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Landscape Terminology in Western Iranian

Abstract

The paper investigates the geographical denominations of Western Iranian dialects, largely functioning also in the place-names, hydronyms, and oronyms of the area. The relevant lexical material, when taken together and approached as a system, opens larger possibilities for adequate analysis: the paradigm and internal ties of the constituent units become more visible and more clear revealing many otherwise unseen tendencies and peculiarities, particularly regarding the origin of given terms or groups of lexemes within the system. Moreover, as a mirror, it can detect various areal characteristics – first of all lexical and phonetic – of a language or language group in a particular territory. In other words, it can reveal not only the features of linguistic development in diachrony, i.e. in time, but also in diatopy, i.e. in space.

Keywords: Western Iranian Dialects, Landscape Terminology, Anatomical Terms

Indirect Designations

Landscape terms going back to anatomical terms

Anatomical terms are characterized by stability, high frequency of use and, as a result, a branched semantic structure. Anatomical vocabulary takes an active part in the language conceptualization of the world and society. The body and its structure serve not only as a starting point, but also as a universal model for constructing a system of concepts in both the language and culture, while covering such key categories as space, time, nature, society, etc.

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The formation of landscape lexicon from anatomical terms has been fixed since ancient times; according to some scholars, the orientation values of somatisms are connected with the fundamental principle of the person's orientation in space through his own body. Human consciousness, anthropocentric in nature, creates an image of the world in which the centre of the system of orientational projections is the body itself.

However, according to E. Filippone, it is rather based on similarity [which] is that of metaphor, a process through which we speak of a concept in terms of another, and whose main lines are similarity of shape, similarity of spatial configuration, functional similarity, etc. Since human beings perceive their bodies as an interface between themselves and the surrounding world, the body part lexicon overlaps in many points with those of other conceptual domains. First of all, the lexicon, which is used to describe the environment. Metaphorical mappings involving human (or animal) body parts as a source, and elements of the landscape as a target, are commonly found in most languages.¹

– One of the obvious examples of this phenomenon is Semn. جکل [čokol] 'high mountain ridge'.²

Cf. Arm. ճակատ [čakat] 'forehead' < EMP čakāt 'peak, top of the mountain; top, crown of the head; top of the forehead' < OIr. *čakāta-; Sogd. ck't/čakāt 'peak; forehead'; NP čakād 'peak, top of the mountain; top, crown of the head; top of the forehead'; Tal. čakūd 'forehead'; Maz. čakās 'peak of the mountain'. Cf. Arm. ճաղատ [čalat] 'bald' < LMP čayād in analogy with Arm. ճակատ [čakāt]. Cf. also the toponym Čoyā, name of village and castle, in Howmeh Rural District in the Central District of Shiraz County; Čuyā-bil, in the province of Isfahan, near the Borujerd; Čuyā-bil-ak in Kermanshah near Mahidasht. The first formant čuyā- or čiyā- 'hill, mountain' is widely attested in the toponyms of central and southern Iran, such as Čuyā, Čayād, Čayādak, Čuyāda, Čuyā-sabz ('green hill'), Čuyā-surx(a) 'red hill', Čiyā-bōr/-pōr (). [bor] 'yellow, dark', cf. MP bōr 'id.' < OIr. *bau-ra-), Čuyā-siyāh ('black mountain'), etc. In contrast to central and southern Iran, in northwestern Iran this topoformant is rarely attested. The more archaic form of this formant is attested in the name of village Čakāda in Mazandaran, near Tonekabon (Shahsavar).

¹ E. Filippone, *The Body and the Landscape Metaphorical Strategies in the Lexicon of the Iranian Languages*, A. Panaino and R. Zipoli (eds.), "Societas Iranologica Europæa – Proceedings 2003" 2 (2006), pp. 351–375.

² Gh. Azarli, *A Dictionary of Iranian Dialects*, Tehran, Hazār-e Kermān Publishing House 2008, p. 145; G. Asastrian and G. Hakobian, *On *-d- > -l- and *-š- > -l- in Western New Iranian*, "Iran and the Caucasus", 22/3 (2018), p. 220.

³ W. Eilers, Semiramis. Entstehung und Nachhall einer altorientalischen Sage, Vienna-Graz-Köln 1971, p. 22; B. Gharib, Sogdian Dictionary. Sogdian – Persian – English, Tehran 1995, p. 125.

⁴ The final -s, should be from sar, i.e. *čakād-sar > čakās, with the fall of the last syllable (see G. Asatrian, Arxaičeskie (Substratnye) élementy v gidrotoponimii Kaspijskogo bassejna, forthcoming).

⁵ The second formant of the toponym *Čuγā-bil* derives from OIr. **bṛda-* 'high', **barz/d-* 'highness; height'; cf. Av. *bərəz-*, IE **bhṛĝh-*, etc.

- Damavand dialect کثنه [kaša] 'hillside, slope'6

Cf. Alamut dialect of Qazvin province *keš* 'mountain slope', which probably derives from *OIr. *kaša-* 'armpit, bosom, sinus', attested in *vourukaša-*, mentioned in Avesta, which is explained as "Name eines grossen Sees, der in der Vorstellung mit dem Weltozean zusammenfloss". The first component is **vouru-* 'wide, broad'; cf. Skt. *urú-* 'id.'. The second part **kaša-* apparently derives from OIr. **kart-* 'cut' (**kárta-* 'cut', Skt. *kárta-* 'hole').

We have several terms in Iranian, which derive from *kart-: kart(a) 'piece of land, furrow', kart-kart 'land divided in some pieces', for instance, Dalijan dialect kal 'furrow'; Aligudarz dialect $h\bar{\imath}l$ 'id.'; Semn., Sang., Sorkh., Lasg. $k\bar{\imath}l$ 'id.', which are not 'water' terms, but concepts related to the land.

According to Asatrian, -kaša- (in Vourukaša-) is Av. kaša- 'Achselhöhle'.⁸ It is possible that the author of Pazend Frax'kart created karta from -kaša- based on the principle of hyper correction, in analogy with *aša- / *arta-.

OIr. *kaša- is widely attested in Middle and New Iranian dialects: cf. MP /NP kaš 'sinus, armpit, bosom', Sogd. 'pkš- /əpkaš- 'id.' (< *upa-kaša-), Old Arm. hunupung [harakaš] 'friend' (probably from *haδakaš < OIr. *hada-kaša-), Gil. kaš (keš), Maz. kaše (kaše-hən), Tal. kaš(a) (kaša-hən) 'id.', etc.

In the Caspian region, there are lot of cases of geographical terms, very similar to Vourukaša- (Verkaš), for instance, river Varkaš (وكثن) in Tabriz; river Verkaš(-čāy) in Ahar; village Varkaš in Alborz mountains, in the south-east of the river Tāleyān; mountain Vārkaš (واركش), to the north from Karadj. The first formant of this names is Var- 'lake, watern land' (cf. Pahl. var 'lake, bay') or 'chest; side' (cf. Pahl. var 'id.'). Vār- most probably derives from *war- 'to cover', i.e. 'covering; top' (cf. Kurd. wār-ga 'covered corral, summer camp'). Also we have names of villages Kaš (كش آباد) and Kaš-ābād (كش آباد) in Talegan and Qazvin.

- Kashmar dialect of Razavi Khorasan Province [somb] 'cave; house under the mountain'.9
- Cf. Arm. uúpuuţ [smbak] 'hoof' < MP sumb, sunb 'id.'; NP sum, summ, sumb, sunb; Kurd. sim; Pash. sum, swa; Oss. sæftæg; Av. safa-; Skt. śapha-.¹⁰
 - Owrazan dialect of Alborz Province شانه [šāna] 'mountain slope'. 11
- Cf. NP *šāne* 'shoulder' < MP *šānag* 'comb; pitchfork; shoulder blade'; Khot. *kṣāna* 'shoulder'.

⁶ Azarli, A Dictionary of Iranian Dialects, pp. 281–282.

⁷ Ch. Bartholomae, *Altiranisches Wörterbuch*, Strassburg1904, pp. 1429–1430.

⁸ Asatrian, *Arxaičeskie (Substratnye) élementy v gidrotoponimii Kaspijskogo bassejna*, forthcoming; Bartholomae, *Altiranisches Wörterbuch*, p. 461.

⁹ Azarli, A Dictionary of Iranian Dialects, p. 227.

¹⁰ H. Acharian, *Hayeren armatakan bararan*, Yerevan, 1926, p. 233; Vasilij I. Abaev, *Istoriko-étimologičeskij slovar' osetinskogo jazyk*a, vol. 3, Leningrad, 1979, pp. 55, 56.

¹¹ Azarli, A Dictionary of Iranian Dialects, p. 237.

- Aligoudarz dialect of Lorestan Province **Lorestan** [keft] 'mountain pass, col'. 12 This lexeme is a result of metathesis from NP ketf 'shoulder' < Arab. kitf.
- Faramarzan dialect of Hormozgan Province כֹל [rax] 'edge of abyss; edge of mountain'. 13

Here also Gerash dialect of Fars Province *rax* 'hard rocky mountain pass'. Cf. Arm. tpulu [*erax*] 'mouth (of an animal), jaws, maw'; Arm. dialectal ntlu [*rex*] 'id.' < MP *rax*; NP *rux* 'cheek; face'; Skt. *srakva* 'mouth (of an animal), jaws, maw'; Germ. *Rachen*.

Cf. also Arm. dialectal ձորի բերան [jori beran] 'edge of the gorge' (lit., 'mouth of the gorge').

- Khorramabad dialect of Lorestan Province \(\square\) [mel\(\bar{a} \)] 'mountain pass, col'.\(\frac{14}{2} \)

This word is probably attested in the toponym Čiyā-mila (چغامله) in Khuzestan Province (for the etymology of the first component see above), where the second component mila derives from OIr. *mṛdu-, Av. mərəzu-. Cf. also Kurd. mil 'neck' with the meaning of 'pass'.

Direct Designations

- Gilaki بييه [bīya] 'river'. 15

Cf. $v\bar{a}ye$ [vaye] 'waterfall' in Rahimabad and Ashkurat dialects of Gilan. According to Henning, Tākistānī¹⁶ $v\bar{u}ye$ 'water', which was primeval word, has disappeared from almost all Iranian languages, however, is preserved in some geographical names, such as $Biya-p\bar{i}s$ and Biya-pas, which, denote two parts of Gilan, separated by Sefidrud river (in Gilaki they have the meaning of 'this part' and 'that part' (the first includes the southern provinces with the centre in Lahijan, the second – the northern regions with the centre in Rasht). 17

According to Minorsky, $b\bar{\imath}ya$ 'water' is cognate with Av. vaday 'watercourse'. ¹⁸ Av. * $va\delta ay$ -: $vai\delta i$ - 'Wasserlauf, Bewässerungskanal' derives from IE * $\underline{\nu}ud-r/n$ - 'moisturise, humidify; water; flow'. Cf. Arm. qtm [get] 'river' (<* $\underline{\nu}ud\bar{o}$ -); Skt. $ud\acute{a}n$ - 'water', $udany\acute{a}ti$ 'moisturise'; Gr. ' $\dot{\nu}\delta\omega\rho$ 'id.' (<* $ud-\bar{o}r$ -); Lat. unda 'wave; sea; river' (<*ud-n-); Hitt. $u\bar{a}tar-/uit\bar{e}n$ - 'water', etc.

Also in Bajestan dialect of Razavi Khorasan is attested + [belo] 'small waterfall', which can be derived from Av. * $va\delta ay$ -: $vai\delta i$ - with *-d-> -l- phonetic transition.

¹² Ibid., p. 282.

¹³ Ibid., p. 196.

¹⁴ Ibid., p. 364.

¹⁵ Azarli, A Dictionary of Iranian Dialects, p. 67.

¹⁶ One of the Iranian Azari (Southern Tati) dialects, spoken in Tākistān village, formerly known by the name of Siyah-dehān to the south-west of Qazvin.

W.B. Henning, The Ancient Language of Azerbaijan, "TPS" 53/1 (1954), p. 164.

¹⁸ V. Minorsky, *Hudud al-Alam. The Regions of the World a Persian Geography, 372 a.h. 982 a.d.*, Cambridge, 1982, p. 388.

- Zazaki عِج [čam, ĉam, cam] 'river'. 19

Most probably from OIr. *¿iam-> *¿am- 'pace, step, run away'; IE *¿(i)am- (?); NP ¿amīdan 'to walk proudly, waving from side to side; to twist, turn, bend, curve'; Pth. ¿m- 'to come'. Cf. also Gur. ¿am 'river'; Kurm. ¿am, ¿am, ¿am, ¿am, ¿om 'id.'; Sor. ¿am, ¿om 'id.'; Lor. ¿am 'river floodplain'; NP ¿am 'duckweed, mud'; Laki ¿am 'lowland, surrounded by hills'.

- Shiraz and Evaz dialect of Fars province [barm] 'pond, sluice, basin, pool'.²² Here also Kurd. barm 'lake, pond', from MP varm 'id.' < OIr. *warma- (*war- 'to cover'). Cf. Arm. վերմակ [vermak] 'blanket' (< Iranian *varmak), with -e- < -a- in the first syllable under the influence of Arm. վեր [ver] 'on, above'.

- Tati زرييه [zeriya] 'sea'.²³

To this group belong Bal. *zirā* 'sea', Sor. *zeri* 'ocean'. All these lexemes derive from OIr. **zraya*- (< IE **ĝreios*-); Av. *zraiiah*-; OP *drayah*-; Skt. *jráyas*-; Tadj. *daryo* 'river'; NP *daryā* 'sea'. Cf. Kurd. *zeribār* 'lake' and the name of the lake *Zrēbār* (*Zrēwār*) (near the Marivan in the northern Kurdistan province) from OIr. **zraya*-*pāra*- (cf. Pth. *zrēh*, Kurd. *zirē* 'sea'; MP *daryā*-*bār*).

– Shushtar dialect of Khuzestan Province توف [tūf] 'waterfall, cascade'.²⁴

Most probably derives from $t\bar{a}p$ - 'to throw'. Cf. Kurd. $t\bar{a}f$ 'waterfall', $t\bar{a}vgah$ 'id.'; Bakht. $bed\bar{u}f$ 'id.' < *wi-tapa-.

– Lahijani جلف [jalf] 'deep; a ditch, pit; low-lying ground'.25

From Av. **jafra*- 'deep'; Pth. *jfr*; NP. *žarf*; Pash. *žawar*. Here also Aft. *jūl* 'deep; a ditch, pit; low-lying ground'; Maz. *jūl* 'id.'; Damavand dialect *jūl* 'id.'; Damghani *jūl* 'id.'; Bardsiri *jahr* 'id.' with *-fr->-l*- and *-fr->-hr*- phonetic transitions.

– Bandar-e Anzali dialect of Gilan کولا [kulā] 'earth, soil, low place'.²⁶

Here also Birjand dialect of Southern Khorasan $kol\bar{o}$ 'cavity, hole'; Bal., Bashk., Jask dialect of Hormozgan Province, Bandarabbas dialect kal 'id.'; NP $k\bar{u}l$, $k\bar{o}/\bar{u}la$ 'pool, pond, water-reservoir; low place; a hollow usually with stagnant water', $k\bar{o}/\bar{u}l$ - $\bar{a}b$ 'pool, pond; area with stagnant water'; as place-name ($K\bar{u}lob$ in Tajikistan); also denom. verb $[k\bar{o}/\bar{u}l\bar{u}dan]$ 'to dig, excavate'.

MMP kwl/ $k\bar{o}l$ 'pit; sink'; Kurd. $k'\bar{o}l$ 'pit; ditch, hollow; burrow' (Cf. $k'\bar{o}l\bar{a}$ $mišk\bar{a}(n)$ 'mouse's hole'), $k'\bar{u}r$ 'deep', also denom. verb $k'\bar{o}l\bar{a}ndin$ ($k'\bar{o}l\bar{i}n$ -) 'to dig', Lor. $k\bar{u}l$ 'pond',

¹⁹ Asatrian, Arxaičeskie (Substratnye) élementy v gidrotoponimii Kaspijskogo bassejna, forthcoming.

²⁰ A. Ghilain, Essay sur la langue parthe, son système verbale d'après les textes manichéens du Turkestan Oriental, Louvain 1939, p. 56; Boyce, A Word-list of Manichaean Middle Persian and Parthian, Leiden 1977, p. 31.

²¹ W. Eilers, Geographische Namengebung in und um Iran: ein Überblick in Beispielen, München 1982, p. 41; Vera S. Rastorgueva and Džoj I. Ėdel'man, *Ėtimologičeskij slovar' iranskix jazykov*, Vol. 2, Moscow 2003, pp. 262–263; Azarli, *A Dictionary of Iranian Dialects*, p. 147.

²² Azarli, A Dictionary of Iranian Dialects, p. 48.

²³ Ibidem, p. 208.

²⁴ Ibidem, p. 119.

²⁵ Ibidem, p. 130.

²⁶ Ibidem, p. 300.

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Gur. $k\bar{u}l$ 'deep', Lari kol 'hollow; pit', Kurd. k'ulak, $k'ul\bar{a}nga$ 'round opening in the roof serving as window in the rural houses', Oss. $k\bar{u}l$, $kol\ddot{a}$ 'deep pond, deep water' from OIr. *kau-ra- (*kau- 'to form a hole')? The change of the final -r to -l could have taken place under the influence of the suffixal element -l-, forming diminutives and adjectives, and probably for avoiding homonymy with $k\bar{o}r$ 'blind'.

– Mazandarani لاس [lās] 'stone, rock'.

Cf. Northern Tal. $l\bar{u}assa$ 'top of the mountain'; Southern Tal. $l\bar{a}ssa$ 'cave, rock shelter, grotto'; 27 $l\bar{a}s(a)$ 'stone, rock, cliff'; Gil. $l\bar{a}sa$ 'rock, cliff'; Galeshi $l\bar{a}sa$ 'id.', $l\bar{a}s$ 'stone'; Sang. $l\bar{t}s^{28}$ 'flat stone as throwing object in games'; Asht. $l\bar{a}s$ 'flood silt'.

This lexeme is also widely attested in toponyms, hydronyms and oronyms of Caspian region. Cf. *Lüassa* (Lenkoran); *Lāsak*²⁹ (Fuman); *Lāsgird/Lāsjird*³⁰ (Semnan), *Lāskūtī*³¹ (Mazandaran), etc.³²

The etymology of this lexeme is unclear.

– Mazandarani تيل (tīl) 'mud, clay, sludge, slime'.

Cf. Northern Tt. $t\ddot{u}l$ 'id.'; Gil. $t\bar{t}l$, $t\bar{u}l$ 'id.'; Tal. $t\ddot{u}l$, təl, $təl\bar{t}n$ 'muddy, dirty'; Semn. $t\bar{o}l(a)$, $t\bar{t}l(a)$; Lasg., Sorkh. $t\bar{o}l$, $t\ddot{u}l$; Sang. $t\bar{u}l$; Southern Tt. $t\bar{t}l$. This term can be found in hydronymy and toponymy of the region. Cf. $T\bar{t}l$ (Ardabil), $T\bar{u}l$ (Gilan), $T\bar{u}l\check{c}e\check{s}me$ (Gilan, Mazandaran, Gorgan), $T\bar{t}l\bar{a}b\bar{a}d$ (Gorgan). According to Asatrian, lexemes in this group are a formation of the New Iranian linguistic period and can hardly be a substrate term or a Wanderwort, and most probably, are sound symbolic lexemes.³³ It is not related to Arm. uhnu0 [tilm1] 'mud', which should be a loanword from Greek $t\dot{e}\lambda\mu\alpha$ 'swamp, marsh, mire; dung'.

- Taleshi lūl (līl), līr/l, līlov 'mud, clay, muddy water'.34

Cf. Southern Tt. $l\bar{\imath}l$ "id."; Zaz. $l\partial\gamma a$ 'clay, loam' (probably from * $l\partial l$ -ka); Laki lel 'dirty water'; Sor. $l\bar{\imath}ll$ 'id.'; Arm. dialectal [lel] 'dirth', [lel] 'dirth', [lel-ot] 'dirthy', [lel] 'slime, sludge'. This should be also sound symbolic lexeme, attested in the toponymy of the region, for instance, * $T\bar{\imath}l\bar{\imath}r^{35}$ (Ardabil); $L\bar{\imath}r$ ($L\bar{\imath}ra$) (Mazandaran, Gorgan).

- Mazandarani شن [laš] 'watery land'.36

Probably, here we have *d->l- phonetic transition. From MP *dašt 'plain, field, desert'; Sogd. daxšt 'id.'; NP dašt 'id.'; Kurd. $d\ddot{a}št$; Arm. nupun [dašt].³⁷ This lexeme

The final compound -sa in Tal. lüassa/lāssa comes from sar 'head', with the regular loss of final -r in Tal.

With a common phonetic transition of $-\bar{a} > -\bar{o} - -\bar{u} > -\bar{t}$ in New Western Iranian.

Minimising suffix -ak derives from *-(a)ka-.

³⁰ The suffix -gird (-gerd) derives from OIr. *kṛta- (*kar-) 'to build, to do'. Cf. Dastjerd < *dastakṛta-, Malagerd < *mi θ ra-kṛta etc. It is also widely attested in Armenian toponymy. Cf. Stepanakert, Tigranakert, etc.

³¹ The second formant of this toponym is Mazandarani kūtī/katī 'hill, height'.

³² M. Ghanbari, A Note on South Caspian Lās(a) 'Stone', "Iran and the Caucasus" 18 (2014), pp. 393–394.

³³ G. Asatrian, A Caspian Term for 'Mud, Clay, Slime', "Iran and the Caucasus" 18 (2014), pp. 389–392.

³⁴ L. Pirejko, *Talyšsko-russkij slovar*', Moscow 1976, p. 133.

From * $T\bar{u}l$ - $l\bar{v}r$. For the first compound see the lexeme $t\bar{t}l$.

³⁶ Azarli, A Dictionary of Iranian Dialects, p. 340.

³⁷ G. Asastrian and G. Hakobian, On *-d- > -l- and *-š- > -l- in Western New Iranian, p. 220.



is attested widely in toponyms, like Kordašt (Iranian Azerbaijan); Zarindašt (Gilan); Tusāvdašt (Gilan); etc.

– Bandar-e Anzali dialect of Gilan Province لهمه [lehme] 'stagnant water, bog, marsh'.38

Cf. Tal. laxma 'marsh, bog, swamp', probably, from NP daxma 'crypt, tomb, grave' with *-d- > -l- phonetic transition. Cf. Av. daxma- 'grave', MP daxmag; BSogd. δγm'y/ $\delta axm\bar{e}$ 'grave, burial'; Bactr. $\lambda \alpha \chi \mu i \gamma o$ 'grave', $\lambda \alpha \chi \mu (o)$ 'tombstone, gravestne'; Gr. $\theta \dot{\alpha} \pi \tau o$ (ἐτάφην) 'bury', τάφος 'funeral, burial, grave, tomb', τάφρος 'dig'; Tadj. daxma 'grave, tomb'; Tt. daxma 'hut, shack'; Arm. դամբան, դամբարան [damban, dambaran] 'tomb, grave'.39

Thus, landscape terminology, along with toponyms and hydronyms, is one of the oldest and the most stable strata of the lexical system of a given language. The discussion of the geographical denominations in Western Iranian shows that landscape terminology of the region is a fertile ground for identifying archaic (and possibly substrate) elements.

Abbreviations

Aft. dialect of Aftar

Arab. Arabic

Arm. Armenian

dialect of Āštiyān Asht.

Av. Avestan Bactrian Bactr.

Bakht. Lori dialect of Bakhtiari Balochi (= Baluchi) Bal.

Bashk. Bashkardi (dialect of Baškard) Sogdian in Buddhist texts BSogd. **EMP** Early Middle Persian

ΙE Indo-European

Germ. German Gil. Gilaki

Gr. (Ancient) Greek

Gur. Gurani Hitt. Hittite Khot. Khotanese Kurd. Kurdish

Kurmanji Kurdish Kurm. Lasg. dialect of Lasgard

Lat. Latin

³⁸ Azarli, A Dictionary of Iranian Dialects, p. 348.

³⁹ J. Pokorny, *Indogermanisches etymologisches Wörterbuch*, Bern 1959, pp. 248–249; K. Hoffmann, Av. daxma-, "Zeitschrift für vergleichende Sprachforschung auf dem Gebiete der Indogermanischen Sprachen" 79 /3-4 (1965), p. 238; MacKenzie, A Concise Pahlavi Dictionary, London-New York-Toronto 1971, p. 25; Gharib, Sogdian Dictionary, p.139; Rastorgueva/ Edel'man, Etimologičeskij slovar' iranskix jazykov, p. 282; G. Asastrian and G. Hakobian, On *-d- > -l- and *-š- > -l- in Western New Iranian, p. 217.

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LMP Late Middle Persian

Lor. Lori

Maz. Mazanderani NP New Persian OIr. Old Iranian Oss. Ossetic

Pahl. Pahlavi Pash. Pashto Pth. Parthian

Sang. dialect of Sangesar Semn. dialect of Semnān

Skt. Sanskrit Sogd. Sogdian

Sor. Sorani Kurdish Sorkh. dialect of Sorxeh

Tadj. Tadjiki Tal. Taleshi Tt. Tati Zaz. Zazaki

Bibliography

Abaev, Vasilij I., Istoriko-étimologičeskij slovar' osetinskogo jazyka, vol. 3, Nauka, Leningrad, 1979.

Acharian, Hrachya, Hayeren armatakan bararan, Yerevani Hamalsarani Hratarakčut'yun, Yerevan 1926.

Asatrian, Garnik, A Caspian Term for 'Mud, Clay, Slime', "Iran and the Caucasus" 18 (2014), pp. 389–392.

Asatrian, Garnik, Arxaičeskie (Substratnye) élementy v gidrotoponimii Kaspijskogo bassejna, forthcoming (manuscript).

Asastrian, Garnik, and Gohar Hakobian, On *-d- > -l- and *-š- > -l- in Western New Iranian, "Iran and the Caucasus" 22/3 (2018), pp. 215–225.

Azarli, Gholamreza, *A Dictionary of Iranian Dialects*, Hazār-e Kermān Publishing House, Tehran 2008. Bartholomae, Christian, *Altiranisches Wörterbuch*, Trübner, Strassburg 1904.

Boyce, Mary, A Word-list of Manichaean Middle Persian and Parthian, Acta Iranica 9a, Brill, Leiden 1977. Eilers, Wilhelm, Semiramis. Entstehung und Nachhall einer altorientalischen Sage, Böhlaus, Vienna-Graz-Köln 1971.

Eilers, Wilhelm, Geographische Namengebung in und um Iran: ein Überblick in Beispielen, Verlag der Bayerischen Akademie der Wissenschaften, München 1982.

Filippone, Ela, *The Body and the Landscape Metaphorical Strategies in the Lexicon of the Iranian Languages*, (eds.) Antonio Panaino and Riccardo Zipoli, "Societas Iranologica Europæa – Proceedings 2003" 2 (2006), pp. 351–375.

Ghanbari, Mohammad, *A Note on South Caspian Lās(a) 'Stone'*, "Iran and the Caucasus" 18 (2014), pp. 393–394.

Gharib, Badresaman, Sogdian Dictionary. Sogdian – Persian – English, Farhangan Publications, Tehran 1995. Ghilain, Antoine, Essay sur la langue parthe, son système verbale d'après les textes manichéens du Turkestan Oriental, Peeters, Louvain 1939.

Henning, Walter Bruno, The Ancient Language of Azerbaijan, "TPS" 53/1 (1954), pp. 57–77.

MacKenzie, David N., *A Concise Pahlavi Dictionary*, Oxford University Press, London–New York–Toronto 1971.

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Hoffmann, Karl, Av. daxma-, "Zeitschrift für vergleichende Sprachforschung auf dem Gebiete der Indogermanischen Sprachen" 79 /3–4 (1965), p. 238.

Minorsky, Vladimir, *Hudud al-Alam. The Regions of the World a Persian Geography, 372 a.h. 982 a.d.*, Cambridge University Press, Cambridge 1982.

Pirejko, Liya, Talyšsko-russkij slovar', Russkij jazyk, Moscow 1976.

Pokorny, Julius, Indogermanisches etymologisches Wörterbuch, Francke, Bern 1959.

Rastorgueva, Vera S., and Džoj I. Ėdel'man, *Ėtimologičeskij slovar' iranskix jazykov*, vol. 2, Vostočnaja literatura, Moscow 2003.