

## Lexica Afroasiatica XI

The paper represents the next installment in an ongoing series of publications that document the author's search for new Afro-Asiatic etymologies, which he has been elaborating for the last decade, parallel to his work on the *Etymological Dictionary of Egyptian*. The current installment (etymologies 919–988) includes Afro-Asiatic roots with the dental nasal \*n- followed by sibilants.

*Keywords:* Afro-Asiatic languages, Egyptian language, comparative phonology, historical reconstruction.

Comparative-historical Afro-Asiatic linguistics has undergone a significant development over the past half century, since the appearance of “*Essai comparatif sur le vocabulaire et la phonétique du chamito-sémitique*” (1947) by Marcel Cohen. This revolutionary and fundamental synthesis concluded the second great period of comparative research on Afro-Asiatic lexicon (the so-called “old school”, cf. EDE I 2–4). During the third period (second half of the 20<sup>th</sup> century), whose beginning was hallmark by the names of J. H. Greenberg and I. M. Diakonoff, a huge quantity of new lexical material (both descriptive and comparative) has been published, including a few most recent attempts (either unfinished or rather problematic) at compiling an Afro-Asiatic comparative dictionary (SISAJa I–III, HCVA I–V, HSED, Ehret 1995).

During my current work on the “*Etymological Dictionary of Egyptian*” (EDE), I have collected a great number of new AA parallels, which — to the best of my knowledge — have not yet been proposed in the literature or were observed independently from myself<sup>1</sup>. Along with the EDE project (and the underlying “Egyptian etymological word catalogue”), I started collecting AA roots (not attested in Egyptian) for a separate Afro-Asiatic root catalogue in late 1999.

The series “*Lexica Afroasiatica*” began in 2002<sup>2</sup> for communicating new Afro-Asiatic lexical correspondences observed recently during my work, which may later serve as a basis for a

<sup>1</sup> I did my best to note it wherever I noticed an overlapping with the existing Afro-Asiatic dictionaries.

<sup>2</sup> The first part of this series (lexical parallels with PAA \*b-) appeared in *Afrikanistische Arbeitspapiere* (Köln) 67 (2002), 103–151. The second part (additional lexical roots with AA \*b-) was published in Kogan, L. (ed.): *Orientalia: Papers of the Oriental Institute, Issue III: Studia Semitica* (Moscow, 2003., Russian State University for the Humanities, pp. 331–348). My paper “Lexica Afroasiatica III” (new AA roots with \*p-) appeared in Takács, G.: *Egyptian and Semito-Hamitic (Afro-Asiatic) Studies in Memoriam Werner Vycichl* (Leiden, 2003., E. J. Brill, pp. 510–550), while “Lexica Afroasiatica IV” (new etymologies with AA \*f-) was published in *Acta Orientalia Academiae Scientiarum Hungariae* (Budapest) 57/4 (2004), 457–473. “Lexica Afroasiatica V” (new AA roots with \*p̪- and \*P-) appeared in *Studia Etymologica Cracoviensis* 9 (2004), 159–178. The sixth issue (roots with \*m- followed by dentals, palatals, laterals, velars, pharyngeals, and laryngeals) is forthcoming in *Folia Orientalia* (Kraków) 48 (2011). The seventh part (roots with \*m- followed by sonorants) was published in Takács, G. (ed.): *Semito-Hamitic Festschrift for A. Dolgopolosky and H. Jungraithmayr*. Berlin, 2008., Dietrich Reimer Verlag. Pp. 310–336. “Lexica Afroasiatica VIII” (containing additional roots with \*m-) appeared in *Rocznik Orientalistyczny* (Warszawa) 62/2 (2009), 26–125. “Lexica Afroasiatica IX” (new AA roots with \*n- + labials) was published in *Lingua Posnaniensis* (Poznań) 52/2 (2010), 85–98. “Lexica Afroasiatica X” (new AA roots with \*n- + dentals) is forthcoming in *Rocznik Orientalistyczny* (Warszawa) 64/2 (2011).

new synthesis of the Afro-Asiatic comparative lexicon. The present part of this series is a collection of additional new Afro-Asiatic etymologies with the Proto-Afro-Asiatic initial dental nasal (\*n-) observed after my research periods at the Institut für Afrikanische Sprachwissenschaften of Frankfurt a/M (in 1999–2000 and 2002), guided by Prof. H. Jungraithmayr. The enumeration of the etymological entries is continuous, beginning from the first part of the series “*Lexica Afroasiatica*”. This part contains new Afro-Asiatic roots with \*n- followed by sibilants.

Each entry is headed by the proposed PAA root (as tentatively reconstructed by myself). Author names are placed after the quoted linguistic forms in square brackets [], mostly in an abbreviated form (a key can be found at the end of the paper). The lexical data in the individual lexicon entries have been arranged in the order of the current classification of the Afro-Asiatic daughter languages (originating from J. H. Greenberg [1955, 1963] and I. M. Diakonoff [1965]) in five (or six) equivalent branches: (1) Semitic, (2) Egyptian, (3) Berber, (4) Cushitic, (5) Omotic (sometimes thought of as West Cushitic), (6) Chadic. For a detailed list of all daughter languages cf. EDE I 9–34. The number of vertical strokes indicate the closeness of the language units from which data are quoted: ||| separate branches (the 6 largest units within the family), || groups (such as East vs. South Cushitic or West vs. East Chadic), while | divides data from diverse sub-groups (e.g., Angas-Sura vs. North Bauchi within West Chadic).

Since we know little about the Proto-Afro-Asiatic vowel system, the proposed list of the reconstructed Proto-Afro-Asiatic forms is arranged according to consonantal roots (even the nominal roots). Sometimes, nevertheless, it was possible to establish the root vowel, which is given in the paper additionally in brackets. The lexical parallels suggested herein are based on the preliminary results of reconstructing the consonant correspondences achieved by the Russian team of I. M. Diakonoff (available in a number of publications<sup>3</sup>) as well as on my own observations refining the Russian results (most importantly [Takács 2011]). The most important results can be summarized as follows. The labial triad \*b – \*p – \*f remained unchanged in Egyptian, South Cushitic, and Chadic, while the dental series \*d – \*t – \*t̄ was kept as such in Semitic and South Cushitic (AA \*t̄ continued as \*d̄ in Berber, Cushitic and Chadic, and it was merged into t vs. d in Egyptian). The fine distinction of the diverse sibilant affricates and fricatives (AA \*c, \*z̄, \*ç̄, \*s̄, \*č̄, \*ž̄, \*ç̄, \*š̄, \*ç̄, \*ç̄, \*ş̄) was best preserved in Semitic, South Cushitic and West Chadic (while some of these phonemes suffered a merger in other branches and groups). The Russian scholars assumed a triad of postvelar (uvular) stops with a voiceless fricative counterpart: \*g, \*q̄, \*q̄, and \*h̄, the distinction of which was retained in Cushitic and Chadic, but was merged into \*h̄ in Semitic and Egyptian. In a number of cases, however, it is still difficult to exactly reconstruct the root consonants on the basis of available cognates (esp. when they come from branches that have only modern attested descendants, e.g., Berber, Cushitic-Omotic, or Chadic). In such cases, the corresponding capitals are used (denoting only the place of articulation)<sup>4</sup>.

## AA \*n- + sibilants

**919. AA \*n̄z̄** “to make voice” > Sem.: Ar. nazza I “2. crier, faire entendre sa voix (se dit des gazelles)” [BK II 1233] ||| ECh.: WDangla nízzé “soupirer” [Fédry 1971, 218].

<sup>3</sup> Cf. Diakonoff 1984; 1988, 34–41; 1992; Diakonoff et al. 1987; 1993; SISAJa I–III; HCVA I–V.

<sup>4</sup> E.g., the symbol (\*P-) signifies any unknown initial labial, just as, e.g., \*T stands for any unknown dental stop (\*d, \*t or \*t̄) or \*K for any unknown velar stop (\*g, \*k or \*k̄) or \*Q for any unknown postvelar/uvular (\*g, \*q or \*q̄), while \*H stands for any laryngeal or pharyngeal (\*?, \*h, \*?, \*h̄, also \*γ̄).

**920. AA \* $\sqrt{n}z$**  “to make bloodshed” > Sem.: Ar. *nzw*: *nazā* IV “2. faire saigner, faire perdre beaucoup de sang” [BK II 1243] = “*nzw/y* (?): *nazā* I (act.) “perdre son sang jusqu’à épuisement” [Fagnan 1923, 171] ||| Eg. *nz* “Blutbad (ob richtig?)” (XXVI, Wb II 319, 5)<sup>5</sup> ||| NBrb.: Izdeg *u-nzu* “avoir une hémorragie nasale” [Mrc. 1937, 137] ||| CCh.: perhaps Mofu-Gudur *náz* “sangsue” [Brt. 1988, 201].

**921. AA \* $\sqrt{n}z$**  “to r(a)ise” > Sem.: MHbr. *nzz qal* “1. eig.: \*(auf)springen, 2. übertr.: sich überheben, übermütig werden” [Levy 1924 III 364] | Ar. *nzz* I “1. se mettre à courir (gazelles)”, III “lutter avec qqn. de gloire, de superiorité”, IV “faire sortir l’eau à sa surface (la terre)”, *nzw* I “1. sauter, faire un saut, 2. couvrir une femelle, 5. renchérir, monter en prix (se dit des grains), 6. entrer en fermentation (se dit du vin)”, VI “se disputer la gloire, la supériorité” [BK II 1233, 1242–3] = *nzw* VIII “se révolter contre (son souverain), s’emparer de” [Dozy II 664] ||| Eg. *nzj* “to raise up (??)” (CT V 28b, AECT II 7; DCT 245)<sup>6</sup>.

**922. AA \* $\sqrt{n}z$**  (var. \* $\sqrt{n}\check{z}$ )<sup>7</sup> “1. to suffer, 2. move convulsively, shake” > Sem. \* $\sqrt{nz}$ -: Ar. *nazaw-ān-* “2. la crise, le moment de la plus grande intensité d’une maladie” [BK II 1243], Yemeni Ar.  $\sqrt{n}zy$  I: *nazā* “to suffer from an incurable disease” [Piamenta 1990–1, 483] || ES \* $\sqrt{nz}nz$ : Geez *naznaza* “1. to vex, torment, cause pain, 2. shake, agitate”, *tanaznaza* (tänäznäzä) “to be vexed, shaken”, hence, e.g., Tna. *näznäzä* “to shake”, Tigre *näznäza* “to jog”, Amh. *näzännäzä* “to importune, pester, torment, bother” (ES: Lsl. 1979 III, 466; 1982, 57; 1987, 411) ||| Eg. *nz nz* “to suffer” (CT VI 134i, DCT 247)<sup>8</sup> ||| CCh.: Glavda *nž* “1. to feel pain, suffer, 2. convulse” [RB 1968, 74]. Cf. also AA \**n-c/s* “to groan from suffering” (infra).

**923. AA \* $\sqrt{n}zp$**  “to spread (out, on)” > Sem.: Sqt. *?énzof* “étendre” [Lsl. 1938, 263]<sup>9</sup> || Geez *nazafa* II “to spread out (e.g. a mat), spread grass or leaves on the floor” [Lsl. 1987, 411]<sup>10</sup> ||| Eg. *nzp* “Tätigkeit beim Backen: das Brot glatt streichen” (OK: V. 2x, Wb II 319, 8) = “ein Aufstrich bzw. Überzug (des des Gebäcks und des Brotes) mit der in die Schalen gestrichenen Substanz” (Montet apud Falting l.c. infra) = “mit Brotschachtel Brotlaib formen (glätten, ritzen)” (ÄWb I 661c; GHwb 432) = “Behandlung von št.-Gebäck und gw?-Brot mit einem gelben Instrument (Scherbe? Steinschaber?)” (Faltungs 1998, 229)<sup>11</sup> ||| SBrb. \* $\sqrt{nzf}$  “to allon-

<sup>5</sup> In principle, this word might alternatively be interpreted as a late writing of the equally uncertain Eg. *ns* “Verletzung (?)” (NE, Wb II 321, 4) as supposed in the lit., cf. Alliot, RdE 10 (1955), 1–4; WD II 79. For Eg. *ns*, cf. AA \**n-s* infra.

<sup>6</sup> Replaced by Eg. *tzj* “to raise” but in one single ex. (namely coffin Sq6c) of CT V 28b, all other exx. have *nzj*. R.O. Faulkner (AECT II 7, spell 366, n. 4), based on this, supposed in *nzj* a miswriting for *tzj*, which is unlikely given the fact that *nzj* occurs in more instances.

<sup>7</sup> The Sem. evidence clearly supports the reconstruction of AA \**ʒ*. Eg. *z* can reflect both AA \**ʒ* and \**ʒ̄*.

<sup>8</sup> The rendering of CT VI 134i *nz nz* has been disputed according to different (pre)conceptions: “détruire, être détruit (par le feu)” (AL 78.2235) = “\*zerschneiden” (ÄWb II 1346b-c). Following E. Edel (1975, 32), R.O. Faulkner (AECT II 157, spell 539, n. 1), D. Meeks (AL 78.2235), and R. van der Molen (DCT 247) suggested an etymological link to OEg. *nz nzn.w* (neg. complement) “sich vollständig lösen von, \*vergehen” (PT 903a and 2127g, ÄWb I 662a) = “to pass away” (Allen 1984, 586), which is semantically not at all evident, let alone the fact that CT *nz nzn* < \* $\sqrt{zn}$ , whereas PT *nz nzn* < either \* $\sqrt{zn}$  or \* $\sqrt{nzl}$ . In the latter case, one might attach PT \**nz lzl* to AA \**n-ʒ-l* (infra). R. Hannig (ÄWb l.c.), in turn, assumed a derivation from Eg. *zn* “to cut”. In addition, E. Edel (l.c.) traced both PT *nz nzn* and CT *nz nzn* back to Eg. *znj* “vorbeigehen”, which is semantically dubious.

<sup>9</sup> Regarded by W. Leslau (l.c.) as a var. of Sqt. *?én̄def* “id.”.

<sup>10</sup> Regarded by W. Leslau (l.c.) as a var. of Geez *naṣafa* “id.”.

<sup>11</sup> D. Faltungs (1998, 229) was also inclined to see in OK *nzp* a term expressing “ein Aufschneiden oder Einritzen”, accepting W. Wreszinski’s (1926, 13; AAÄKG I 399) rendering “zerschneiden (der Spitzbrote mit einem

gate (?)” [GT]: Hgr. ā-ñhəf “bâton gros, long”, Ghat a-nzəf “(trou de) pivot”, a-nžəf “tison” (SBrb.: Prs. 1969, 82, #541).

**924. AA \* $\sqrt{nʒ}$ P** “to hurt by cutting” > Sem.: (???) Ar.  $\sqrt{nzf}$  I “saigner du nez” [Dozy II 659]<sup>12</sup> || Geez nazafa I “to tear/cut off” [Lsl. 1987, 411] ||| Eg. nzp.w “Wunden, Ritzwunden (?)” (CT, Wb II 319, 9; ÄWb II 1346b; WD I 113) = “Messer (des Re)” (CT VII 370a, 468g, Altenmüller 1975, 347) = “wounds” (Borghouts 1971, 206; DCT 247)<sup>13</sup>, cf. nzp “Messer” (GR, Wb II 319, 10) = “knife” (PL 546) ||| NBrb.: Qabyle  $\sqrt{nzf}$ : nezzef “souffrir d'une douleur aiguë, piquer (douleur)” [Dlt. 1982, 591] || SBrb.: (?) Tadghaq and Tudalt ə-nfăz “to punch in the face” [Sudlow 2001, 133].

**925. AA \* $\sqrt{nʒr}$**  “to be in pressing need” > Sem.: Ar. nazara I “1. être pressant dans ses demandes, 2. presser, talonner qqn.”, pass. nuzira I “être importuné, pressé vivement, talonné” [BK II 1235] ||| NBrb.: Mzg.  $\sqrt{nrz}$  [met. < \*nzs?]: nnurz “1. être dans le besoin, être nécessiteux, besoigneux, 2. attendre après qqn., espérer en qqn., avoir besoin de qqn.”, a-nnurz “besoin, gêne, nécessité” [Tf. 1991, 496].

**926. AA \* $\sqrt{nʒr}$**  “to break into pieces” > Sem.: Sqt.  $\sqrt{nzr}$  (var.  $\sqrt{nṣr}$ ): t-stem “to split (intr.): se fendre” [Lsl. 1938, 263] || ES \* $\sqrt{nzr}$ : Geez nazara ~ nazzara I “to bite, tear to pieces, pierce, crunch, hit”, nəzzur “torn into pieces, pierced, pock-marked”, cf. nazara ~ nazzara II “to be separated, dispersed”, Tna. näzär/lä “to tear to pieces, bite”, Tigre näžra “to bite off”, Amh. näzzärä “to strike, hit”, cf. a-näzzärä “to squander” (Eth.-Sem.: Lsl. 1987, 411–2) ||| Eg. nz<sup>3</sup> (GW) “briser” (NE, AL 79.1619) = “zerbrechen” (GHWb 431). A var. (?) with a voiceless -C<sub>2</sub>- is also known in Sem.<sup>14</sup>

**927. AA \* $\sqrt{nʒl}$**  “to be dissolved, descend, disappear” > Sem. \* $\sqrt{nzl}$ : MHbr. nzl qal “to run, melt, be distilled” [Jastrow 1950, 892], Mandean  $\sqrt{nzl}$  “to descend, go down, flow down, disappear, melt” [Drower-Macuch 1963, 295] | Ar. nazala I “1. descendre etc.” [BK II 1239; Dozy II 659] = “s’adoucir, se relâcher de ses exigences, descendre” [Fagnan 1923, 170–1] || Geez nazala ~ -zz- “to go down, flow, spill over, seep (water), become damp (from seepage)” [Lsl. 1987, 411: < Ar.] ||| (?) Eg. nznzn.w (neg. complement) “sich vollständig lösen von, \*ver-

Messer” (stimulated by an alleged etymological connection to Eg. nzp.w “wounds” of CT, BD assumed by Wreszinski) rightly remarking, though, that “doch weisen die beiden Handhaltungen darauf nicht eindeutig hin” in the OK scenes where the nzp activity was depicted. Actually, this rendering would agree quite well with Geez nazafa I “to tear/cut off” [Lsl. 1987, 411]. But it is more reasonable to side with the more careful position taken by P. Montet (1925, 241), who observes that on the OK scenes in question “on voit des boulangers promener sur des pains coniques un instrument qui ressemble à un racloir” similar in form to the det. of OK zšp “(Möbel) glätten, polieren, (Brot) glatt streichen” (PT, Wb III 485, 8–9 pace Montet), and, based on this, concludes that with this instrument “le produit contenu dans les écuelles zšn.t, était étendu sur toute la surface du pain: c'est à cette opération que se rapportait le terme nzp”, while “le boulanger y procédait avec une sorte de racloir”.

<sup>12</sup> Alternatively, the Ar. root might be a met. of \* $\sqrt{znf}$  to be compared with Eg. znf “blood”.

<sup>13</sup> Ch. Ehret (1995, 332, #648) erroneously compared CT nzp.w with Sem.: Ar. n̄tf “to suffer from indigestion”, HECu.: Sidamo n̄t- “to have labour pains”, and NOm.: Benesho jaç (-ts’) “headache”, but Eg. z has nothing in common with AA \*t̄.

<sup>14</sup> Cf. Akk. našāru G “abteilen” [AHW 759] = G “1. to cut off a piece of a land holding, expropriate part of a holding, 2. deduct, remove, 3. reduce in size, number, intensity”, D (nuššuru) “to set aside, save, cut off (?), diminish in strength, weaken, subtract, etc.” [CAD n2, 60] || Ar. nasara I “5. déchirer ou ouvrir, faire crever (une plaie, un abcès)”, V “1. se défaire, se détordre (corde), 2. crever (abcès), 3. être déchiré et mis en lambeaux (vêtement ou papier)” [BK II 1248].

gehen” (PT 903a and 2127g, ÄWb I 662a) = “to pass away” (Allen 1984, 586) ||| NBrb.: Qabyle e-nzel “filer, partir” [Dlt. 1982, 592] || SBrb.: EWlmd.-Ayr ə-nzəl “être effacé (écriture), 2. (EWlmd.) tomber dans l’oubli, en désuétude, disparaître de l’usage” [PAM 2003, 637].

**928. AA \* $\sqrt{nc}$**  “to lick” > Sem.: Ar. nasa?a I “4. lécher (p.ex., une gazelle qui lèche son petit)” [BK II 1244] ||| SCu.: NWRift \*nāc (-ts) “to lick” [KM 2004, 216]: Iraqw-Alagwa nac “to lick” [Ehret 1980, 184, #5] = nāc [KM]<sup>15</sup>, Iraqw nāc (-ts) “to lick” [Mgw. 1989, 116] = nāc (-ts) “to lick with the tongue” [MQK 2002, 78].

**929. AA \* $\sqrt{nc}$  (var. \* $\sqrt{ns}$ )<sup>16</sup>** “to groan from suffering” > Sem. \* $\sqrt{nss}$  “1. to suffer, 2. complain” [GT]: Akk. nasāsu “wehklagen” [GB] = “klagen, jammern” [AHW 753] || Hbr. nss I (GB: unsichere Wurzel): qal part. nōsēs “(ein Kranker)” [GB 508] = “to stagger, despair (?)” [KB 703], Syr. \* $\sqrt{nss}$  “krank sein”: nsīs “krank, elend” [GB, AHW] | Ar. nāsīs- “1. faim violente, 3. peine, fatigue, 4. dernier souffle de la vie”, nāsīs-at- “dernier souffle de la vie”, cf. nasnasa I “être faible, débile” [BK II 1244, 1253] ||| NBrb.: Mzg. i-nziz “chanter à voix basse, fredonner, lamenter chants tristes, funèbres, se lamenter en chantant”, a-nza, pl. a-nzat-n “gémissement, geignement mystérieux entendus à la tombée de la nuit près de la tombe d’un assassiné ou d’un inconnu (on dit que ces gémissements sont des appels à la vengeance)” [Tf. 1991, 512] ||| WCh.: Hausa nīsà “1. to groan, rumble, 2. keep on thinking regrettfully of dead or absent person” [Abr. 1962, 705]. Cf. AA \*n-ʒ/ʒ (supra).

**930. AA \* $\sqrt{nc}$**  “to descend, sink” > Sem.: Ar. nss I: nassa “4. descendre à l’eau, à l’abreuvoir, à une aiguade (se dit d’une troupe de nomades, des pâtres, etc.)” [BK II 1243], cf. Yemeni Ar. nsl [root ext. -l?] I: nasal “to sink down, sink together”, II “to let down”, V “to lower o.s. down” [Piamenta 1990–1, 484] ||| Eg. ns “vom Einsinken des Fußes in den Ackerboden” (Med., Wb II 320, 19) = “to sink, settle into (cultivated ground)” ≈ dfj n hrw “penetration downward” (Breasted l.c. infra) = “einsinken” (GHWb 430), cf. ns.wt “eine Krankheitsscheinung am Nacken wirbel: Senkung o.ä. (?)” (Med., Wb II 324, 16) = “displacement” ≈ hrp “to sink” (Breasted 1930, 334–5, 337) ||| NBrb.: Mzg. a-nz ~ u-nz “se soumettre, se baiser, s’incliner”, a-nnaz “1. soumission, 2. attitude humble, modeste” [Tf. 1991, 512] | Shenwa a-nz “s’abaisser” [Lst. 1912, 148] | Qabyle a-nez “1. s’incliner, 2. se soumettre”, zzi-nez “s’abaisser (surtout au sens fig.)”, a-nnuz “abaissement, attitude humble” [Dlt. 1982, 589] ||| WCh.: Hausa níca (-ts-) “2. to penetrate into, 3. vanish”, níco “1. vanishing below the water, 2. swimming under water, 3. being hidden” [Abr. 1962, 705–6] = ni/uc- (-ts-) “to abate, sink, vanish” [Skn. 1996, 209]<sup>17</sup>, Gwandara nūču “1. to dive, sink” [Mts. 1972, 91] || CCh.: Margi nčù “1. to plant (GT: < orig. \*‘to plug in’), 2. immerse, dive” [Hfm. in RK 1973, 127] || ECh.: (?) Gadang násī “tomber” [Jng. 1990 MS, 14, #257].

<sup>15</sup> Ch. Ehret (l.c.) affiliated this stem with Dahalo *nyānyánṭe* “leech”.

<sup>16</sup> The sibilant correspondences are controversial. Sem. \*s = Brb. \*z < AA \*c, whereas Hausa -s- < AA \*-s-/\*-č-.

<sup>17</sup> N. Skinner (1977, 43) equated Hausa *nuce* (-ts-) “to sink” with NBauchi \* $\sqrt{nṣ}$  “to swim” [GT]. Later, Skinner (1996, 209) combined the Hausa word with CCh.: Mofu-Gudur *nas-* “1. endommager, abîmer, gâter, (se) perdre, 2. handicaper, 3. maudire” [Brt. 1988, 201] (GT: cannot belong here, since its basic meaning was hardly “to sink”) || ECh.: Migama *núuḍyó* “enfoncer, plonger” [JA], Bidiya *noody-* “enfoncir” [AJ] and a number of impossible comparanda such as, e.g., ECu. \*no<sup>c</sup>- “to sink”. Similarly, O. Stolbova (2005, 136, #513) derived the Hausa verb from PCh. \*nV[č]- “to sink, plunge” in comparison with Migama *núuḍyó*, which, indeed, represents a plausible alternative (Hausa c < both AA \*c and \*č).

**931. AA \* $\sqrt{n}$ cnc “bird sp.” > Sem.: (?) Akk. naṣnaṣu (act. to be read \*nasnasu?) “(a bird)” [CAD n₂, 49] = naṣnāṣu/ū “ein Vogel” [AHW 757]<sup>18</sup> || Ar. nasūs- “sorte d’oiseau plus grand qu’on moineau, et plus petit qu’une perdrix (il a la tête très-grosse et vit dans les montagnes)” [BK II 1243] vs. nusnūs- “nom d’un oiseau à large tête, qui habite les montagnes” [Dozy II 668] ||| Eg. nsns (pl.) “ein Vogel (erwähnt bei der Einrichtung des Geflügelhofes für Amun)” (XIX. 1×: Sethi II, MWNR 506) = “Art Vögel (im Geflügelhof)” (GHWb 432).**

**932. AA \* $\sqrt{n}$ c[h] “porcupine” > NBrb. \*i-nisi<sup>19</sup> “hérisson” [GT]: e.g., Shilh i-nisi “Igel” [Vcl.] | Mzg. i-nsi, pl. i-ns-an [Tf. 1991, 498] | Botiwa i-nsi, pl. ins-awen [Biarnay 1911, 186] | Wargla i-nsi [Dlh. 1987, 225] | Qabyle i-nsi, pl. i-nisi-wen ~ i-nis-an [Bgc. 1998, 305; Dlt. 1982, 576] | Nefusa i-nsi [Mtl. 1904, 126], Izdeg i-nsi [Mrc. 1937, 137] ||| CCh.: Mafa-Mada \*(N)cəhi(d) “porcupine” [Rsg. 1978, 305, #538]. Perhaps related to Eg. nh̥s “stechen (von einem Insekt)” (NE, Wb II 303, 2) ||| Sem. \*nāḥāš- “Schlange” [Hinz 1992, 268] via metathesis.**

**933. AA \* $\sqrt{n}$ cr “to bleed (nose)” > SEth.-Sem., e.g., Amh. nässärä(w) “1. to have a nosebleed, 2. form (pools of melted butter on the surface of cooking sauce), 3. (fig.) predominate, preponderate, be more than”, näsära “having a nosebleed, bleeding from the nose”, cf. nässärä “to sweat, form on the body (perspiration)” [Kane 1990, 1023] and Tigre  $\sqrt{v}$ nsr “to bleed” [Lsl. 1979 III, 462] (GT: borrowed from Cu. or vice versa?) ||| Brb. \* $\sqrt{n}$ zr “saigner du nez” [NZ]: NBrb.: Shilh wwunzer “saigner du nez” [NZ] | Mzg.  $\sqrt{n}$ zr: Zayan g/kunzer ~ Izdeg munzer “saigner du nez” [Tf. 1991, 514] | Uriaghel, Iboqqoyen, Senhazha  $\sqrt{n}$ zr: funzär “saigner du nez” [Rns. 1932, 393], Mzab ggunzer “saigner du nez” [Dlh. 1984, 61–62], Wargla mmunzər “saigner du nez” [Dlh. 1987, 232] | Qabyle funzr ~ wunzr “saigner du nez” [Chaker 1972–3, 87: prefix f-/w-] || EBrb.: Ghadames fənzər “saigner du nez” [Lnf. 1973, 90–91, #399] = fenzer [NZ] || WBrb.: Zenaga  $\sqrt{n}$ žr: ūžər “saigner du nez” [Ncl. 1953, 239] || SBrb.: Hgr. ā-ňher “sang s’écoulant par les narines dans un saignement de nez”, fuňher “avoir la narine coupée (par l’arrachement de l’anneau de nez)” [Fcd. 1951–2, 1355], Tadghaq and Tudalt e-nžär, pl. e-nžär-än “nosebleed” [Sudlow 2001, 281] ||| NAgaw: Bilin násar “aus der Nase bluten”, násará “Blutung, Blut aus der Nase” [Rn. 1887, 286], Kemant násir “saignement du nez” [CR 1912, 238] ||| NOm.: Mocha (borrowed from Amh.) násiri(yé) “to bleed” [Lsl. 1959, 44]. The first radical (f-, m-, k-, g-, w-) in the root type  $\sqrt{C}_1$ nzr, which frequently occurs among Brb. reflexes (cf. Lst. 1931, 292; NZ 2002, 367–8), may be a secondary non-etymological root extension.**

**934. AA \* $\sqrt{n}$ ç “to be wise” > NBrb.: Zayan and Sgugu  $\sqrt{n}zz$ : nezz “être intelligent, avoir du bon sens” [Lbg. 1924, 573] ||| WCh.: Hausa nícu “to come to his senses”, nícé “to reflect”, nícaccéé “person of reflection”, nícoó ~ nícúuwáá (f) “being a person of foresight, being a person of reflection” [Abr. 1964, 705–6]**

**935. AA \* $\sqrt{n}$ ç “to oppose” > Sem. \*n?ṣ: Akk. na?āṣu > nāṣu “geringschätzig ansehen” [AHW 758] || Ug. n?ṣ “verachten, beschimpfen” [Ast. 1948, 216, #9; WUS #1731] = “to despise, insult” [DUL 612], Hbr. n?ṣ qal “verschähen, verwerfen (Lehre, Warnung), jem. verächtlich etwas absprechen”, piel “unter Verhöhnung verwerfen” [GB 477] = qal “mépriser, dédaigner,**

<sup>18</sup> W. von Soden (AHW l.c.) compared the Akk. term with Ar. *nađnāđ-* “bösertig zügelnd(e Schlange)” [AHW]. L. Kogan (SED II 222, #168) explained the Akk. form from his PSem. \*na/iṣ(ṣ)- “kind of bird”, whose reflexes, however, usually denote “hawk” or “falcon” and, suspiciously, do not display the reduplicated root structure  $\sqrt{C}_1$ C<sub>2</sub>C<sub>1</sub>C<sub>2</sub>.

<sup>19</sup> W. Vycichl (2005, 78) assumed PBrb. \* $\sqrt{k}nsy$  with a shift of \*k- > \*y-, cf. Hgr. ḗ-kenisi “Igel”, but the additional first radical here might alternatively be interpreted as a root extension.

repousser” [Gray 1933, 128, #57], JAr. *neʔūṣā* “Schmähung” [Ast.] ||| Eg. *ndj* “feindlich” (GR, Wb II 369, 8) = “hostile towards” (PL 565), *ndj.t* “Schlechtigkeit” (MK, Wb II 269, 9) = “bassesse, infamie” (Žabá 1956, 119) = “Bosheit” (Fecht, LÄ I 648) = “\*Anmaßung, \*Geiz, \*Sparsamkeit” (GHWb 447) ||| WCh.: Pero *nóddì* “offence”, *nóddò* “to offend” [Frj. 1985, 43–44]

**936. AA \**vnç* “to cry” > Sem.: Ar. *naṣṣa* “11. produire un bruit (la viande que l'on fait rôtir, de l'eau qui bouillonne, etc.)”, *naṣṣa*? “3. stimuler à la marche de sa voix (une bête de somme)” [BK II 1267–8] ||| NBrb.: Mzg.-Izdeg *vnz*: *nzi* “1. glapir, 2. chainter (chouette), 3. gémir, 4. pousser des cris dûs à la douleur, à la souffrance” [Tf. 1991, 515] ||| ECh.: Migama *néddyò* “1. gémir, 2. contracter le vente” [JA 1992, 109].**

**937. AA \**vnç/çP* “to be vivid” > Sem.: Ar. *nṣf* [Ar. *ṣ* < AA \**ç*] IV “7. faire vite, promptement, avoir été prompt et expéditif” [BK II 1273]<sup>20</sup> ||| NBrb.: Mzg. *nṣef* [Mzg. *ḍ* < AA \**ç̥*] “1. être (r)avivé, irrité (plaie, blessure), se reuvoir, 2. souffrir d'une ancienne blessure, avoir une blessure qui s'est rouverte” [Tf. 1991, 466]. For the glottal sibilant correspondences cf. Takács 2006, 48–63.**

**938. AA \**vnçh* “to examine” > Sem.: Hbr. *nṣh* piel “1. to inspect” [KB 716] ||| NBrb.: Mzg. *vnz*: *nṣu* “1. observer, regarder, 2. considérer, examiner”, *i-nzi* “1. observation, examen, 2. perspicacité, 3. clairvoyance” [Tf. 1991, 515].**

**939. AA \**vnçr* “to rain” > Sem.: Ar. *naṣara* I “3. arroser abondamment le sol (se dit de la pluie)”, *ma-nṣūr-at-* “(sol) arrosé abondamment d'eau” [BK II 1271–2] ||| Brb. \**a-nṣar* “rain” [GT]:<sup>21</sup> NBrb.: Shilh *a-nṣar* “pluie” [Mnts. 1999, 165] | Tamazight *a-nṣar* “pluie” [Tf. 1991, 516], Izdeg *a-nṣar* “pluie” [Mrc. 1937, 196] | Wargla *a-mṣar*, pl. *i-muṣar* “pluie” [Dlh. 1987, 204] || EBrb.: Ghadames *a-naṣar* “pluie” [Lnf. 1973, 256, #1206; Dlt. 1982, 593], Sokna *a-mṣār* “pioggia” [Sr. 1924–5, 23], Djerba *á-nṣar* “pluie” [Saada 1965, 499] || SBrb.: EWlmd. *a-nṣer* “vent frais d'automne avec pluie légère”, Ayr *a-nṣer* “vent de sable léger avec orage et pluie légère” [PAM 2003, 640].**

**940. AA \**vnçl* “to (be) split” > MSA: Mehri *náṣṣəl* “to come to pieces, come apart (gun)” and CJibbali *nútṣəl* “to come to pieces, come apart (gun, dagger)” [Jns. 1987, 301] ||| NBrb.: Tamazight *vnz̥l*: *nzel* “se gercer, être gercé, se crevasser (surtout les pieds)”, *i-nuzla* “gerçures, crevasses” [Tf. 1991, 516].**

**941. AA \**vnçl* “to take (away)” > Sem. \**nṣl* “herausreißen” [AHW] = “herausziehen” [Soden 1968, 177]: Akk. (OBab.) *naṣālu* “hinausbringen (??)” [AHW 755] || Hbr. *nṣl* *qal* “herausziehen, -reißen”, *nifal* “sich retten”, *piel* “1. plündern, rauben, 2. aus der Gefahr reißen, retten, befreien” [GB 517–8] | Ar. *nṣl* II “2. ôter, extraire, tirer, 5. délivrer qqn. de qqch., acquitter”, V “1. tirer, extraire, arracher qqch., 4. enlever à qqn. tout ce que celui-ci possérait” [BK II 1274–5], Yemeni Ar. *naṣal* “wegnehmen, -werfen” [Deboo 1989, 197] || Geez *naṣala* “to detatch, separate” [Lsl. 1987, 404–5] ||| Eg. *ndrj* “fassen, packen” (OK-, Wb II 382–3) = “to take hold of” (Allen 1984, 582) = “saisir, retenir, emprisonner” (Cannuyer 1983, 27)<sup>22</sup>.**

<sup>20</sup> For the semantic shift cf., e.g., IE \**gʷeiw-* “to live” > French *vite*, English *quick*.

<sup>21</sup> The widespread (e.g., Stumme 1914, 106; Mkr. 1963–6, 181–2, #76; Bnd. 1975, 180, #63.2) comparison of the Brb. word with Ar. *maṣar-* “rain” has been correctly rejected by A. Militarev (2005, 373, #65), since Brb. \**z* does not correspond to Sem. \**t*.

<sup>22</sup> The etymology of the Eg. root has been disputed. K. Piehl (1893, 252–3), followed by K. Sethe (1912, 96), M.K. Feichtner (1932, 224), W. Vycichl (1933, 179), F. von Calice (GÄSW 168–9, #684), P. Kaplony (KBIÄF 160,

**942. AA \*√ns ~ \*nys** “1. to breathe, 2. rest” > ECu. \*na/ess-<sup>23</sup> “1. to breathe, 2. rest” [Sasse]: PSam \*nas “to rest” [Heine 1978, 69/61]: Somali nas-ad- “to breathe, rest” [Sasse], Rendille a-nasa “ich ruhe (mich aus)” [Schlee 1978, 142] = nás “to breathe, rest” [Heine] | Elmolo nás-i “atmen” [Heine 1973, 279], Konso ness-a “soul, breath, noise” [Sasse], Gidole nass “voice, character” [Sasse] | Dullay \*nass-ad- (med.) “to breathe” [GT]: Dobase, Gollango, Gawayada nass-ad- “atmen (to breathe)”, hence Dobase, Gollango nass-o “Atem, Seele, Leben” [AMS 1980, 176, 230; Black 1976, 228], Tsamay nass-ad “to breathe, rest” [Sava 2005 MS, 249] > Ongota na?s-ad ~ nas-ad “1. to breathe, 2. rest” [Flm. 1992, 214] | Yaaku nes-i “breath” (only in compounds) [Sasse] (ECu.: Sasse 1979, 23, §4.13) ||| NOm.: Gimirra/She nāys (falsely recorded as nars by Montandon) “vento” [CR 1925, 622] ||| PCh. \*√ns ~ \*√nys “1. to breathe, 2. rest” [GT]<sup>24</sup> > WCh.: Mangar nyés la “to rest”, mí-nyés “to breathe”, Karfa nyés “to breathe”, Kulere nos “to breathe” (Ron: Seibert 2000 MS, #f013–4) | Ngamo nèèsùm “to breathe” [Alio 1988 MS], Bole noss- “ruhen” [Lks. 1971, 137], Pero néččo “(to) rest” [Frj. 1985, 43] | Bubbure nósiná “to breathe” [Haruna 1992 MS, #f104] || CCh.: Zime-Dari nyís “esprit, âme, souffle vital, ombre” [Cooper 1984, 20] || ECh.: Migama náàsò “respirer”, cf. násaw “se reposer pour prendre souffle” [JA 1992, 109], Bidiya nees “respirer”, nésò (f) “respiration” [AJ 1989, 101] | Birgit nésí (nésá, nésò) “se réposer” [Jng. 2004, 357].

**943. AA \*√ns** “(to) place, (take a) seat” > Eg. ns.t “1. Sitz, 2. Thron” (OK-, Wb II 321–3) = “1. Stelle, Sitz, 2. Ansehen” (Giza, IV., Pusch 1974, 22) = “Untersatz: une sorte de support de vase, base d’objet” (Abusir: V., Kaplony 1972, 206; 1976, 194, C17, 674) = “base” (VIII., Gdk. 1994, 79) = “Basis (einer Rampe), meist als ‘Abdeckpflaster’ übersetzt oder Ziegelabdeckung,

n. 208), and P. Lacau (1972, 35, #40), explained it (via prefix *n-*) from a hypothetical Eg. \*dr “packen” that also supposedly underlies *dr.t* “Hand” (act. “Greifer”), which Vycichl affiliated with NBrb.: Shilh ger “fassen”. Ch. Cannuyer (1983, 27), in turn, derived it from Eg. *dr* “retenir, faire, obstacle, empêcher” (Wb V 595, 5–9). In works by the “old school”, it is usually identified with Sem. \*nṭr (sometimes misquoted as \*nṣr!) “to guard” [Hodge] (cf. ESS §12.a.18, §24.b.5; Hodge 1984, 416), which is very weak semantically. V. Orel and O. Stolbova (1992, 198; HSED #957), in turn, equated it with ECh. \*gʷar- “to seize”, which does not explain Eg. *n-*. Elsewhere in that very same paper (!), they (OS 1992, 196) compared Eg. *ndrj* with CCh. \*nadir- (!) “to hunt”.

<sup>23</sup> H.-J. Sasse (1979, 59) affiliated this ECu. root with the Saho prefixal verb -mfs-/mfs- and verbal noun *nafs-e/nefs-e*, recorded by L. Reinisch (which is, however, a modern borrowing from Ar.), and, based on this, assumed a shift of the primary cluster \*\*-fs- > \*-ss- in the rest of the ECu. parallels, which appears rather unlikely in the light of the Ch. cognates.

<sup>24</sup> Ignoring the evident Cu. reflexes, V. Orel and O. Stolbova (HSED 400, #1853) mistakenly combined some of the Ch. reflexes with a certain Sem. \*nVšā- “to introduce a medicine through the nose” and Brb. \*nV[c]- “to sneeze” to reconstruct AA \*nečā- “to inhale through the nose”. Later, O. Stolbova (CLD I 132, #492) changed her view and equated the Ch. root with Sem.: Akk. nēšu “1. to live, stay alive, recover” [CAD n<sub>2</sub>, 197] = “(auf)leben, genesen” [AHW 783], but its OAkk. form, na?āšum, clearly indicates a different root (von Soden in AHW l.c.: √n?<sub>3/4?</sub>š), which, moreover, has long been supposed (by W. F. Albright 1927, 208 and J. Aro 1964, 165) to correspond to Ar. na?āša “1. relever qqn. qui a trébuché ou qui est tombé, 2. soulever de terre (un mort, le cadavre), et le mettre sur le brancard, 3. relever qqn., le tirer de la misère (se dit de Dieu)” [BK II 1294] = na?āša I “1. erheben, stützen, 2. zum Aufblühen bringen” [Brk.] = na?āša I “i.a. to set someone up and strengthen his heart”, na?š- “lastingness, endurance, permanence, continuance” [Lane 2816] = n?š IV “dégourdir, ranimer, ravigoter, rendre des forces, rendre la vie, faire revivre, rendre les forces” [Dozy II 690] = n?š I “heben, beleben” [Aro] = n?š VIII “tirer ou prendre de la force, se ravigoter” [Fagnan 1923, 174] || MSA: Jbl. n?š: en?éš “to recover from an illness” [Jns. 1981, 178]. Cf. perhaps also Eg. n?š “stark (besonders vom Löwen und Stier, von den Hörnern, Schenkeln, Armen), laut (vom Geschrei, Gebrüll)” (NE-GR, Wb II 209, 12–21) = “stark sein, wüten” (Lange 1925, 37) = “fierce, raging” (Hoch 1994, 183–4, #246) ~ n?l (Urk. IV 1963:4) < MK \*n?l “strong” attested in n?l.w “les (démons) féroces” (CT V 390f, Meeks 1997, 44, #246) = “the strong ones” (DCT 202) > Cpt. (S) nooŋe “to be strong (of bad smell)” (CD 236a; CED 114). For Eg.-Ar. see Brk. 1932, 106, #28 (declined by F. von Calice in his GÄSW 160, #647).

aber besser ist Basis, eine Art Untersatz, Fundament” (Fischer-Elfert 1986, 126, 300)<sup>25</sup> > Dem. ns<sup>2</sup>.t (Spg., OLZ 14, 1911, 258) ><sup>26</sup> Cpt. (S) NHCE (f) “Bank, Mastaba” (Spg. KHW 78) = “bench, seat (?)” (CD 229a; CED 110) = “banc, siège” (Vrg. 1973 Ib, 156; DELC 144) = “Treppe, Stufe” (KHW 125 and fn. 6 with lit.; NBÄ 25, 324 pace Fecht 1960, §374; Franke 1984, 121, #1153; Peust 1992, 119, fn. 13)<sup>27</sup> ||| NBrb. \*√ns<sup>28</sup>: Shilh a-nsa “emplacement, aire” [Jordan 1934, 37] | Mzg. a-nsa, pl. a-nsi-wn “endroit, lieu, campement, place” [Tf. 1991, 497; Peyron 1991, 294] | Taghzut a-nsi “endroit” [Rns. 1932, 393] ||| Bed. nīs (m) “pad under saddle to protect animal’s back (for camel saddle there are two: one in front and one behind hump)” [Rpr. 1928, 225] = nīs (f) “pad under camel saddle”, nis “to saddle up” [Hds. 1996 MS, 101] ||| WCh. \*nVs- “to put down” [Stl.]<sup>29</sup>: Hausa násà “to put, place” [Abr.] | Buli náasə “to put down” [Csp.] (WCh.: Stl. 2005, 133, #495a) || CCh.: Bura nsi “sich setzen, bleiben, werden” [Hfm. in RK 1973, 94].

**944. AA \*√ns** (var. \*√nys) “1. fire, 2. to burn” > Sem.: (?) Ar. ?anīs-at- “feu” [BK I 61] ||| Eg. njs “flame” (CT II 18a, AECT I 80, spell 77, n. 1; AL 78.1989; El-Sayed 1987, 64; GHwb 393) vs. ns “to burn” (CT I 395e, III 337f, 338e, AECT I 192, spell 246, n. 2; DCT 245) = “brennen” (PT 276b<sup>WT</sup>, Kahl 1992, 111) vs. ns “1. Flamme, Feuer, 2. (GR) auch: Dürre” (MK-, Wb II 324, 14–15) = “flamme” (MK, Jéquier 1921, 296) = “flame” (CT, AECT I 212–3, spell 283, n. 2) = “Flamme” (PT 323d<sup>W</sup>, Kahl 1992, 111) > (?) OCpt. nec “Flamme” (KHW 525)<sup>30</sup> vs. nss “fire” (CT VII 262i, 297c, 503i, Lesko 1972, 145) vs. ns.wt “flame” (FD 139)<sup>31</sup> ||| WCh.: Bokkos nyeš “verbrennen (intr.)”, ?anyēš “Brand, Verbrennung” [Jng. 1970, 145], Daffo-Butura nyēš “1. sich (ver)brennen” [Jng. 1970, 219], Bokkos, Daffo-Butura nyeš “to burn” [Magwa et al. 1985, 10] || CCh.: Muktele názáy “to roast” [Rsg. 1978, 315, #589] < Ch. \*nVs- “to burn (tr./intr.)” [Stl.]. For Ar.-Ch. see Stl. 2005, 132, #493.

**945. AA \*√ns** “1. to hit, 2. pierce, wound” > Sem.: Ug. √nsy G “to hit, lash (the legs)” [DUL 645] ||| Eg. ns “Verletzung (?)” (NE, Wb II 321, 4) = “wound” (Massart 1954, 97, n. 4: perhaps

<sup>25</sup> For S. Köpfstein (1989, 21, §9) there is “kein Hinweis, daß es um einen konkreten Gegenstand handelte, wie etwa Thron o.ä.”, so ns.t must have denoted rather “ein Abstraktum, eine bestimmte Würde, die für den König mit dem Thron verbunden war und später auf den Privatmann übertragen wurde”. There have been several other conceptions on the origin of Eg. ns.t. Following E. Edel (AÄG xxxix, lxiv) and G. Fecht (1960, 181, fn. 508, §374), J. Vergote (1973 Ib, 156), J. Osing (NBÄ 324), and Barta (1978, 11) saw in it an *n*-prefix form of Eg. s.t “Sitz”, which H.-W. Fischer-Elfert (1986, 126) modified to an *m*- prefix, whose “wegen des -s- dissimilierte Variante” was *n*- . H. Satzinger (1994, 203, #53) reconstructed an OEg. \*lūs.t for both ns.t and ȝs.t “seat, place” (following the scholars who assumed a common origin for both words, cf. Wst. 1962, 22, fn.1; 1987, 460; Hodge 1976, 13, #102; Barta 1978, 11; Peust 1992, 119, fn. 13), which is disproved by at least two circumstances: (1) the first radical of Eg. ns.t was [n], not [l], cf. Cpt. (S) NHCE, (2) Eg. ȝs.t should have been spelled as simply s.t. W. Westendorf (1987, 460) explained both s.t and ns.t “Sitz” from his hypothetical Eg. wȝs “heben, erhöhen, tragen”. C.T. Hodge (1976, 13, #102) affiliated it with Sem. \*nȝ? “to carry, raise”.

<sup>26</sup> The Cpt. < Eg. etymology was rejected (or, at least, abandoned) in the Wb (cf. Vrg. 1950, 291).

<sup>27</sup> Supposed source of Greek προνήσιον “banc accolé au mur (dans une dizaine de documents)” with an additional prefix προ- (Fournet 1989, 71, §13 and fn. 52: cf. Husson, CdÉ 51, 1976, 167–8).

<sup>28</sup> M. Taifi (l.c.) speculated (with a question mark) about a derivation from Brb. \*√ns “passer la nuit”.

<sup>29</sup> Equated by O. Stolbova (l.c.) with Akk. na?āšu “to throw down” [CAD].

<sup>30</sup> The OCpt. (better: LEg. in Cpt. script) word was derived by J. Osing (1976, 108; NBÄ 178), followed by W. Schenkel (1983, 227), from Eg. nsr, which, however, does not explain the zero reflex of the last syllable.

<sup>31</sup> Usually regarded as a written variant of Eg. nsr (Wst. 1962, 31, §47.4; AECT III 156, spell 1099, n. 32; ZÄS 117, 1990, 109; WD I 113; Kahl 1992, 111; DCT 245; ÄWb I 662a; Meeks 2005, 247, #656a). But Ch. Cannuyer (1990, 109) correctly separated Eg. ns from nsr, although, instead, he was inclined (pace Goodwin 1867, 87) to explain ns as a figurative use of Eg. ns “tongue” (cf. Akk. lišān girri “langue de feu”, AHW 556, 698).

an error for npz “Verletzung”) vs. nsns “(Verbum: von den Fingern im Vergleich mit einem Opferstier)” (NE 1×: Pap. Anastasi I 16:5, Wb II 335, 1) = “découper” (Alliot) = “to prance (?) or show off (?) or be swift (?) or cut up (?)” (DLE II 34) = “zerlegen, tranchieren bzw. zerteilen (Lebensmittel für die Soldaten)” (Fischer-Elfert 1986, 138, n. y) = “zerschneiden (?)” (GHWb 432) > late Eg. nsns (glossed nacnec) “zerschneiden” (Pap. Tebtunis, Osing 1998, 54, 83–84, n. s) ||| WCh.: (?) Suroid \*nas (suppletive pl. stem of \*čit/\*čut) “to hit repeatedly” [Takács 2004, 266]: Mupun nás (pl. of čít) “to beat”, hence wèt-nás (proper name, lit. ‘spend the day beating’, cf. wēt “to spend the day”) [Frj. 1991, 36, 41], Kofyar nás “to whip, hit many times (cf. čut ‘to hit once’)” [Ntg. 1967, 28], Chip nas (pl.) “schlagen” [Jng. 1965, 166–167] ||| ECh.: Ngam nesí and Mobu nose “percer” [Lns. 1982, 110].<sup>33</sup>

**946. AA \*√ns** “to (be) destroy(ed)” > Sem.: (???) Ar. √nss: nasīs- “1. faim violente, 3. peine, fatigue, 4. dernier souffle de la vie” [BK II 1244]<sup>34</sup> ||| Eg. nss “(be)schädigen (Statuen, Inschrift)” (MK 1×, LP, Wb II 336, 12–13; Osing 1998, 212 and fn. 1034 with lit.) = “maudire, jeter un sort” (Ward, JNES 37, 27, fn. 28 quoted in AL l.c.) = “détruire, endommager” (AL 78.2239) = “beschädigen, verstümmeln (Statue)” (1<sup>st</sup> IMP: X., ÄWb I 662b, II 1347a)<sup>35</sup> ||| NBrb.: Sened √ns: e-ns “s’êteindre”, se-ns “éteindre” [Prv. 1911, 113] ||| CCh.: Mofu-Gudur ‘nəs- “1. endommager, abîmer, gâter, (se) perdre, 2. handicaper, 3. maudire” [Brt. 1988, 201]. Related to the preceding AA root?

**947. AA \*√ns** “to be distant” > Sem.: Ar. nss I “1. s’eloigner rapidement” [BK II 1243] ||| WCh.: Hausa níísáá “distance”, níísóó “to approach”, néésà (adv.) “far away, from afar, to afar” [Abr. 1962, 703, 705], Gwandara nisa ~ niša “1. far distance, 2. long time” [Mts. 1972, 88].<sup>36</sup>

**948. AA \*√ns** “to suffer from a mental disease” > Sem.: Ar. √nsw ~ √nsy I: nasa “devenir hébeté, s’engourdir (rebotarse, hebeo, hebesco)”, nisy-ān- “léthargie (letargia dolencia)” [Dozy II 668], cf. Yemeni Ar. √nws I: nás “to have a severe headache” [Piamenta 1990–1, 500] ||| Eg. nsj.t “eine Krankheit” (Med., Wb II 324, 11) = “epilepsy” (DLE II 31) = “Epilepsie” (Wst., LÄ II 517; GHWb 431) = “unknown disease caused by a disease-demon” (Nunn 1996, 223) = “eine dämonische Krankheit, wohl Epilepsie” (Osing 1998, 70–71, n. i with further lit.)<sup>37</sup> ||| WBrb.:

<sup>32</sup> This rendering would be externally supported by a comparison with Ar. *nasnasa* “faire marcher devant soi en stimulant à la marche”, *nasnās-* “1. marche rapide, 2. rapide (voyage qu’on fait de nuit)” [BK II 1253].

<sup>33</sup> V. Orel and O. Stolbova (HSED #1838) equated the ECh. data with WCh.: Hausa *náše*, mistranslated by them as “to pierce with spear”, when, in reality, it means “to throw a spear at someone” [Abr. 1962, 700]; this led them to a false reconstruction of AA \**nahas-*.

<sup>34</sup> Completely uncertain reflex, which seems better to be explained < Ar. √nss I “6. être sec, séché, vieux (pain)” [BK II 1243].

<sup>35</sup> In Egyptological works (e.g., Wb II 336; Vrg. 1950, 293; CED 74; KHW 80; DELC 99; Stz. 1994, 198), Eg. nss is usually regarded as the Pharaonic etymon of Cpt.: (SF) λωωc, (SBF) λωc, (A) λογε (?) “1. (intr.) to be bruised, crushed, 2. (tr.) to bruise, crush, percutere” (CD 145a) = “(zer)brechen, zerstoßen” (KHW) = “casser, briser” (DELC), which is hindered by two fundamental circumstances: (1) a significant semantic anomaly and (2) the fact that the MK verb belongs to the root class of IIae gem., which should have regularly yielded Cpt. (S) \*λcoc (NBA 46, §2.32), whereas (SF) λωωc with its double -ωω- reflects a totally different root type (e.g., \*lC<sub>2</sub>s, where -C<sub>2</sub>- = -ʒ- or -r- > -j-). J. Černý’s (CED 74) comparison of Eg. nss with Aram. *rəsas* “to crush” [Dalman 1922, 386] is unacceptable because of the irregular initial radicals. The AA etymology (AA \*-ŋoč- “to be damaged, not function right”), offered by Ch. Ehret (1995, 323, #629) for Eg. nss, is also out of question.

<sup>36</sup> This Ar.-Hausa comparison was observed by O. Stolbova (2005, 132, #494) independently.

<sup>37</sup> The rendering “epilepsy” has been recently disputed by a few philologists (Bardinet 1988, 17–18 and fn. 78; Leitz 1999, 54; 2000, 275).

(?) Zenaga  $\sqrt{nš}$  “être évanoui” [Ncl. 1953, 237] ||| NOm.: Benesho nyas? “headache” [Wdk. 1990, 108].

**949. AA \* $\sqrt{ns}$**  “to chase” > Sem.: Ar. ns? I: nasa?a “1. faire marcher, mener devant soi un chameau, 2. éloigner, reposer (ses bestiaux) de l’abreuvoir”,  $\sqrt{ns}ns$  I: nasnasa “1. faire marcher devant soi en stimulant à la marche” [BK II 1243, 1253] ||| LECu.: Elmolo anásise “schicken” [Heine 1973, 281].

**950. AA \* $\sqrt{ns}$**  “to be(come) moist” > Sem.: Ar. nasīs- “terrain fendillé par des suintements d’eau”,  $\sqrt{ns}ns$  I “suinter latéralement (parfois du puits)” [Fagnan 1923, 171–2] vs. nasīs-at- “1. humidité qui s’échappe et suinté du bois humide, à l’extrémité opposée à celle que le feu consume” [BK II 1244] ||| NBrb.: Mzg.  $\sqrt{ns}$ : nses “suinter, filtrer (intr.)”, a-nsis “suintement, infiltration” [Tf. 1991, 497] | Wargla  $\sqrt{ns}ns$ : ss-nəsnəs “tomber des gouttes de pluie, faire des gouttes”, ti-nəsnas (pl.) “gouttes éparses de pluie” [Dlh. 1987, 224] | Qabyle  $\sqrt{ns}$ : nesses “1. suinter, filtrer (intr.), 2. se glisser, s’insinuer”, t-nesses “suinter goutte à goutte, être imbiber”, a-nessis “suintement, infiltration (du sol)” [Dlt. 1982, 539, 575] ||| NOm.: (?) Yemsa nās-à “Tau” [Lmb. 1993, 371], Yemsa-Fofa nā:s-ā “dew” [Akl.-Sbr. 1993, 36] ||| WCh.: Hausa náášè [-še < \*-se] “(clothing) to become greasy with perspiration, etc., (oil) spread on clothing, (damp) permeate the house”, nās-nās “greasiness of mouth after eating oily food”, nāàsóó “perspiration” [Abr. 1962, 700] = náášè “1. to be(come) greasy, oily (clothing), be very damp (house), 2. permeate place (damp, oil)”, nāàsóó “1. exuding of damp from floor or walls, 2. greasy perspiration on garment” [Brg. 1934, 816–7]<sup>38</sup>. The Qabyle-Hausa etymology is due to V. M. Illič-Svityč (1976, #323)<sup>39</sup>. Cf. also AA \*n-č.

**951. AA \* $\sqrt{ns}$  ~ \* $\sqrt{nys}$  (or \* $\sqrt{ny}s$ ?)** “sand” > Sem.: Yemeni Ar. nays “sand”, neyseh “pebble (Kieselstein)” [Deboo 1989, 199] = niss “(fine) sand, fine pebble, earth”, ma-nāyīs (pl.), mi-nyās (sg.) “edge of field beside a stream of water, where there is plenty of sand” [Piamenta 1990–1, 502], Ar. of Hadramaut nays ~ nays-at ~ nās-at “sable” [Landberg 1901, 719], Dathina nays ~ nās “sable” [GD 2837] ||| (???) Eg. nš “Sandkörner” (LP, Wb II 338, 6) = “grains of sand” (FD 140) = “Sandkorn bzw. Sandkörner” (GHWb 434)<sup>40</sup> ||| LECu.: Afar nīs (m) “sand” [PH 1985, 175] ||| WCh.: SBauchi \*nyas- “sand” [OS] = \*ni-nyas- [HSED]: Burma ninèsí, Kir ninèesi, Laar nénèesi, Mangas nyènyèsi, Soor nyénýas, Zangwal nyénýas, Tala nyénýes, Polchi nyaaz-ən (pl.), Dikshi nyezə/nyâs, Bandas nyeezə, Buli ši-nyes, Boto (Boot) nyòñsə, Zakshi nyaàs-əñ, Zaar of Lusa nyaacə (-ts-) (SBauchi: Smz. 1978, 30, #42; Mkr. 1987, 307–8; JI 1994 II 280 pace Smz.) || CCh.: Masa \*ŋ/ɲ-̪ “sand” [JS 1981, 217A]: Zime-Dari nyēñ (-sl) “sable” [Cooper 1984, 20]. The SBauchi-Eg. etymology was first proposed by V. Orel and O. Stolbova (1992, 188; HSED #1858).

**952. AA \* $\sqrt{ns}/\hat{s}t$**  “to tear” > Sem. \*nš̪t: JArab. nəšaṭ “enthäuten, das Fell eines Tieres abziehen” [Levy 1924 III 450], Mandean  $\sqrt{nš̪t}$  “to flay” [Drower-Macuch 1963, 307] | Ar. ns̪t I:

<sup>38</sup> O. Stolbova (CLD I 231, #92) compared the Hausa root with Ar.  $\sqrt{nlt}$ , although Ar. *t*, as a rule, corresponds to Hausa č.

<sup>39</sup> Who, however, gave a false reconstruction (Nst. \*näžV “влажный”) and an unacceptable Sem. parallel (\*ndž “обрызгивать”).

<sup>40</sup> The Eg. parallel is seriously dubious, since (1) it might simply be a late reflex of Eg. nš̪ “Körner (des Sandes)” (Med., Wb II 338, 16) as suggested by J.R. Harris (1961, 201), whose final -ž [mostly < AA \*-r/\*-l] is not reflected in the Sem. and other cognates, and (2) Eg. š̪ is not a regular match for AA \*s > Sem. \*š and Ch. \*s. For Eg. nš̪, cf. also AA \*n-č-r infra.

nasaṭa “1. vider les tripes d'un animal égorgé en les tirant de la cavité du ventre, et en les serrant avec la main, 2. tordre le linge mouillé pour en faire écouler l'eau”, nusuṭ- “ceux qui extraient le fœtus du ventre de la mère dans un accouchement difficile” [BK II 1249] = “to extract, empty” [Drower-Macuch] vs. Sem. \*n̪ṣṭ: Ar. n̪ṣṭ I: našaṭa “6. enlever qqch. et serrer fortement, 7. retirer qqch. promptement, avec vigueur et d'un seul effort (p.ex. le seau du puits sans le secours de la poulie”, VIII “3. enlever l'écailler du poisson, 4. arracher les herbes avec les dents (se dit des bestiaux)” [BK II 1261–2] | | Jbl. n̪ṣṭ “to untie, undo, open, unload” [Jns. 1981, 195] | | | CCh.: Uldeme nzàd [nz- < \*ns- or \*nĀ- < AA \*v̪n̪ṣ-?] “arracher” [Clm. 1987, 77].

**953. AA \*v̪nsk ~ \*v̪snk** “to kiss” > Sem. \*nšk “küßen” [AHW 758–9; MM 1983, 183] | | | HECu. \*sunk- “to kiss” [Hds. 1989, 87]. Borrowing from ES excluded because of the metathesis.

**954. AA \*v̪nsr** “to blow the nose” > Eg. nz<sup>2</sup> [act. \*ns<sup>2</sup> < \*nsr?]⁴¹ (nose det.) “to blow out (of one's nose)” (CT III 100d, AECT I 159; DCT 245) = “\*ausschnauben” (ÄWb II 1331b-c) | | | NBrb.: Rif nsar “moucher” [Tilmantine 1998, 113], Ait Said v̪nsr: e-nsā “se moucher” [Allati 1986, 34], Mzab ə-nsəṛ “être mouché, se moucher, expulser” [Dlh. 1984, 140], Wargla v̪nsr: ə-nsəṛ “se moucher, être mouché, essuyer le nez” [Dlh. 1987, 225] | Qabyle v̪nsr: e-nser “se moucher”, but also “1. se moucher, 2. avoir un grand nez” [Dlt. 1982, 577, 592] | | EBrb.: Ghadames e-nser ti-nzer-t “se moucher” [Mtl. 1904, 138] = a-nsir-en (pl.) “morve” [Lnf. 1973, 248, #1170] | | SBrb.: EWlmd. a-sé-nsīr “morve (viscosité)” [Ncl. 1957, 62], EWlmd. i-nšer-ān, Ayr ə-nšer-ān (pl.) “mucosités du nez, morve”, EWlmd.-Ayr šə-nšəṛ (caus.) “faire sortir par les narines (mucosités nu nez), (se) moucher” [PAM 2003, 628] | | | ECh.: (?) Mubi njiséèr [ŋ- < ?] “sich schneuzen” [Lks. 1937, 184] = njèsér (njisîr, njiséèr), pl. njásár (njisîr, njisáàr) “(se) moucher” [Jng. 1990 MS, 36].

**955. AA \*v̪n[s]r** (var. \*v̪n̪zr?)⁴² “1. fire, 2. to burn” > (?) Sem. \*v̪rsn (met.?)⁴³ “to burn” [GT]: Dathina Ar. v̪ršn: rišin “être allumé”, rašan “allumer” [GD 1281] | | ES \*v̪rsn: Geez räsnä “entzünden, verbrennen” [Müller] = rasna “to glow, be red-hot, be heated, be inflamed”, rəsn (rasn) “(burning) heat, heating, incandescence” [Lsl.], Tna. räsänä “to be very hot” [Lsl.], Tigre ränsna “to glow” [Lsl.] etc. (ES: Lsl. 1987, 474) | | | Eg. nsr “brennen” (PT-, Wb II 335, 4–10), nsr “Feuer, Flamme” (PT-, Wb II 335, 12), var. nzs “verbrennen (auch tr.)” (OK, Kaplony, LÄ IV 462, n. 1, cf. ÜKAPT VI 143 for PT 653d), nzs “Glut” (PT 276b, ÜKAPT VI 143), hence pr-nzs “Haus der Feuerzeremonien” (Kaplony, LÄ VII 24) > Cpt.: (L) nɔyçp, nɔpc= (met.) “zerstören, vernichten” (KHW 525 pace CED 110; DELC 144) | | | NBrb.: Wargla ti-nsəṛ-t, pl. ti-nsar “sorte de brasero en terre cuite qui sert de brûle-parfums ou de chaufferette, de réchaud” [Dlh. 1987, 226] | Qabyle a-nazir (non admis par plusieurs) “1. brasier avec flamme, 2. grosse chaleur, 3. fièvre” [Dlt. 1982, 593] | | EBrb.: Gdm. ta-naser-t, pl. t-nasar “brûle-parfum en terre cuite”

<sup>41</sup> The correspondence of Eg. z = Brb. \*s is not regular. Normally, Brb. \*s = Eg. s < AA \*s, \*č (or = Eg. š < AA \*š). In principle, however, we might assume a non-historical MK spelling of OK s.

<sup>42</sup> This AA root might be an extension of AA \*n-s (supra). This is why here as well one should suppose an AA \*-s- (instead of \*-c-).

<sup>43</sup> It is rather uncertain if the Sem. root really belongs here, not merely because one would have to assume metathesis, but also due to irregular sibilant correspondences (normally, Ar. š = ES \*š, which, however, could not agree with Eg.-Brb. \*s ~ \*z). Moreover, the origin of Dathina v̪ršn is itself also dubious. F. Praetorius (ZDMG 57, 1903, 272–3) was inclined to see in it a late borrowing from Persian *rošan*, whereas Count Landberg (GD 1281) supposed that it was a secondary meaning of Dathina Ar. *rišin* “être fixé à..., adhérent à...”. But already a contemporary colleague of Landberg (quoted in GD 1.c.), followed by W. Leslau (1987, 474), identified Dathina v̪ršn with ES \*v̪rsn.

[Lnf. 1973, 248, #1171] ||| CCh.: (?) Muktele nàzái [if -i < \*-r] “to roast (grill)” [Rsg. 1978, 315, #589 apud JI 1994 II 275]. The Geez-Eg. etymology is due to W.W. Müller (1961, 202, #12).

**956. AA \***√n̤ž “to excrete” > Sem.: Ar. nad̤da I “uriner”, nad̤id- “2. salive ou glaire, ce qu'on jette par le nez ou par la bouche” [BK II 1231] ||| CCh.: Malgwa n̤žé “Fäkalien”, n̤žá-ṣá “Kuhdung” [Löhr 2002, 304].

**957. AA \***√n̤č “to open, spread out” > Sem.: Ar. n̤t̤ I “1. répandre, propager (une nouvelle)”, n̤tw I: naṭā “1. disperser, disséminer ça et là, 2. ébruiter, faire connaître, livrer au public (une nouvelle)”, n̤ty I: naṭā “1. divulger, répandre dans le public (un bruit, un fait)” [BK II 1195, 1197] ||| Eg. ns “to open (?) (on's mouth against someone)” (AECT I 208; DCT 245) = nsw “ouvrir (la bouche de façon hostile)” (AL 78.2223) = nsw “den Mund öffnen (feindlich)” (GHWb 431)<sup>44</sup> ||| NAgaw: Kemant ḥn̤š- ~ ḥn̤č- “to undo” [Apl. 1996, 18], Qwara ḥn̤š-əz- “to undo” [Rn./Apl.] ||| CCh.: (?) Margi n̤džà [\*nc- voiced?] “to open wide” [Ladefoged 1964, 65] = n̤žànžà “wide open” [Hfm. in RK 1973, 129].

**958. AA \***√n̤č “to be(come) moist” > Sem.: Ar. √n̤tt̤: natt̤a I “1. suer et se couvrir d'humidité à sa surface extérieure (se dit d'une autre remplie d'eau), 3. oindre, enduire d'onguent (une pluie, etc.)”, natt̤- “humide, qui sue l'humidité (muraille)”, naṭit̤- “humidité sort à la surface extérieure d'une autre remplie d'eau, d'une muraille”, √n̤nt̤: naṭnaṭa “1. suer, se couvrir d'humidité à sa surface extérieure (se dit d'une autre), 2. avoir une forte transpiration (se dit d'un homme)” [BK II 1195] ||| SCu.: Iraqw nic-a (-ts-) [Iraqw c reg. < SCu. \*č] “moisture” [Mgw. 1989, 116] = nīc (-ts) “to moist”, nic-a (m) “moisture”, nic-īt̤ “to spit without saliva” [MQK 2002, 79] ||| CCh.: Uldeme n̤č “eau qui s'infiltre dans la terre” [Clm. 1986, 144] = n̤č (so, -ts) “eau qui s'infiltre” [Clm. 1987, 87]<sup>45</sup> = n̤č n̤č “1. eau qui s'infiltre dans la terre, 2. se mouiller vite” [Clm. 1997, 209]. Cf. AA \*n-s too.

**959. AA \***√n̤čr “to separate” > Sem.: Akk. našāru “abteilen” [AHW 759 with a different etymology]<sup>46</sup> || Ar. √n̤tr VI “2. tomber par morceaux, par parcelles, s'émettre” [BK II 1196], Yemeni Ar. √n̤tr I: naṭar “to cut up, dissect, rip out, open”, VI: atnāṭar “to break up, split (intr.)” [Piamenta 1990, 478] ||| Eg. nz̤w (GW for \*ns̤? < \*n̤čr?) “briser (le dos)” (KRI II 90:11, AL 79.1619) = “zerbrechen” (GHWb 431), cf. older ns̤.w “Schlachtmesser des Šzmw” (CT I 123b, VI 179h, Altenmüller 1975, 347) = “Spieß (?)” (Kaplony, LÄ IV 462, n. 3) = “knives” (AECT I 24, spell 33–35, n. 32)<sup>47</sup> ||| SBrb. \*√nsr: EWlmd. ə-ṇsər, Ayr ə-ṇšər “être détaché violemment, être arraché de foru, 2. être déchiré, 3. être égratigné”, Ayr ə-ṇšər, EWlmd. ə-ṇsər “1. détacher violemment, arracher de force, couper par arrachement, 2. décrocher, 3. dégratigner, gratter” [PAM 2003, 626].

<sup>44</sup> The same verb is supposed to occur in the BD (cf. Wb II 324, 13). R.O. Faulkner's (AECT I 209, spell 277, n. 8) hypothesis that this verb was actually derived from Eg. ns “tongue” is unlikely.

<sup>45</sup> Erroneously derived by V. de Colombel (l.c.) from Uldeme √-c (-ts) “arracher” via prefix *n-*.

<sup>46</sup> W. von Soden (AHW l.c.) combined the Akk. verb with Ar. √nsr I: *nasara* “ôter, enlever une chose de dessus une autre” [BK II 1248] = “wegnehmen” [AHW] = “to take away” [Hnrg.], which was opposed by J. Huehnergard (1991, 691) who pointed to J. C. Biella's (1982, 318) comparison of Ar. √nsr (Ar. *ma-nsir-, mi-nsar-*) with OSA (Sabeen) *m-ns̤r-t* “detachment of troops”, whose *s<sub>3</sub>* excludes a connection with Akk. √n̤šr, which he eventually affiliated with Ar. √n̤šr and MSA: Jbl. *n̤šr* “to spread out (tr.)”, but it is also unlikely from a semantical point of view.

<sup>47</sup> R.O. Faulkner (AECT l.c.) derived it from Eg. *z̤w* “to cut off (nose or ears)” (cf. Wb III 419, 12), but failed to explain the function of *n-*.

**960. AA \**ṇ̥cr*** “1. to spread (out), 2. loosen” > Sem.: Akk. našāru “to pour out” [CAD n<sub>2</sub> 60] || Ar. *ṇ̥tr* I: natara “1. répandre, disperser, disséminer”, VI “1. être répandu, dispersé, disséminé” [BK II 1195], Dathina *n̥tr* I “répandre, verser, défaire, (dans le Sud) laver la tête, défaire les cheveux, endosser (la cotte de mailles), ôter” [GD 2742], Yemeni Ar. *n̥tw̥r* I: naṭwar “to scatter, spread (a bundle)” [Piamenta 1990–1, 478] || MSA: Hrs. netōr “to pour” [Jns. 1977, 99], Jbl. ntōr “to untie” [Jns. 1977] = nt̥r [Jns. 1981, 198] = nt̥?r “to untie” [Nakano 1986, 89, #649], Mhr. nətōr “to untie” [Jns. 1987, 305] = netōr (so, -t-) “losmachen, lösen, abladen, wegnehmen” [Jahn apud Jns.] = *ṇ̥tr* “lösen, aufmachen, ablegen (ein Kleid)” [Bittner 1917, 55], Sqt. nétor “lâcher une parole” [Lsl. 1938, 279] (Sem.: Frolova 2003, 91, §III.4.1) ||| Eg. nsr “vom Behandeln einer Wunde mit Öl: betupfen” (Med., Wb II 335, 3) = “to anoint (injury)” (Breasted 1930, 171; FD 140) = “beträufeln (?)” (HAM 840) = “betupfen, beträufeln” (GHWb 443) ||| NBrb.: Mzg. *ṇ̥nsr*: nser “1. se défaire, détacher, 2. glisser (maille), s’effil(och)er, s’érailler, 3. se tirer (d’un fourreau, d’un étui, d’un trou), se démancher (outil)” [Tf. 1991, 498–9]. The AA root might have been of biconsonantal origin, cf. Ar. *n̥t̥* I: naṭṭa “2. répandre, propager (une nouvelle), 3. oindre, enduire d’onguent (une plaie)”, niṭāt- “huile avec laquelle on humecte légèrement une plaie” [BK II 1195].

**961. AA \**ṇ̥cl*** “fat” > Sem.: Ar. naṭīl-at- “3. viande grasse” [BK II 1197] ||| NBrb.: Mzg.-Zemmur nessel “être gras (avoir beaucoup de graisse), potelé, dodu” [Tf. 1991, 498].

**962. AA \**ṇ̥c̥*** “to tremble” > Sem. \**ṇ̥nw̥s*: Akk. *ṇ̥nw̥š* G: nāšu ~ nuāšu “in (unruhige) Bewegung geraten” [AHW 761] = G nāšu ~ nuāšu “1. to quake, shake, 2. be weakened, become shaky”, D nuššu “1. to make quake, shake, 2. move, dislodge, shake” [CAD n<sub>2</sub>, 113] = “bebēn” [GB]<sup>48</sup> || Ar. of Hadramaut *nw̥š* I “secouer”, II “pendiller” [Landberg 1901, 728], EDathina *nw̥š* I “secouer”, II “pendiller” [GD 2834], Yemeni Ar. *ṇ̥nw̥š* I: nāš “to move (tr.), shake (intr.), swing back and forth, swing one’s head with thick, long hair”, II “to shake (tr.)”, nawš “motion”, nuwwāš “shaking” [Piamenta 1990–1, 500] ||| Eg. nš “erschauern, erzittern” (NE, Wb II 338, 4) = nšj “flattern” (LP, JW 1996, 523, §158, §164) = nš “to tremble, shudder” (NE 2x, DLE II 34; Borghouts 1971, 186, n. 459 with further exx. and lit.)<sup>49</sup>. The Eg.-Akk. comparison is due to GB 494 and A. Ember (1912, 90, cf. ESS §11.a.33). The reduplication of the same AA biliteral root is also attested, cf. Sem. \**ṇ̥ṣn̥ṣ*: Ar. naṣnaša “to agitate, swing back and forth (secouer)” [Lsl.] || MSA: Sqt. neṣneṣ “to agitate” [Lsl.] (Sem.: Lsl. 1938, 278; 1987, 402 with false comparanda) ||| SBrb.: EWlmd.-Ayr nāznāz “1. secouer, mettre en marche (+ monture), 2. être secoué” [PAM 2003, 638].

**963. AA \**ṇ̥c̥k*** “to (be) extract(ed)” > Sem. \**n̥k̥s*: Ar. naqāša “to extract, pull out” [Lsl.] || MSA: Jbl. nqeṣ “to take out (an embedded thorn)” [Lsl.] || ES: Geez naqasa “to separate, dis-

<sup>48</sup> The Akk. verb was combined by F. Delitzsch (quoted in GB l.c.) with Hbr. \**ṇ̥w̥š*, and by Th. Nöldeke (ZDMG 40, 724) and W. von Soden (AHW l.c.) with Ar. *ṇ̥ws*: *nāṣa* I “1. pendiller, être agité çà et là (un objet suspendu)”, IV “agiter” [BK II 1366] = I “baumeln” [GB] = I “hin- und herpendeln” [AHW], but neither of these suggestions can be accepted, given the irregular sibilant correspondences (here, Akk. š < Sem. \*s, which does not agree with either Hbr. š here < Sem. \*š or with Ar. s here < Sem. \*s). The Ar. form, in fact, represents a var. root (AA \**n-c*), cf. also Akk. *nasāsu* G and *nussusu* D “to shake out (hair), wag (tail)” [Lsl.] = D “schütteln” [AHW 806] || Ug. *nss* “to zig-zag, wriggle (?)” [Moore apud Lsl.] || Hadramawi Ar. *nws* “brandiller” [Landberg 1901, 728], Yemeni Ar. *nws* I: nāṣ “schütteln” [Deboo 1989, 197] || Geez *naṣ(a)sa* “to sway, move, shake” [Lsl.] (Sem.: Lsl. 1987, 402; Hnrg. 1991, 692).

<sup>49</sup> W.F. Albright (1927, 222), followed by F. von Calice (GÄSW 67, #225) and J. Vergote (1945, 136, §9.b.23), equated the Eg. root with Ar. *laṣlaša* “être pris d’une grande frayeur, au point d’éprouver un saisissement dans les intestins” [BK II 992] = “to shake with fear” [Alb.] = “vor Angst bebén” [Vrg.].

tinguish, pluck away, extract (a thorn from the foot)", Tna. näqäsä "to pinch, extract a thorn from the foot", Amh. näqqäsä "to pick, clean by picking, extract a thorn from the foot" (ES: Lsl. 1987, 400) ||| (?) Eg. nssq "eine Krankheit am oder im Kopf" (Med., Wb II 336, 14) = "(am Kopf, Haar ist ausgefallen)" (GHWb 433) = "Haarausfall" (HAM 840)<sup>50</sup> (?) < \*nsq (unattested) "to fall out (hair)", i.e. \*\*"to be extracted (???)" (GT) ||| NBrb.: Shilh a-nzay "1. attirement, étirement, tirage, 2. rouleau de laine prêt pour le filage" [Jordan 1934, 38] | Mzg. nzeγ "tirer" [Abès 1916, 131] = nzeγ "1. (re)tirer, extraire, 2. haler, traîner" [Tf. 1991, 513], Beraber ə-nzəγ "tirer" [Lst.], Izdeg nzeγ "extirper, extraire, tirer" [Mrc. 1937, 111], Zayan & Sgugu nzeγ "tirer, extraire" [Lbg. 1924, 573] | Iznasen, Tuzin, Uriaghel e-nzay "perdre qqch. (au sens propre) et perdre qqch. mémoire, oublier" [Rns. 1932, 393] | Nefusa é-nzay "tirare, tirar fuori" [Bgn. 1931, 275] = ə-nzəγ "tirer de l'eau" [Lst. 1931, 302] || EBrb.: Gdm. ə-nza<sup>c</sup> "puiser" [Lst.], Sokna ö-nzay "tirer en dehors de qq. lieu que ce soit" [Lst.], Audjila nžāy "attingere, tirare acqua dal pozzo senza animale" [Prd. 1960, 160]

**964. AA \*√n̥cr** "to scatter, spread" > Sem.: Ar. našara "3. disperser, disséminer", našīr- "céréales réunies en tas que l'on n'a pas encore l'intention de battre" [BK II 1258–9] = √n̥šr I "déployer les voiles, divulguer, répandre", VIII "s'étendre, se répandre, se disperser", nušārat- "scuire, l'espèce de poussière qui tombe du bois quand il est rongé par les vers" [Dozy II 671], Dathina √n̥šr VIII "se disperser, se ranger à la file, s'aligner (soldats, danseurs)" [GD 2772] || MSA \*√n̥šr: Jbl. nšor "to spread (tr.)" [Jns. 1981, 195], Mhr. nəšūr "to spread out" [Jns. 1987, 302] ||| Eg. nš3 "Körner (des Sandes)" (Med., Wb II 338, 16).

**965. AA \*√n̥ç ~ \*√n̥ç** "to quest(ion)"<sup>51</sup> > Sem.: Ar. nṣṣ I "8. interroger qqn. minutieusement, le presser de questions" [BK II 1267] = "to go to the utmost point in questioning or asking, importune the man in questioning or asking, and urge someone to tell the utmost that he knew, to question or ask the man respecting a thing so as to elicit the utmost that he possessed" [Lane 2797] || MSA: Jibbali niżże leš "he pumped him for information", šənżéz (l-) "to ask secretly, make discreet inquiries" [Jns. 1981, 200], Mehri šənşawz "to ask secretly, make discreet enquiries" [Jns. 1987, 309–310] ||| Eg. nd "fragen, beraten" (PT-, Wb II 370–1), ndnd "fragen" (MK, Wb II 232, 1–9)<sup>52</sup> ||| NBrb.: Zwawa √nd: nađi "chercher", a-nađi "recherche" [Bst. 1890, 321] || SBrb.: EWlmd.-Ayr i-nađ "i.a. discuter de (l'un avec l'autre pour parvenir à une décision), se consulter (au sujet de), être appelé à l'aide, être associé, convoqué (guerrier)" [PAM

<sup>50</sup> Usually explained from Eg. nsq "stechen, beißen" (cf. NBÄ 303).

<sup>51</sup> A further var. root (with \*l-) is also attested, cf. AA \*√lwç "to ask": Sem.: Ar. lāṣa IV "2. demander qqch. à qqn." [BK II 1048] ||| WCh.: Bole lood- "fragen, bitten" [Lks.].

<sup>52</sup> The etymology of Eg. nd has been disputed so far. Some of the authors have already surmised the connection of Eg. nd with some of the AA reflexes, although in either semantically or phonologically misleading contexts. A. Ember (1913, 118, #78), followed in GÄSW 168, #683, compared it with Ar. nṣḥ "to give advice, counsel, be sincere (friend)". W.F. Albright (1927, 223), followed in GÄSW 168, #683, combined Eg. ndnd with Ar. nğnğ I "to deliberate". C.T. Hodge (1966, 45, #38) equated it directly with Hausa nìicú "to come to one's senses" and nìcáccéé "person of reflection", which, however, belongs to a distinct AA root (below). V. Orel and O. Stolbova (HSED #1825) combined Eg. nd "to call" (!) with Ar. nṣṣ (but in the sense "to dictate (a letter)") and WCh.: Tumak naž "to chat", yet at the same time (!) they also (HSED #1854) identified Eg. nd with CCh.: Glavda nggw "to answer" and ECh.: Sokoro negi "shout". Ch. Ehret (1995, 321, #655) combined Eg. nd "to consult" with Ar. nṣṣ "to announce, state explicitly" (not in its meaning quoted above, which is much closer to that of Eg. nd) and nṣḥ "to advise and admonish sincerely" at the same time! O. Stolbova (1996, 118) was the first to compare Eg. nd with Bidiya √nd, although she erroneously derived the latter from her Ch. \*naž- "to ask, tell". The dilettantish approach of some non-linguist Egyptologists (Maspero 1898, 137–9; Westendorf 1973, 137; Quack 2002, 182) explaining Eg. nd from the primary meaning "ver-/zerreiben, mahlen" (OK-, Wb II 369–370) cannot be taken seriously.

2003, 590], Ghat ta-nat, pl. či-nađ-in “conseil, avis” [Nhl. 1909, 131] ||| ECh.: Bidiya ?inàđ / ?indù “demander, interroger” [AJ 1989, 82].

**966. AA \**vn̥ē*** “to loosen, untie” > Sem.: Ar. nađā I “1. ôter (son vêtement), 2. dépouiller qqn. de son vêtement, 3. tirer (p.ex. le sabre du fourreau, sortir la verge du fourreau d'un cheval)” [BK II 1282] ||| NBrb.: Mzg. *vn̥dw*: nđew ~ nđu “lâcher (couture, point de couture, point de couture), être décousu (vêtement)” [Tf. 1991, 469].

**967. AA \**vn̥cr* ~ \**vn̥c̥r*** “to tear, split” > Sem.: Sqt. nṣr: nō-ti-ṣar (refl. t-stem) “être déchiré, se fendre” [Lsl. 1938, 272] = “to be torn” [Lsl. 1987] || Geez nađara ~ našara “to rip up, tear off, rend, separate, split” [Lsl. 1987, 387] = nađara “briser” [Lsl. 1938], Tigre näčra “to tear asunder” [Lsl.] ||| Eg. ndr (GW) “ostracon” (NE, DLE II 44; GHWb 450) = “éclat de pierre” (AL 79.1965), cf. nd<sup>2</sup> “Splitter o.ä. (von Holz und Stein)” (MK, NE, Wb II 377, 7–9) = “twig, splinter of wood” (Ember) = “chip (of wood, stone), flakes (of limestone on which inscriptions are written), splinter, nd<sup>2</sup> of stone (employed for building, must be sizeable fragment, perhaps used for core masonry” (Harris 1961, 27) = “éclat de pierre, osracon” (Aufrère 1990, 101)<sup>53</sup> ||| SBrb.: Ayr a-nđər, pl. ə-nđər-än “déchirure, fente, blessure” [PAM 2003, 591] ||| NAgaw (from ES?): Bilin naçar “zerreißen, zerfleischen” [Rn. 1887, 283].

**968. AA \**vn̥c̥r*** “to well up” > Eg. nd<sup>2</sup>d<sup>2</sup> “\*wallen (auch mit Bezug auf das Herz)” (Med., GHWb 449, cf. Wb II 377, 13), nd<sup>2</sup>d<sup>2</sup>j.t “Aufwallen (des Herzens)” (Med., GHWb 449, cf. Wb II 377, 14) ||| SBrb.: Ahaggar e-nder “gider (gotelettes de bouillie qui cuit)” [Barrère 1994, 17].

**969. AA \**vn̥c̥r*** “to throw” > Eg. \*ndr (so far unattested)<sup>54</sup> yielding Cpt. (SL) νογχε, (SBF) νογχ “werfen, legen”, qual. “liegen”, (S) νογχε εβολ “weglegen, aussenden, abweisen, wegwerfen” (KHW 137)<sup>55</sup> ||| NBrb.: Tuzin, Iboqqoyen, Ikhebdanen, Bottiwa *vn̥dr* “jeter” [Biarnay 1917, 98], Wargla *vn̥dr*: ənđər “1. (laisser) tomber, faire tomber, 2. par ext.: faire une fausse couche, (faire) avorter” [Dlh. 1987, 213].

**970. AA \**vn̥s̥*** “to tear off” > Sem.: Ar. *vn̥sn̥* I: našnaša “5. s'arracher des plumes avec le bec et les disperser (se dit d'un oiseau)” [BK II 1266] ||| Eg. n̥sn̥ “vom zerreißen o.ä. der Bü-

<sup>53</sup> A. Ember (1912, 87; ESS §11.a.39) combined Eg. *nd<sup>2</sup>* with Hbr. *nēṣer* “Schoß, Sprößling, Wurzelschoß” [GB 519] = “twig, rod” [Ember] = “sprout, offshoot” [KB 718], which is misleading, since the latter originates in Hbr. *vn̥ṣr* ~ Ar. *ndr* “glänzen, grünen” [GB] = “to shine, thrive” [KB]. Accepting this inner Sem. derivation of the Hbr. word, F. von Calice (GÄSW 102, #428) assumed in Eg. *nd<sup>2</sup>* a Sem. loanword! Others (Edel in AÄG Ixiv; Vrg. 1973 Ib, 156 pace Fecht), in turn, saw in Eg. *nd<sup>2</sup>* a prefix *n-*, attached to an unattested \**d<sup>2</sup>* > (S) ςη, (B) ςη “éclat”. A. Militarev (MM 1983, 199) also analyzed Eg. *nd<sup>2</sup>* as containing the *n*-prefix, which allowed him to affiliate it with Sem. \**fVr(r)-* “flint”, \**vl̥tr-* “to cut”, and LECu.: Oromo *čiri* “отрезать”.

<sup>54</sup> The Eg. etymon of the Cpt. root has been debated. W.M. Müller (RT 31, 1909, 194 and fn. 3), followed by W. Spiegelberg (in his KHW 86), G. Burkard (1977, 39 and fn. 3), W. Vycichl (1990, 231 contra DELC 152), and Ch. Ehret (1995, 324, #631), explained it from Eg. *ndrj* “packen, fassen” (OK-, Wb II 382–3), which Müller still misrendered as “to strike (down)” (rightly corrected by K. Sethe in his ÜKAPT VI 147); this was correctly rejected by the authors of Wb (cf. Vrg. 1950, 291), W. Vycichl (in his DELC 152), J. Osing (NBÄ 839, n. 1132 contra Osing 1998, 96 and 201, n. g), and S.D. Schweitzer (2003, 240, fn. 29). W. Westendorf (KHW 137, also fn. 1), in turn, assumed its derivation either from Eg. *ndr* “zimmern” (allegedly pace Müller, whose suggested basic sense was, however, different) or *nd<sup>2</sup>* “Splitter” (MK, NE, Wb II 377, 7–8).

<sup>55</sup> L. Reinisch (1887, 287) combined the Cpt. word with Sem. \**nṣl*, cf. esp. Yemeni Ar. *nṣl* I “to throw away, take off, squander”, III “to disjoin, disconnect, take apart, dismount, detach” [Piamenta 1990, 488], which is theoretically possible as an alternative.

cher” (CT, Wb II 342, 6) = “to tear up (documents)” (CT V 66f, DCT 249) > L<sup>E</sup>g. n[š]nš “zerreißen” (Pap. Tebtunis, 2<sup>nd</sup> cent. AD, Osing 1998, 213, 215, n. ai)<sup>56</sup> ||| NBrb.: Seghrushen *vnšw*: nšu “être déplumé” [Pellat 1955, 122] = nšew “se déplumer, être déplumé” [Tf. 1991, 503] | Qabyle *vnšw* “être déplumé, épilé”, msenšaw ~ mš- “se battre, s’arracher mutuellement les cheveux” [Dlt. 1982, 541], Zwawa e-nšū “être déplumé” [Blf. 1910, 213].

**971. AA \**vn̥s*** “to clear meat off the bone” > Sem.: Ar. *vn̥sn̥* I: našnaša “3. ôter la chair de dessus l’os” [BK II 1266] ||| SBrb.: EWlmd.-Ayr ə-n̥nəs [-s < \*-s̥]<sup>57</sup> “nettoyer un os en enlevant toutes les parcelles de viande” [PAM 2003, 624] ||| ECh.: EDangla nyile [-l- < \*-s̥-]<sup>58</sup> “Fleisch von einem Knochen abkratzen” [Ebs. 1979, 126]. Derived from the preceding AA root?

**972. AA \**vn̥s*** “a type of vessel” > Eg. nš.w “Art Topf, auch als Maß” (MK, BD, Wb II 338, 15) = “ein Gefäß (aus Metall, Elfenbein)” (GHWb 435)<sup>59</sup> ||| NBrb.: Mzg. *vn̥s*: ta-nas-t “1. pot en fer avec anse, 2. petit récipient en bois ou en fer pour boire, récipient en cuivre du porteur d’eau” [Tf. 1991, 497–8], Zayan & Sgugu ṭa-nas-t “petit récipient en bois ou en fer qui sert à boire” [Lbg. 1924, 573]. Note that Sem.: Akk. (M-YBab.) nussu “ein Tonbehälter” [AHW 806] = “cracked pot” [CAD n<sub>2</sub> 352] might only be compared as an irregular reflex (AA \*-s̥- > Akk. -š-).

**973. AA \**vn̥sc*** “to tear, hurt” > Sem.: Ar. nšs I: našaşa “7. percer qqn. avec une lance”, VIII “déraciner (une arbre)” [BK II 1260] ||| Eg. nšd.w “griffures, éraflures, déchirures, arrachements” (PK 1976, 206, D21; Andreu-Cauville 1978, 15; AL 77.2220, 78.2251) = “\*Kratzspuren (als Sachschaden)” (GHWb 436) > nšd “1. (Blumen) pflücken, 2. zerfleischen (eigtl. von den Krallen, bes. des Falken)” (GR, Wb II 342) = “action du faucon déchirant ses ennemis avec ses serres” (PK l.c.) = “to flay” (Smith 1979, 16) = “to tear, rend” (PL 550)<sup>60</sup>.

**974. AA \**vn̥sr/l*** “meager” > Sem.: Ar. našala I “6. être fort peu charnu (se dit des cuisses)”, nāšil-at- “cuisse maigre” [BK II 1265] ||| NBrb.: Mzg. nser “3. maigrir, être maigre” [Tf. 1991, 498].

**975. AA \**vn̥sl*** “1. to draw out, 2. extract” > Sem.: Ar. našala I “1. tirer, extraire et enlever rapidement, 2. tirer, p.ex. un morceau de viande de la marmite” [BK II 1265] = I “1. wegreißen, herausreißen, 2. retten” [Hazim apud Shatnawi 2002, 745] ||| NBrb.: Mzg. nšel “puiser (de l’eau)” [Tf. 1991, 502] | Qabyle e-nšel “être dépouillé, privé de sa peau, écorce, s’écailler”, sse-nšel ~ šše-nšel “1. peler, éplucher, dépouiller, 2. (se) peler, changer de peau” [Dlt. 1982, 540].

**976. AA \**vn̥S̥l*<sup>61</sup>** “bee” > SCu. \*naša “bee” [Ehret]: Asa naša “bee” | Dahalo nàla [Ehret: presumed contraction of \*n̥šala] “honey” (SCu.: Ehret 1980, 184, #4) ||| WCh.: (?) Angas-Sura

<sup>56</sup> Ch. Ehret (1995, 326, #635) combined the Eg. root with Sem. \**vn̥s* “to cut” (sic!) and ECu. \**ŋja/ił̥-* “to stab”.

<sup>57</sup> AA \*s̥ may yield Brb. \*s, cf. Mlt. 1991, 242.

<sup>58</sup> The shift of PCh. \*s̥ > Dangla-Migama \*l is regular both in the initial and internal position, cf. Stl. 1996, 39, table 4 and p. 112, table 23.

<sup>59</sup> Known also in cuneiform transcription, cf. Amarna Akk. *našša* ~ -i “a vessel” [AHW 79 pace Lambdin 1953, 367, #25s] = “type of vessel used as a measure” [Cochavi-Rainey 1997, 101] = “a kind of pot or measure” [Muchiki 1999, 300]. Usually (Griffith 1898, 52; NBÄ 169) derived from Eg. nš “to sprinkle” (sic, Griffith) = *nš/l̥* “herausfließen (lassen)” (sic, NBÄ), which is unattested.

<sup>60</sup> For the L<sup>E</sup>g. nšd, alternatively, a derivation from Eg. šdj “to take away, remove, pull” (FD 273) has also been suggested (PL 551).

<sup>61</sup> The Angas-Sura evidence speaks for AA \*č, but it is not clear which lateral is reflected by the SCu. parallels.

\*nšī “1. bee, 2. fly, 3. honey” [Takács 2004, 345] || CCh.: Higi-Nkafa unze and Higi-Kamale umz̩ho “1. bee, 2. honey” [Meek apud JI 1994 II 18, 191].

**977. AA \*√n̄S** “to chase” > Sem.: Ar. √n̄š I: našša “3. faire marcher doucement une bête de somme devant soi” [BK II 1254] = “émoucher, chasser les mouches avec un évantail” [Dozy II 669] = “to drive or whisk away the flies” [Lane 2790], Yemeni Ar. niš! “a cry to dry away flies” [Piamenta 1990–1, 484] ||| Eg. nš “1. vertreiben, verdrängen, 2. auch: verstößen (Frau), 3. (GR, Kummer) vertreiben” (OK-, Wb II 337–8; GHWb 434)<sup>62</sup>. Cf. AA \*n-s supra.

**978. AA \*√n̄S** “lock of hair” > Eg. nšj “to dress hair” (CT, BD, FD 140; DCT 248) = nš “das Haarmachen, ob: kämmen (?)” (BD, Wb II 337, 3) vs. nš (fem. Inf. < \*nš.t) “das Haarmachen” (NE, Wb II 337, 5) > nš.t “Haarmacherin” (MK, Wb II 337, 6–7) = “hairdresser” (Ward 1982, 100, #838; 1986, 9) → Dem. nšj.t “Haarmacherin” (Thissen 1984, 87), hence \*nšj.tj (unattested) > (?) Dem. nšj.t “lock of hair” (CED) → Cpt.: (S) n̄ȳrt (pl. 1x) “locks of hair” (Smith 1958, 122; CED 115 after CD 237a) = “Locken (?)” (KHW 132, 526) = “boucles de cheveux” (DELC 149) ||| NBrb.: Mzg. ta-unza, pl. ti-zi-win “toupet” [Abès 1916, 137], Izdeg ta-unza, pl. ti-unzi-win “toupet” [Mrc. 1937, 252] | Mzab √nz: ta-nzəz-t, pl. ti-nzaz “paquet de mèches de laine que l'on tire du peigne et que l'on enroule sur une quenouille pour la filer” [Dlh. 1984, 143] | Qabyle i-nziz “1. crin long (de mulet, de cheval), 2. fil fin et fort, ficelle fine, cordelette, 3. corde vibrante qui soutend la peau du tambourin, 4. fibre (de muscle), 5. elastique (subst.)” [Dlt. 1982, 591] || WBrb.: Zenaga a-nz “cheveux” [Msq. 1879, 498].

**979. AA \*√n̄S** “to rage” > Sem.: Ar. √n̄nš I: našnaša “9. agiter, secouer, remuer avec force, 10. donner une forte impulsion à qqch., pousser, mettre en mouvement”, našnašiyy- “agile, vif, adroit” [BK II 1266] ||| Eg. nšnj (IVae inf.?) “wütend sein, rasen (Gegensatz htp ‘friedlich gestimmt, ruhig’)" (PT-, Wb II 340) = “se mettre en rage, être tempétueux” (Cannuyer 1983, 26) = “to work (disaster)” (Breasted 1930, 543), nšnj “1. Wut, 2. Unwetter” (OK-, Wb II 341) = “1. wrath, 2. convulsion, strife” (LP, Caminos 1958, 90, §131)<sup>63</sup> ||| NBrb.: Zayan & Sgugu √nnš: ta-nanša “cris, vacarme, tumulte”, cf. nša “être grave, importante, critique” [Lbg. 1924, 574].

**980. AA \*√n̄S** (perhaps var. \*√ns) “to flow”<sup>64</sup> > HEcu. \*ānš- “to wash” [Hds. 1989, 404] ||| Ch. \*naši “to swim” [Stl. 1996, 119] = \*nVÁ- [Stl. 1995, 59] = \*√n̄S ~ var. \*√ns [GT]<sup>65</sup> > WCh.: NBauchi \*n[i]s- “to swim” [GT]: Warji nəs-, Kariya nəsa-, Tsagu nişən (noun) (NBauchi: Skn. 1977, 43) || CCh.: Mbara níš (-ł) “nager” [TSL 1986, 274] | Logone n̄ši ~ l̄ši (-š-) “schwimmen” [Lks. 1936, 106], Buduma nul “nager” [Gaudiche 1938, 30] | PMasa \*nus “nager” [GT]: Gizey,

<sup>62</sup> Combined by W.F. Albright (1927, 222), F. von Calice (GÄSW 67, #226), and J. Vergote (1945, 136, §9.b.24) with Ar. √l̄š I “to push, repulse” [Alb.] = “stoßen” [Vrg.]. Th. Schneider’s (1997, 199–200, #47) etymology (comparison with Hbr. *nhy/w* “nach einer Seite gehen, leiten” etc.) is out of question.

<sup>63</sup> P. Kaplony (KBIÄF 192–3, n. 287) derived this from the biliteral root of Eg. nšnš “spucken (PT 205a: von Seth als dem bei seiner Geburt ausgespieenen Gott)”, which he eventually connected with Eg. bšj as “stammverwandt”! Ch. Cannuyer (1983, 26), in turn, saw in this Eg. root a prefix *n-* + Eg. \*√šn, deduced from šnj.t “grêle, tempête” (cf. Wb IV 502–3) and šnj h̄šj.t “Aufruhr niederschlagen” (Wb IV 503, 5), although these forms are not even mutually related. Moreover, he *a priori* excluded any connection with Eg. nšnš “déchirer” (CT, Cannuyer) = “zerreißen” (Wb IV 517, 6), although it has most recently been taken up by C. Peust (1997, 269).

<sup>64</sup> For the semantic shifts in HEcu. vs. Ch. cf., e.g., IE \*pleu- “ri/ennen, fließen” > i.a. OGreek πλύνω “wasche”, Lithuanian (caus.) pláuju “waschen, spülen” vs. OIndic *plavá-* “schwimmend”, OGreek πλέ(F)ω “schiffe, schwimme” (IE: IEW 835–7).

<sup>65</sup> O. Stolbova did not take into account the North Bauchi and Masa gr. reflexes, which suggest a root var. with \*-s (secondary CCh. \*š?).

Masa, Ham, Lew, Marba nús, Musey lús (Masa gr.: Ajello 2001, 38) || ECh. \*√nl [\*l < \*S̄] “to swim” [GT]: Kwang-Ngam nàle | Lele nàl | Somray nàl and Ndam nòlà (Ch.: Stl. 1991 MS, 3; 1995, 59, §ii.10; 1996, 119–120).

**981. AA \*√nS̄p** “to moisten, absorb moisture” > Sem.: Ar. √nšf I “2. absorber, pomper l'eau, 3. être absorbé et disparaître de la surface”, II “3. donner du lait écumant (chamelle)”, IV “donner à qqn. à boire du lait tout chaud et écumant” [BK II 1263] = II “sucer, absorber l'eau”, IV “s'absorber” [Dozy II 672] = nšf I: našafa “absorber” [Chouemi 1963–65, 73], Yemeni Ar. nišif I “to sip (coffee etc.)”, II “to sip making a sucking noise” [Piamenta 1990–1, 486], Ar. of Hadramaut √nšf “absorber, boire, sécher” [Landberg 1901, 723] || MSA \*√nšf: Jbl. níšf “to sip”, nəšfót, pl. enšéf “drop, sip (usually of milk)” [Jns. 1981, 194] ||| Eg. nšp “den Acker befeuchten” (GR, Wb II 339, 9).

**982. AA \*√nS̄z** “to rise” > Sem.: Ar. √nšz I “1. se dresser au-dessus des points d'alentour, être situé plus haut, sur un endroit plus élevé, 3. enlever qqn., le soulever du sol et puis le jeter à terre”, IV “enlever qqch. de sa place” [BK II 1260] ||| Eg. \*nšz “to rise (???)”, cf. PT 1569b twt nšz twt nšzz.<sup>t66</sup> parallel to PT 1569a: twt šwj twt šwj.t “you are he who is lifted up, you are she who is lifted up” (AEPT 237).

**983. AA \*√nSm** “to flow out” > Sem.: Ar. √nšm II “3. laisser sortir à sa surface et, pour ainsi dire, suer l'eau (se dit de la terre)” [BK II 1265] ||| Eg. nšm.t > nšmj “\*Ausfluß” (Med., WMT 484; GHWb 435).

**984. AA \*√nZ** “to pre-/excede” > Brb. \*√nzy “zuerst kommen, vorangehen” [Snd.] > NBrb.: Mzg. nzu “1. être précoce, arriver tôt, de bonne heure, 2. faire en priorité, commencer le plus tôt possible” [Tf. 1991, 512] | Qabyle e-nzu “aborder en priorité, faire passer le premier” [Dlt. 1982, 590] || SBrb.: Hgr. ā-nəhu, pl. i-nha “excédent du partageants (dans un partage par groupes égaux)” [Prs. 1969, 81, #536] etc. (abundant Brb. reflexes, cf. Mlt. 1988, 197, #3.2.1.4; Snd. 1993, 170–2) ||| CCh.: Mandara nzə “surpasser” [Mch.]<sup>67</sup>, Malgwa nza “früher” [Löhr 2002, 304].

**985. AA \*√nS** “a bit, a little” > SCu.: Iraqw nas-ūt “to become small, thin, broken”, nāsú (m) “a pinch of ...” [MQK 2002, 77–78] ||| NOm.: Baditu nayš-ē “piccolo” [Crl. 1929, 62] | Nayi -nča- “thin” [Akl.] = naču [Bnd. 1996 MS, #83] ||| CCh.: Baldamu niše “petit” [Sgn.-Trn. 1984, 26] || ECh.: Kera nús “a bit” [Pearce 1998–9, 64].

**986. AA \*√nS** “child” > SOm.: Dime nic [-ts] “boy, child, son” [Flm. apud Bnd. 1996 MS, 1, #17] = (gostə)-nic [-ts] “boy, child, baby” [Bnd.] = nít<sup>h</sup> “boy, child, son” [Sbr. apud Bnd.], Ari nit “child, son” [Flm.], Hamar nās-i “boy, child, baby” [Bnd.] = “child, son” [Flm.] (SOm.: Flm. 1988, 171, #16; Bnd. 1994, 146) ||| CCh.: PBata \*nsV “Kind” [GT]: Bata-Demsa nše [Str.], Bachama nze [Meek], Gudu nžú [Krf.], Kobochi nsě [Str.], Wadi nso [Str.], Nzangi ēnsě [Str.] = inzə [Meek], Holma nānsě [Str.] (CCh.: Str. 1922–23, 119; JI 1994 II 75).

**987. AA \*√nS** “to close” > NBrb.: Mzg. ta-nas-t “1. clé (pour ouvrir), 2. grosse clé des verrous anciens” [Tf. 1991, 497] | Mzab-Wargla a-nnas “serrure, clef” [Lst. 1931, 295], Mzab

<sup>66</sup> These phrases have so far resisted a reliable translation (cf. Wb II 342, 9–10; AÄG 97; AEPT 237).

<sup>67</sup> O. Stolbova (2005, 135, #506) misderived this word from her Ch. \*nVS- and combined it with Akk. nēs/su “strong” [CAD 190] = “ein Starker” [AHW 782] (misquoted by Stolbova with -i-).

a-nnas “serrure (surtout ancienne)”, t-nas-t “clé” [Dlh. 1984, 139–140], Wargla a-nnas “serrure, système de fermeture d’une porte, gros loquet”, t-nas-t “clé” [Dlh. 1987, 224–5] || EBrb.: Ghadames tü-niṣ-t “clef à dents, clef en bois” [Lanfry 1973, 247, #1162], Siwa ti-nas-t “Schlüssel” [Stumme 1914, 103] = te-nés-t “key” [Quibell 1918, 102] = t-nās-t “longue clef de bois” [Lst. 1931, 216], Djerba (Gellala) te-nəs-t “clé” [Saada 1965, 496], Fogaha ta-nâs-t “chiave” [Prd. 1961, 300], Audjila te-nīš-t ~ t-nîš “chiave” [Prd. 1960, 162], Sokna t-nâs-t “chiave” [Sarnelli 1924–5, 14] || SBrb.: Ghat ta-nas-t “cadenas” [Nhl. 1909, 137] || SCu.: Iraqw nōc- (-ts-) “to stop up” [Wtl. 1960, 81] = nōc (-ts) “to patch up a hole in a container” [Mgw. 1989, 116; MQK 2002, 79] || WCh.: Tangale nase “to close” [Jng. 1991, 123] || CCh.: (?) Daba-Kola n̄zau [\*nc-voiced?] “serrer” [Wdk. 1975, 93].

**988. AA \*√nS “tail” > (?) Eg. ns “Schurzzipfel (der aus dem Gürtel herausragt)” (GHWb 430) ||| EBrb.: Siwa a-nšuš “anus”, i-nšūš-ín “Gesäß”, a-friq n-a-nšuš “Hinterbacke” [Stumme 1914, 97] ||| NOm.: (?) Haruro nāzz-ē “membro virile” [CR 1937, 656], Ganjule néce (-ts-) “tail” [Sbr.], Kachama nacé (-ts-) “tail” [Sbr.], Koyra nacce “tail” [Sbr.] (NOm.: Sbr. 1994, 20) ||| CCh. \*√nys (?) “tail” [JS 1981, 260]: Bachama nyìlsé, pl. nyèšé “tail” [Skn. apud Pweddon 2000, 67], Gudu nezu “tail” [IL] | Buduma n̄zui “tail” [Nct.] = n̄žùè [Cyffer] (CCh.: JI 1994 II 317).**

### Abbreviations of languages

(A): Akhmimic, AA: Afro-Asiatic, Akk.: Akkadian, Amh.: Amharic, Ar.: Arabic, Aram.: Aramaic, AS: Angas-Sura, Ass.: Assyrian, (B): Bohairic, Bab.: Babylonian, BD: Book of the Dead, Bed.: Bed’awye, Brb.: Berber, BT: Bole-Tangale, Ch.: Chadic, CCh.: Central Chadic, CT: coffin texts, Cu.: Cushitic, ECh.: East Chadic, ECu.: East Cushitic, Dhl.: Dahalo, E: East(ern), Eg.: Egyptian, ES: Ethio-Semitic, EWIm.: East Tawllemmet, (F): Fayyuminic, Gdm.: Ghadames, GR: Greek (Ptolemaic) and Roman Period, GW: syllabic or group-writing, HECu.: Highland East Cushitic, Hgr.: Ahaggar, Hrs.: Harsusi, IE: Indo-European, IMP: Intermediate Period, Irl.: Iraqw, JArab.: Jewish Aramaic, Jbl.: Jibbali, (L): Lycopolitan (or Subakhmimic), LECu.: Lowland East Cushitic, Lit.: literary texts, LP: Late Period, M: Middle, Med.: medical texts, Mhr.: Mehri, MK: Middle Kingdom, MSA: Modern South Arabian, Mzg.: Tamazight, N: North, NBch.: North Bauchi, NBrb.: North Berber, NK: New Kingdom, NOm.: North Omotic, O: Old, OEg.: Old Egyptian, OK: Old Kingdom, Om.: Omotic, OSA: Old South Arabian, PCh.: Proto-Chadic, PCu.: Proto-Cushitic, PT: pyramid texts, Qbl.: Qabyle, Qwd.: Qwadza, S: South(ern), (S): Sahidic, Samar.: Samaritan, SBrb.: South Berber, Sem.: Semitic, Sqt.: Soqotri, Tna.: Tigrinya, W: West(ern), WBrb.: West Berber, WCh.: West Chadic, WLmd.: Tawllemmet, WSem.: West Semitic, Y: Younger.

### Abbreviations of author names

Abr.: Abraham, AC: Andreu & Cauville, AJ: Alio & Jungraithmayr, Akl.: Aklilu, Alb.: Albright, AMS: Amborn, Minker, Sasse, Apl.: Appleyard, Ast.: Aistleitner, Bgc.: Bougchiche, Bgn.: Beguinot, BK: Biberstein Kazimirsky, Blf.: Boulifa, Bnd.: Bender, Brg.: Bargery, Brk.: Brockelmann, Brn.: Biarnay, Brt.: Barreteau, Bst.: Basset, Chn.: Cohen, Clm.: Colombel, Cpr.: Cooper, CR: Conti Rossini, Crl.: Cerulli, Csp.: Cosper, Djk.: D’jakonov, DL: Dietrich & Loretz, Dlh.: Delheure, Dlt.: Dallet, DM: Djibrine & Montgolfier, Ebs.: Ebobisse, Fcd.: Foucauld, Fdr.: Fédry, Flk.: Foulkes, Flm.: Fleming, Frj.: Frajzyngier, Ftp.: Fitzpatrick, GB: Gesenius & Buhl, Gdk.: Goedcke, Grb.: Greenberg, GT: Takács, Hds.: Hudson, Hlw.: Hellwig, Hnrg.: Huehnergard, Hyw.: Hayward, IL: Institute of Linguistics, JA: Jungraithmayr & Adams, Jng.: Jungraithmayr, Jns.: Johnstone, JS: Jungraithmayr & Shimizu, JW: Jansen-Winkel, KB: Koehler & Baumgartner, KM: Kießling & Mous, Krf.: Kraft, Lbg.: Loubignac, LH: Littmann & Höfner, Lks.: Lukas, Lmb.: Lamberti, Lnf.: Lanfry, Lns.: Lenssen, Lsl.: Leslau, LSS: Lonnet & Simeone-Senelle, Lst.: Laoust, Mgw.: Maghway, Mkr.: Mukarovský, Mlt.: Militarev, MM: Majzel’ & Militarev, Mnts.: Mountassir, MQK: Mous & Qorro & Kießling, Mrc.: Mercier, Msq.: Masqueray, Mtl.: Motylinsky, Mts.: Matsushita, Ncl.: Nicolas, Nct.: Nachtingal, Nhl.: Nehlil, Nkn.: Nakano, Ntg.: Netting, NZ: Naït-Zerrad, OS: Orel & Stolbova, PAM: Prasse & Alojaly &

Mohamed, PG: Pillinger & Galboran, PH: Parker & Hayward, PK: Posener-Kriéger, Prd.: Paradisi, Prs.: Prasse, Pwd.: Pweddon, RB: Rapp & Benzing, Rdk.: Rhodokanakis, RK: Reutt & Kogan, Rn.: Reinisch, Rns.: Renisio, Rpr.: Roper, Rsg.: Rossing, Rsl.: Rössler, Sbr.: Siebert, Sgn.: Seignobos, Skn.: Skinner, Smz.: Shimizu, Snd.: Schneider, Snk.: Schenkel, Spg.: Spiegelberg, Srl.: Sirlinger, Srn.: Sarnelli, SS: Simeone-Senelle, Ss.: Sasse, Stl.: Stolbova, Str.: Strümpell, Stz.: Satzinger, Tf.: Taifi, Trn.: Tourneux, Vcl.: Vycichl, Vrg.: Vergote, Wdk.: Wedekind, Wst.: Westendorf, Wtl.: Whiteley.

## Literature

- AAÄKG I–III = WRESZINSKI, W.: *Atlas zur altägyptischen Kulturgeschichte*. Bd. I–III. Leipzig, 1923–38, J. C. Hinrichs'sche Buchhandlung.
- AÄG = EDEL, E.: *Altägyptische Grammatik*. Roma, 1955, Pontificium Institutum Biblicum.
- ABÈS, M.: *Manuel de berbère marocain*. (Place not indicated), 1916. (?), (publisher not indicated).
- ABRAHAM, R. C.: *Dictionary of the Hausa Language*<sup>2</sup>. London, 1962, University of London Press.
- ABRAHAM, R. C.: *Somali-English Dictionary*<sup>2</sup>. London, 1964, University of London Press Ltd.
- AECT = FAULKNER, R. O.: *The Ancient Egyptian Coffin Texts*. Vol. I–III. Warminster, 1973–8, Aris & Phillips Ltd.
- AEPT = FAULKNER, R. O.: *The Ancient Egyptian Pyramid Texts*. I. Oxford, 1969, Clarendon Press.
- AHW = SODEN, W. VON: *Akkadisches Handwörterbuch*. I–III. Wiesbaden, 1965–1981, Otto Harrassowitz.
- AISTLEITNER, J.: Untersuchungen zum Mitlautbestand des Ugaritisch-Semitischen // LÖWINGER, S. & SOMOGYI, J. (eds.): *Ignace Goldziher Memorial Volume*. Part I. Budapest, 1948, Globus. Pp. 209–225.
- AJELLO, R.; KARYO, M.; MELIS, A.; DOBIO, Ou.: *Lexique comparatif de six langues tchadiques central (Gizey, Ham, Lew, Marba, Masa, Musey)*. Pisa, 2001, Edizioni Plus, Università di Pisa.
- AKLILU, Y. & SIEBERT, R. & SIEBERT, K.: Survey of the Omotic Languages “Sheko” and “Yem” // *Survey of Little-known Languages of Ethiopia*, (S.L.L.E.) Reports 10 (1993), 1–25.
- AL I–III = MEEKS, D.: *Année lexicographique. Égypte ancienne*. Tome 1–3 (1977–1979). 2<sup>ème</sup> édition. Paris, 1998, Cybele.
- ALBRIGHT, W. F.: Notes on Egypto-Semitic Etymology. III // *Journal of the American Oriental Society* 47 (1927), 198–237.
- ALIO, Kh.: *Wordlist of Ngamo*. MS. 1988 (?).
- ALIO, Kh. & JUNGRAITHMAYR, H.: *Lexique bidiya*. Frankfurt am Main, 1989, Vittorio Klostermann.
- ALLATI, A.: *Phonétique et phonologie d'un parler amazigh du Nord-Est marocain (Le parler des Aït-Saïd)*. Tome III. Thèse de doctorat de 3<sup>ème</sup> cycle. Université de Provence, Centre d'Aix-en-Provence, 1986. 4 p.
- ALLEN, T.G.: *The Inflection of the Verb in the Pyramid Texts*. Bibliotheca Aegyptia, vol. 2, fasc. 1–2. Malibu, 1984, Undena Publications.
- ALTENMÜLLER, H.: *Synkretismus in den Sargtexten*. Wiesbaden, 1975, Otto Harrassowitz.
- AMBORN, H. & MINKER, G. & SASSE, H.-J.: *Das Dullay. Materialien zu einer ostkuschitischen Sprachgruppe*. Berlin, 1980, Reimer Verlag.
- ANDREU, G. & CAUVILLE, S.: Vocabulaire absent du Wörterbuch II // *Revue d'Égyptologie* 30 (1978), 10–21.
- APPLEYARD, D.: Kailiña — A ‘New’ Agaw Dialect and Its Implications for Agaw Dialectology // HAYWARD, R. J. & LEWIS, I. M. (eds.): *Voice and Power. The Culture of Language in North-East Africa*. London, 1996, SOAS. Pp. 1–19.
- ARO, J.: Die Vokalisierung des Grundstammes im semitischen Verbum // *Studia Orientalia Fennica* 31 (1964).
- AUFRÈRE, S.: *L'univers minéral dans la pensée égyptienne*. Vol. I–II. BdÉ 105. Le Caire, 1990, 1991, IFAO.
- ÄWb I = HANNIG, R.: *Ägyptisches Wörterbuch I. Altes Reich und Erste Zwischenzeit*. Hannig-Lexica 4. Mainz am Rhein, 2003, Verlag Philipp von Zabern.
- ÄWb II = HANNIG, R.: *Ägyptisches Wörterbuch II. Mittleres Reich und Zweite Zwischenzeit*. I–II. Hannig-Lexica 5. Mainz am Rhein, 2006, Verlag Philipp von Zabern.
- BARDINET, Th.: Remarques sur les maladies de la peau, la lèpre, et le châtiment divin dans l’Égypte ancienne // *RdE* 39 (1988), 3–36.
- BARGERY, G. P.: *A Hausa-English Dictionary and English-Hausa Vocabulary Compiled for the Government of Nigeria*. London, 1934, Oxford University Press, Humphrey Milford.
- BARRÈRE, D.: *Supplément au dictionnaire touareg-français du Père Charles de Foucauld*. MS. 1994.
- BARRETEAU, D.: *Description du mofu-gudur. Langue de la famille tchadique parlée au Cameroun*. Livre II. Lexique. Paris, 1988, Éditions de l'ORSTOM.

- BARTA, W.: Bemerkungen zur Etymologie und Semantik der Götternamen von Isis und Osiris // *Mitteilungen der Deutschen Archäologischen Instituts, Abteilung Kairo* 34 (1978), 9–13.
- BASSET, R.: *Loqmân berbère avec quatre glossaires et une étude sur la légende de Loqmân*. Paris, 1890, Ernest Leroux.
- BASSET, R.: *Le dialecte de Syouah*. Paris, 1890, Ernest Leroux.
- BEGUINOT, F.: *Il berbero Nefûsi di Fassâṭo*<sup>1</sup>. Roma, 1931, Istituto per l’Oriente.
- BENDER, M. L.: *Omotic: A New Afroasiatic Language Family*. Carbondale, Illinois, 1975, Southern Illinois University.
- BENDER, M. L.: Aroid (South Omotic) Lexicon // *Afrikanistische Arbeitspapiere* 38 (1994), 133–162.
- BENDER, M. L.: *Wordlists of Dimé, Dizi, Nayi, Sheko*. MS. 5 August 1996.
- BIARNAY, S.: Étude sur le dialecte des bet’tioua du Vieil-Arzen // *Revue Africaine* 277 (1911), 1–261. Paris & Alger, Typographie Adolphe Jourdan.
- BIARNAY, S.: *Étude sur les dialectes berbères du Rif. Lexique, textes et notes de phonétique*. Paris, 1917, Ernest Leroux.
- BIBERSTEIN KAZIMIRSKI, A. DE: *Dictionnaire arabe-français*. Paris, 1860, Maisonneuve & Co. Editeurs.
- BIELLA, J. C.: *Dictionary of Old South Arabic*. Chico, 1982, Scholars Press at Harvard.
- BITTNER, M.: Studien zur Šhauri-Sprache in den Bergen von Ḏofār am Persischen Meerbusen. IV. Index (šhauri-deutsches Glossar) und Nachträge zu den Texten von D.H. von Müller (textkritische Noten nach den ersten Aufnahmen) // *Sitzungsberichte der Kaiserlichen Akademie der Wissenschaften in Wien, phil.-hist. Klasse*, 183. Band, 5. Abhandlung (1917), 1–106.
- BLACHÈRE, R. & CHOUÉMI, M. & DENIZEAU, C. & PELLAT, Ch.: *Dictionnaire arabe-français-anglais (Langue classique et moderne)*. Tome I–III. Paris, 1967–1976, Maisonneuve et Larose.
- BLACK, P. D.: Werizoid // BENDER, M. L. (ed.): *The Non-Semitic Languages of Ethiopia*. East Lansing, Michigan, 1976, Michigan State University. Pp. 222–231.
- BORGHOUTS, J. F.: *The Magical Texts of the Papyrus Leiden I 348*. Leiden, 1971, E. J. Brill.
- BOUGCHICHE, L.: Glossaire kabyle des termes et des énoncés figurant dans les chapitres liminaires et dans l’ensemble mythique du volume I des Volksmärchen der Kabylen (pp. 3–114) // *Littérature Orale Arabo-Berbère* 26 (1998), 277–338.
- BOULIFA, S. A.: *Une première année de langue kabyle (dialecte zouaoua) à l’usage des candidats à la prime et au brevet de kabyle*. Deuxième édition. Alger, 1910, Adolphe Jourdan.
- BREASTED, J. H.: *The Edwin Smith Surgical Papyrus*. Vol. I. Chicago, 1930, The University of Chicago Press.
- BROCKELMANN, C.: Ägyptisch-semitische Etymologien // *Zeitschrift für Semitistik* 8 (1932), 97–117.
- BURKARD, G.: *Textkritische Untersuchungen zu ägyptischen Weisheitslehren des Alten und Mittleren Reiches*. Wiesbaden, 1977, Otto Harrassowitz.
- CAD = *The Assyrian Dictionary of the Oriental Institute of the University of Chicago*. Vol. 1–21. Glückstadt & Chicago, Since 1956, J. J. Augustin, The Oriental Institute of the University of Chicago.
- CAÏTUCOLI, C.: *Lexique masa*. Paris, 1983, Agence de Coopération Culturelle et Technique.
- CAMINOS, R.: *The Chronicle of Osorkon*. Roma, 1958, Pontificium Institutum Biblicum.
- CANNUYER, Ch.: Les formes dérivées du verbe en ancien égyptien. Essai de systématisation // *Göttinger Miszellen* 63 (1983), 25–33.
- CANNUYER, Ch.: Recherches sur l’onomastologie du feu en Ancien Égyptien // *ZÄS* 117 (1990), 103–111.
- CD = CRUM, W. E.: *A Coptic Dictionary*. Oxford, 1939, Oxford, 1939, Oxford University Press.
- CdE = *Chronique d’Égypte* (Bruxelles).
- CED = ČERNÝ, J.: *Coptic Etymological Dictionary*. London, Cambridge, 1976, Cambridge University Press.
- CERULLI, E.: Note su alcune popolazioni sidāmā dell’Abissinia meridionale II: i Sidama dell’Omo // *Rivista degli Studi Orientali* 12 (1929), 1–69.
- CHAKER, S.: Dérivés de manière en berbère (Kabyle) // *Comptes Rendus du Groupe Linguistique d’Études Chamito-Sémitiques (GLECS)* 17 (1972–73), 81–96.
- CHOUEMI, M.: La consonne nasale N en arabe // *Comptes Rendus du Groupe Linguistique d’Études Chamito-Sémitiques (GLECS)* 10 (1963–66), 72–76.
- CLAUS, (?): Die Wangómwia // *Zeitschrift für Ethnologie* 42 (1910), 489–497.
- CLD I = STOLBOVA, O. V.: *Chadic Lexical Database*. Issue I. L, N, NY, R. Kaluga, 2005, Poligrafiya.
- COCHAVI-RAINEY, Z.: Egyptian Influence in the Amarna Texts // *UF* 29 (1997), 95–114.
- COHEN, M.: *Essai comparatif sur le vocabulaire et la phonétique du chamito-sémitique*. Paris, 1947, Librairie Ancienne Honore Champion.

- COLOMBEL, V. DE: *Phonologie quantitative et synthématique. Propositions méthodologiques et théoriques avec application à l'ouldémé (langue tchadique du Nord-Cameroun)*. Paris, 1986, SELAF.
- COLOMBEL, V. DE: Classes verbales en ouldémé // JUNGRAITHMAYR, H. & TOURNEUX, H. (eds.): *Études tchadiques. Classes et extensions verbales*. Paris, 1987, Paul Geuthner. Pp. 25–31.
- COLOMBEL, V. de: Les extensions verbales productives, mi-figées ou fossilisées en langue ouldémé // JUNGRAITHMAYR, H. & TOURNEUX, H. (eds.): *Études tchadiques. Classes et extensions verbales*. Paris, 1987, Paul Geuthner. Pp. 65–91.
- COLOMBEL, V. DE: *La labgue ouldémé (Nord-Cameroun). Précis de grammaire, texte, lexique*. Paris, 1997, Association de Linguistique Africaine.
- CONTI ROSSINI, C.: *La langue des Kament en Abyssinie*. Wien, 1912, Alfred Hölder.
- CONTI ROSSINI, C.: Sui linguaggi dei Naa e dei Ghimirra (Sce) nell'Etiopia Meridionale // *Rendiconti della Reale Accademia dei Lincei, Classe di Scienze morali, storiche e filologiche*, ser. VI, vol. 1 (1925), 512–636.
- CONTI ROSSINI, C.: Contributi per la conoscenza della lingua Haruro (Isole del Lago Margherita) // *Rendiconti della Reale Accademia Nazionale dei Lincei, Classe di Scienze morali, storiche e filologiche*, Ser. VI, vol. XII, fasc. 7–10 (1937), 621–679.
- COOPER, K. N.: *Lexique zime-français. Vün târi. Sarh (Tchad)*, 1984, Centre d'Études Linguistiques.
- COSPER, R.: *South Bauchi Lexicon. A Wordlist of Nine South Bauchi (Chadic) Languages and Dialects*. Halifax, 1994, The Author (Saint Mary's University).
- COSPER, R.: *Barawa Lexicon. A Word-list of Eight South Bauchi (West Chadic) Languages: Boghom, Buli, Dott, Geji, Jimi, Polci, Sayanci and Zul*. München, 1999, Lincom Europa.
- CT = BUCK, A. DE: *The Egyptian Coffin Texts*. Vol. I–VII. Chicago, 1935–61, The University of Chicago Press.
- DALLET, J.-M.: *Dictionnaire qabyle-français. Parler des At Mangellat (Algérie)*. Paris, 1982, SELAF (Société d'études linguistiques et anthropologiques de France).
- DALMAN, G. H.: *Aramäisch-neuhebräisches Handwörterbuch zu Targum, Talmud und Midrasch*. Frankfurt a/M, 1922, J. Kaufmann Verlag.
- DCT = MOLEN, R. VAN DER: *A Hieroglyphic Dictionary of Egyptian Coffin Texts*. Leiden, 2000, E.J. Brill.
- DEBOO, J.: *Jemenitisches Wörterbuch. Arabisch-Deutsch-Englisch*. Wiesbaden, 1989, Harrassowitz.
- DELCL = VYCICHL, W.: *Dictionnaire étymologique de la langue copte*. Leuven, 1983, Peeters.
- DELHEURE, J.: *Dictionnaire mozabite-français*. Paris, 1984, Société d'Études Linguistiques et Anthropologique de France (SELAF).
- DELHEURE, J.: *Dictionnaire ouargli-français*. Paris, 1987, Société d'Études Linguistiques et Anthropologique de France (SELAF).
- DG = ERICHSEN, W.: *Demotisches Glossar*. Copenhagen, 1954, Ejnar Munksgaard.
- D'JAKONOV, I. M.: *Semitohamitskie jazyki. Opyt klassifikacii*. Moskva, 1965, Nauka.
- DIAKONOFF, I. M.: Letter to the Conference // BYNON, J. (ed.): *Current Progress in Afro-Asiatic Linguistics*. Amsterdam, 1984, John Benjamins. Pp. 1–10.
- D'JAKONOV, I. M. & MILITAREV, A. Ju. & PORHOMOVSKIJ, V. Ja. & STOLBOVA, O. V.: Obščeafrazijskaja fonologičeskaja sistema // PORHOMOVSKIJ, V. Ja. (ed.): *Afrikanskoe istoričeskoe jazykoznanie. Problemy rekonstrukcii*. Moskva, 1987, Nauka. Pp. 9–29.
- DIAKONOFF, I. M.: *Afrasian Languages*. Moscow, 1988, Nauka.
- DIAKONOFF, I. M. (with assistance by MILITAREV, A. Ju. & STOLBOVA, O. V.): Proto-Afrasian and Old Akkadian // *Journal of Afroasiatic Languages* 4/1 (1992).
- DIAKONOFF, I. M. & MILITAREV, A. Ju. & PORKHOMOVSKIJ, V. JA. & STOLBOVA, O. V.: On the Principles of Afrasian Phonological Reconstruction // *St. Petersburg Journal of African Studies* 1 (1993), 7–15.
- DLE = LESKO, L. H.: *A Dictionary of Late Egyptian*. Volume I, II, III, IV. Berkeley, 1982, 1984, 1987, 1989. B.C. Scribe Publications.
- DOZY, R.: *Suppléments aux dictionnaires arabes*. Tome I–II. Leiden, Paris, 1881, E. J. Brill, Maisonneuve.
- DROWER, E.S. & MACUCH, R.: *A Mandaic Dictionary*. Oxford, 1963, Clarendon Press.
- DUL = OLMO LETE, G. & SANMARTÍN, J.: *A Dictionary of the Ugaritic Language in the Alphabetic Tradition. Part One [?(a/i/u)-k]. Part Two [l-z]*. Leiden, 2003, E. J. Brill.
- EBOBISSE, C.: *Die Morphologie des Verbs im Ost-Dangaleat (Guera, Tschad)*. Berlin, 1979, Dietrich Reimer Verlag.
- EDE I = TAKÁCS, G.: *Etymological Dictionary of Egyptian*. Volume One: A Phonological Introduction. Leiden, 1999, E. J. Brill.

- EDEL, E.: *Die Felsengräbernekropole der Qubbet el-Hawa bei Assuan*. II. Wiesbaden, 1975, Harrassowitz.
- EHRET, Ch.: *Ma'a — English Vocabulary*. MS. Los Angeles, California, around 1974 (in Ehret 1980, 390 dated for 1966–74). 82 p.
- EHRET, Ch.: *The Historical Reconstruction of Southern Cushitic Phonology and Vocabulary*. Berlin, 1980, Dietrich Reimer Verlag.
- EHRET, Ch.: *Reconstructing Proto-Afroasiatic (Proto-Afrasian). Vowels, Tone, Consonants, and Vocabulary*. Berkeley, Los Angeles, California, 1995, University of California.
- EL-SAYED, R.: Mots et expressions évoquant l'idée de lumière // *ASAE* 71 (1987), 61–86.
- EMBER, A.: Notes on the Relation of Egyptian and Semitic // *ZÄS* 50 (1912), 86–90.
- EMBER, A.: Kindred Semito-Egyptian Words. New Series // *ZÄS* 51 (1913), 110–121.
- ESS = EMBER, A.: *Egypto-Semitic Studies*. Leipzig, 1930, The Alexander Cohut Memorial Foundation.
- FAGNAN, E.: *Additions aux dictionnaires arabes*. Alger, 1923, Jules Carbonel.
- FALTINGS, D.: *Die Keramik der Lebensmittelproduktion im Alten Reich. Ikonographie und Archäologie eines Gebrauchsartikels*. Heidelberg, 1998, Heidelberger Orientverlag.
- FD = FAULKNER, R. O.: *A Concise Dictionary of Middle Egyptian*. Oxford, 1962, Clarendon Press.
- FECHT, G.: *Wortakzent und Silbenstruktur. Untersuchungen zur Geschichte der ägyptischen Sprache*. Glückstadt, 1960, Verlag J. J. Augustin.
- FÉDRY, J. (avec la collaboration de KHAMIS, J. & O/NEDJEI, M.): *Dictionnaire dangaleat (Tchad)*. Thèse de 3<sup>e</sup> cycle, Institut National des Langues et Civilisations Orientales. Lyon, 1971, Afrique et Langage.
- FEICHTNER, M.K.: Die erweiterten Verbalstämme im Ägyptischen // *Wiener Zeitschrift für die Kunde des Morgenlandes* 38 (1932), 195–228.
- FISCHER-ELFERT, H.-W.: *Die satirische Streitschrift des Papyrus Anastasi I. Übersetzung und Kommentar*. Wiesbaden, 1986, Harrassowitz.
- FLEMING, H. C.; AKLILU YILMA; MITIKU, A.; HAYWARD, R.; MIYAWAKI, Y.; MIKESH, P.; SEELIG, J. M.: ONGOTA (OR) BIRALE. A Moribund Language of Gemu-Gofa (Ethiopia) // *JAAL* 3/3 (1992) or (1992–93), 181–225.
- FLEMING, H. C.: Proto-South-Omotic or Proto-Somotic Consonant Phonemes: Stage One // BECHHAUS-GERST, M. & SERZISKO, F. (eds.): *Cushitic-Omotic. Papers from the International Symposium on Cushitic and Omotic Languages, Cologne, January 6–9, 1986*. Hamburg, 1988, Helmut Buske Verlag. Pp. 163–175.
- FOUCAULD, CH. DE: *Dictionnaire touareg-français, dialecte de l'Ahaggar*. Vol. I–IV. Paris, 1951–52, Imprimerie Nationale de France.
- FOULKES, H. D.: *Angass Manual. Grammar, Vocabulary*. London, 1915, Kegan Paul, Trench, Trübner and Co.
- FOURNET, J.-L.: Les emprunts du grec à l'égyptien // *Bulletin de la Société de Linguistique de Paris* 84 (1989), 55–80.
- FRAJZYNGIER, Z.: *A Pero-English and English-Pero Vocabulary*. Berlin, 1985, Dietrich Reimer Verlag.
- FRAJZYNGIER, Z.: *A Dictionary of Mupun*. Berlin, 1991, Dietrich Reimer Verlag.
- FRANKE, D.: Probleme der Arbeit mit altägyptischen Titeln des Mittleren Reiches // *GM* 83 (1984), 103–124.
- FROLOVA, T.: The Reconstruction of the Vowel in the Proto-Semitic Verbal Base -C<sub>1</sub>C<sub>2</sub>VC<sub>3</sub>-: The Evidence of Akkadian and Arabic // KOGAN, L. (ed.): *Orientalia: Papers of the Oriental Institute. Issue III. Studia Semitica*. Moscow, 2003, Russian State University of Humanities. Pp. 79–101.
- GAUDICHE, (?): La langue boudouma // *Journal de la Société des Africaniastes* 8 (1938), 13–32.
- GÄSW = CALICE, F. VON: *Grundlagen der ägyptisch-semitischen Wortvergleichung*. Wien, 1936, Selbstverlag des Orientalischen Institutes der Universität Wien.
- GB = GESENIUS, W. (bearbeitet von BUHL, F.): *Hebräisches und aramäisches Handwörterbuch über das Alte Testament*. Unveränderter Neudruck der 1915 erschienenen 17. Auflage. Berlin, Göttingen, Heidelberg, 1962, Springer-Verlag.
- GD = LANDBERG, Le Comte de: *Glossaire dañnois*. Vol. I–III. Leiden, 1920, 1923, 1942, E.J. Brill.
- GHWb = HANNIG, R.: *Grosses Handwörterbuch Ägyptisch-Deutsch (2800–950 v. Chr.)*. Mainz, 1995, Verlag Philipp von Zabern.
- GLECS = *Comptes-Rendus du Groupe Linguistique d'Études Chamito-Sémitiques* (Paris).
- GM = *Göttinger Miszellen* (Göttingen).
- GOCHAL, G.: *A Look at Shik Ngas*. Jos, 1994, Jos University Press.
- GOEDICKE, H.: A Cult Inventory of the Eighth Dynasty from Coptos (Cairo JE 43290) // *Mitteilungen der Deutschen Archäologischen Instituts*, Abteilung Kairo 50 (1994), 71–84.
- GOODWIN, Ch. W.: On the Interchange of the Letters [n] and [r] in Egyptian // *ZÄS* 5 (1867), 85–88.

- GRAY, L. H.: Notes étymologiques sur les “verbes faibles” en hébreu biblique // *Archív Orientální* 5 (1933), 124–130.
- GREENBERG, J. H.: *Studies in African linguistic Classification*. Branford, Connecticut, 1955, Compass Publishing Company.
- GREENBERG, J. H.: The Languages of Africa // *International Journal of American Linguistics* 29 (1963).
- GRIFFITH, F. L.: *A Collection of Hieroglyphs. A Collection of Hieroglyphs. A Contribution to the History of Egyptian Writing*. London, 1898, Egypt Exploration Fund, Kegan Paul & Trench & Trübner & Co.
- GRIFFITH, F. L.: *Hieratic Papyri from Kahun and Gurob (Principally of the Middle Kingdom)*. Text. London, 1898, Bernard Quaritch.
- HAM = WESTENDORF, W.: *Handbuch der altägyptischen Medizin*. Leiden, 1999, Brill.
- HARRIS, J.R.: *Lexicographical Studies in Ancient Egyptian Minerals*. Berlin, 1961, Akademie-Verlag.
- HARUNA, A.: *English-Guruntum*. MS. 1992 (?). 32 p.
- HCVA I = DIAKONOFF, I. M.; BELOVA, A. G.; MILITAREV, A. JU.; PORHOMOVSKIJ, V. JA.; STOLBOVA, O. V.: Historical Comparative Vocabulary of Afrasian. Part 1 // *St. Petersburg Journal of African Studies* 2 (1993), 5–28.
- HCVA II = DIAKONOFF, I. M.; BELOVA, A. G.; MILITAREV, A. JU.; PORHOMOVSKIJ, V. JA.; STOLBOVA, O. V.: Historical Comparative Vocabulary of Afrasian. Part 2 // *St. Petersburg Journal of African Studies* 3 (1994), 5–26.
- HCVA III = DIAKONOFF, I. M.; BELOVA, A. G.; MILITAREV, A. JU.; PORHOMOVSKIJ, V. JA.; STOLBOVA, O. V.: Historical Comparative Vocabulary of Afrasian. Part 3 // *St. Petersburg Journal of African Studies* 4 (1994), 7–38.
- HCVA IV = DIAKONOFF, I. M.; BELOVA, A. G.; MILITAREV, A. JU.; PORHOMOVSKIJ, V. JA.: Historical Comparative Vocabulary of Afrasian. Part 4 // *St. Petersburg Journal of African Studies* 5 (1995), 4–32.
- HCVA V = DIAKONOFF, I. M.; BELOVA, A. G.; MILITAREV, A. JU.; PORHOMOVSKIJ, V. JA.: Historical Comparative Vocabulary of Afrasian. Part 5 // *St. Petersburg Journal of African Studies* 6 (1997), 12–35.
- HEINE, B.: Vokabulare ostafrikanischer Restsprachen. Teil I // *Afrika und Übersee* 56 (1973), 276–283.
- HEINE, B.: The Sam Languages. A History of Rendille, Boni and Somali // *Afroasiatic Linguistics* 6/2 (1978), 23–115.
- HINZ, W.: Zu den Sinai-Inschriften (II) // *Zeitschrift der Deutschen Morgenländischen Gesellschaft* 142 (1992), 262–274.
- HOCH, J. E.: *Semitic Words in Egyptian Texts of the New Kingdom and Third Intermediate Period*. Princeton, 1994, Princeton University Press.
- HODGE, C. T.: Hausa-Egyptian Establishment // *Anthropological Linguistics* 8/1 (1966), 40–57.
- HODGE, C. T.: An Egypto-Semitic Comparison // *Folia Orientalia* 17 (1976), 5–28.
- HODGE, C. T.: Lislakh: Progress and Prospects // BYNON, J. (ed.): *Current Progress in Afro-Asiatic Linguistics*. Amsterdam, Philadelphia, 1984, John Benjamins. Pp. 413–421.
- HSED = OREL, V. É. & STOLBOVA, O. V.: *Hamito-Semitic Etymological Dictionary*. Leiden, 1995, E. J. Brill.
- HUDSON, G.: *Highland East Cushitic Dictionary*. Hamburg, 1989, Buske.
- HUDSON, R.A.: *A Dictionary of Beja. Draft Printout*. February 29, 1996. Version prepared by R.M. BLENCH.
- HUEHNERGARD, J.: Further South Semitic Cognates to the Akkadian Lexicon // KAYE, A. S. (ed.): *Semitic Studies in Honor of Wolf Leslau on the Occasion of His Eighty-Fifth Birthday, November 14<sup>th</sup>, 1991*. Volume I. Wiesbaden, 1991, Otto Harrassowitz. Pp. 690–713.
- IEW = POKORNY, J.: *Indogermanisches etymologisches Wörterbuch*. Band I. Bern-München, 1959, Francke Verlag.
- IL = *Institute of Linguistics. Bauch Area Survey Report presented by N. Campbell and J. Hoskison*. MS. Zaria, 1972.
- ILLIČ-SVITYČ, V. M.: *Opyt sravnjenija nostratičeskikh jazykov (semitohamitskij, kartvel'skij, indoevropskij, ural'skij, dravidijskij, altajskij). Sravnitel'nyj slovar'* (I-3). Ukarateli. Moskva, 1976, Nauka.
- JANSEN-WINKELN, K.: *Spätmittelägyptische Grammatik der Texte der 3. Zwischenzeit*. Wiesbaden, 1996, Harrassowitz Verlag.
- JASTROW, M.: *A Dictionary of the Targumim, the Talmud Babli and Yerushalmi, and the Midrashic Literature*. Volume I: ?-k, Volume II: l-t. New York, 1950, Pardes Publishing House Inc.
- JÉQUIER, G.: *Les frises d'objets des sarcophages du Moyen Empire*. Le Caire, 1921, IFAO.
- JNES = *Journal of Near Eastern Studies* (Chicago).
- JOHNSTONE, T. M.: *Harsusi Lexicon*. London, 1977, Oxford University Press.
- JOHNSTONE, T. M.: *Jibbāli Lexicon*. London, 1981, Oxford University Press.
- JOHNSTONE, T. M.: *Mehri Lexicon*. London, 1987, University of London.
- JORDAN, A.: *Dictionnaire berbère-français (dialectes tašelhait) contenant 6.025 formes*. Rabat, 1934, Éditions Omnia.
- JUNGRAITHMAYR, H.: Materialen zur Kenntnis des Chip, Montol, Gerka und Burrum (Südplateau, Nordnigerien) // *Afrika und Übersee* 48 (1965), 161–183.

- JUNGRAITHMAYR, H.: *Die Ron-Sprachen. Tschadohamitische Studien in Nordnigerien*. Glückstadt, 1970, Verlag J. J. Augustin.
- JUNGRAITHMAYR, H. & SHIMIZU, K.: *Chadic Lexical Roots. Vol. II. Tentative Reconstruction, Grading and Distribution*. Berlin, 1981, Verlag von Dietrich Reimer.
- JUNGRAITHMAYR, H.: *Lexique mokilko*. Berlin, 1990, Dietrich Reimer Verlag.
- JUNGRAITHMAYR, H.: *Lexique mubi-français (Tchad oriental)*. MS. Frankfurt a/M, 1990. 50 p.
- JUNGRAITHMAYR, H. & IBRISZIMOW, D.: *Wordlist of Sarwa, Gadang, Miltu (Gali)*. MS. Groupe d'Études Tchadiques. 1990. 15 p.
- JUNGRAITHMAYR, H. & IBRISZIMOW, D.: *Sur les langues sarwa, gadang et miltu (groupe sibine/somray)*. MS. Groupe d'Études Tchadiques. 1990. 20 p.
- JUNGRAITHMAYR, H. (in collaboration with N. A. GALADIMA and U. KLEINEWILLINGHÖFER): *A Dictionary of the Tangle Language (Kaltungo, Northern Nigeria) with a Grammatical Introduction*. Berlin, 1991, Dietrich Reimer Verlag.
- JUNGRAITHMAYR, H. & ADAMS, A.: *Lexique migama*. Berlin, 1992, Dietrich Reimer Verlag.
- JUNGRAITHMAYR, H.: Das Birgit, eine osttschadische Sprache — Vokabular und grammatische Notizen // TAKÁCS, G. (ed.): *Egyptian and Semito-Hamitic (Afro-Asiatic) Studies in Memoriam Werner Vycichl*. Leiden, 2004, E. J. Brill. Pp. 342–371.
- KAHL, J.: Die Defektivschreibungen in den Pyramidentexten // *Lingua Aegyptia* 2 (1992), 99–116.
- KANE, Th. L.: *Amharic-English Dictionary*. Wiesbaden, 1990, Harrassowitz Verlag.
- KAPLONY, P.: Das Papyrusarchiv von Abusir // *Or. NS* 41 (1972), 11–79, 180–244.
- KB = KOEHLER, L. & BAUMGARTNER, W.: *The Hebrew and Aramaic Lexicon of the Old Testament*. I–V. Leiden, 1994–2000, E. J. Brill.
- KBIÄF = KAPLONY, P.: *Kleine Beiträge zu den Inschriften der ägyptischen Frühzeit*. Wiesbaden, 1966, Harrassowitz.
- KHW = WESTENDORF, W.: *Koptisches Handwörterbuch*. Heidelberg, 1977, Carl Winter Universitätsverlag.
- KIEßLING, R. & MOUS, M.: *The Lexical Reconstruction of West-Rift Southern Cushitic*. Kuschitische Sprachstudien, Band 21. Köln, 2004, Rüdiger Köppe Verlag.
- KÖPFSTEIN, S.: Altägyptische Bezeichnungen für Tische, Sitz- und Liegemöbel vom Alten bis zum Neuen Reich // *Altorientalische Forschungen* 16/1 (1989), 3–35.
- KRI = KITCHEN, K.A.: *Ramesside Inscriptions — Historical and Biographical*. Vol. I–VII. Oxford, 1968/1975–83/89, Oxford University Press.
- LACAU, P.: *Études d'Égyptologie*. II. Morphologie. Le Caire, 1972, IFAO.
- LADEFOGED, P.: *A Phonetic Study of West African Languages. An Auditory-Instrumental Survey*. Cambridge, 1964, University Press.
- LAMBDIN, Th. O.: Egyptian Words in Tell El Amarna Letter No. 14 // *Orientalia NS* 22 (1953), 362–369.
- LAMBERTI, M.: *Materialien zum Yemsa*. Heidelberg, 1993, Carl Winter Universitätsverlag.
- LANDBERG, Le Comte de: *Études sur les dialectes de l'Arabie Méridionale. Premier volume: Hadramoût*. Leiden, 1901, Brill.
- LANE, E. W.: *An Arabic-English Lexicon*. I–VIII. London & Edinburgh, 1863–93, Williams and Norgate.
- LANFRY, J.: *Ghadames. II. Glossaire*. Alger, 1973, Le Fichier Periodique.
- LANGE, H.O.: Das Weisheitsbuch des Amenemope aus dem Papyrus 10,474 des British Museum // *Det Kongelige Danske Videnskabernes Selskab, Historisk-filologiske Meddelelser* 11/2 (1925), 1–141.
- LAOUST, E.: *Étude sur le dialecte berbère du chenoua comparé avec ceux des Beni-Menacer et des Beni-Salah*. Paris, 1912, Ernest Leroux.
- LAOUST, E.: *Siwa. I. Son parler*. Paris, 1931, Librairie Ernest Leroux.
- LÄ = HELCK, W. & WESTENDORF, W. (Hrsg. begründet von W. HELCK und E. OTTO): *Lexikon der Ägyptologie*. Band I–VII. Wiesbaden, 1975–92, Harrassowitz.
- LEITZ, Ch.: *Magical and Medical Papyri of the New Kingdom. Hieratic Papyri of the British Museum VII*. London, 1999, British Museum Press.
- LEITZ, Ch.: Besprechung von OSING, J.: *The Carlsberg Papyri, 2. Hieratische Papyri aus Tebtunis* // *Bibliotheca Orientalis* 57/3–4 (2000), 270–278.
- LENSSSEN, T.: *Das Verb im Kwang (Tschad) — eine phonologische Studie*. M.A. thesis, Marburg, 1982, Philipps-Universität Marburg.
- LESKO, L.H.: *The Ancient Egyptian Book of Two Ways*. Berkeley, Los Angeles and London, 1972, University of California Press.

- LESLAU, W.: *Lexique soqotri (sudarabique moderne), avec comparaisons et explications étymologiques*. Paris, 1938, Librairie C. Klincksieck.
- LESLAU, W.: *A Dictionary of Moča (Southwestern Ethiopia)*. Berkeley, Los Angeles, 1959, University of California Press.
- LESLAU, W.: *Etymological Dictionary of Gurage (Ethiopic)*. Vol. III. Etymological Section. Wiesbaden, 1979, Otto Harrassowitz.
- LESLAU, W.: North Ethiopic and Amharic Cognates in Tigre // *AION* (Supplemento 31), vol. 42, fasc. 2 (1982), 1–86.
- LESLAU, W.: *Comparative Dictionary of Ge'ez (Classical Ethiopic)*. Wiesbaden, 1987, Otto Harrassowitz.
- LEVY, J.: *Wörterbuch über die Talmudim und Midraschim nebst Beiträgen von Heinrich Leberecht Fleischer*. Zweite Auflage mit Nachträgen und Berichtigungen von Lazarus Goldschmidt. I–IV. Berlin & Wien, 1924, Benjamin Harz Verlag.
- LOUBIGNAC, V.: *Étude sur le dialecte berbère des Zaian et Ait Sgougou. Textes (deuxième section)*. Paris, 1924, Ernest Leroux.
- LÖHR, D.: *Die Sprache der Malgwa (Nárá Málgwá)*. Grammatische Erstbeschreibung einer zentraltschadischen Sprache Nordost-Nigerias. Frankfurt a/M, 2002, Peter Lang Europäischer Verlag der Wissenschaften.
- LUKAS, J.: Die Logone-Sprache im Zentralen Sudan // *Abhandlungen für die Kunde des Morgenlandes* 21/6 (1936).
- LUKAS, J.: Zentralsudanische Studien // *Abhandlungen aus dem Gebiet der Auslandskunde*. Hansische Universität, Reihe B, Band 45/24 (1937).
- LUKAS, J.: Die Personalia und das primäre Verb im Bolanci (Nordnigerien). Mit Beiträge über das Karekare // *Afrika und Übersee* 55 (1971), 114–139.
- MAGHWAY, J. B.: Iraqw Vocabulary // *Afrikanistische Arbeitspapiere* 18 (1989), 91–118.
- MAGWA, J. G. et al. (20 members of the “Ron Language Committee”): *A Ron Alphabet*. Jos, Nigeria, 1985, Nigeria Bible Translation Trust.
- MAJZEL', S. S. (additions by and edited by MILITAREV, A. Ju.): *Puti razvitiya kornevogo fonda semitskih jazykov*. Moskva, 1983, Nauka.
- MASPERO, G.: *Études de mythologie et d'archéologie égyptiennes*. I. II. Paris, 1898.
- MASQUERAY, E.: Comparaison d'un vocabulaire du dialecte des Zenaga avec les vocabulaires correspondants des dialectes des Chawiya et des Beni Mzab // *Archives des Missions Scientifiques et Littéraires*, 3<sup>ème</sup> série, tome 5<sup>ème</sup> (1879), 483–533.
- MASSART, A.: *The Leiden Magical Papyrus I 343 + I 345*. Leiden, 1954, E. J. Brill.
- MATSUSHITA, Sh.: *An Outline of Gwandara Phonemics and Gwandara-English Vocabulary*. Tokyo, 1972, Tokyo Press.
- MEEKS, D.: Review of HANNIG, R.: *Ägyptisches Wörterbuch I. Altes Reich und Erste Zwischenzeit* // *Lingua Aegyptia* 13 (2005), 231–263.
- MERCIER, H.: *Vocabulaires et textes berbères dans le dialecte des Ait Izdeg*. Rabat, 1937, René Céré.
- MILITAREV, A. Ju.: Tamâhaq Tuaregs in the Canary Islands (Linguistic Evidence) // *Aula Orientalis* 6 (1988), 195–209.
- MILITAREV, A. Ju.: Istoricheskaja fonetika i leksika livijsko-guančskih jazykov // SOLNEV, V. M. (ed.): *Jazyki Azii i Afriki*. IV, kniga 2. Moskva, 1991, Glavnaja Redakcija Vostočnoj Literatury. Pp. 238–267.
- MILITAREV, A. Ju.: Once More About Glottochronology and the Comparative Method: the Omotic-Afrasian Case // *Orientalia et Classica. Trudy Instituta vostočnyh kul'tur i antičnosti*. Vypusk VI. Moskva, 2005, Rossijskij Gosudarstvennyj Gumanitarnyj Universitet. Pp. 339–408.
- MONETTE, P.: *Scènes de la vie privée dans les tombeaux égyptiens de l'ancien empire*. Strasbourg, 1925, Istra.
- MOTYLINSKI, A. de C.: *Le dialecte berbère de R'edamès*. Paris, 1904, Ernest Leroux.
- EL-MOUNTASSIR, A.: *Initiation au tachelhit, langue berbère du sud du Maroc. Ra nsawal tachelhit*. Paris, 1999, Langues & Mondes, L'Asiathèque.
- MOUS, M. & QORRO, M. & KIEBLING, R.: *Iraqw-English Dictionary with an English and a Thesaurus Index*. Köln, 2002, Rüdiger Köppe Verlag.
- MUCHIKI, Y.: *Egyptian Proper Names and Loanwords in North-West Semitic*. Society of Biblical Literature Dissertation Series 173. Atlanta, Georgia, 1999, Society of Biblical Literature.
- MUKAROVSKY, H. G.: Les rapports du basque et du berbère // *GLECS* 10 (1963–66), 177–184.
- MÜLLER, W. W.: Äthiopisches zur semitisch-ägyptischen Wortvergleichung // *Muséon* 74 (1961), 199–205.
- MWNR = HELCK, W.: Materialien zur Wirtschaftsgeschichte des Neuen Reiches. Teil II // *AKademie der Wissenschaften und der Literatur, Abhandlungen der Geistes- und Sozialwissenschaftlichen Klasse* 11 (1960). Teil III: 2 (1963). Teil IV: 3 (1963). Teil V: 4 (1964). Teil VI: 4 (1969). With continuous pagination.

- NAÏT-ZERRAD, K.: Les préfixes expressifs en berbère // NAÏT-ZERRAD, K. (éd.): *Articles de linguistique berbère. Mémoires Werner Vycichl*. Paris, 2002, L'Harmattan. Pp. 349–372.
- NAKANO, A.: *Comparative Vocabulary of Southern Arabic — Mahri, Gibbali and Soqotri*. Tokyo, 1986, Institute for the Study of Languages and Cultures of Asia and Africa.
- NBÄ = OSING, J.: *Die Nominalbildung des Ägyptischen*. I–II. Maiz/Rhein, 1976, Verlag Philipp von Zabern.
- NEHLIL: *Étude sur le dialecte de Ghat*. Paris, 1909, Éditions Ernest Leroux.
- NETTING, R. M.: *Kofyar Vocabulary*. MS. 1967.
- NICOLAS, F.: *La langue berbère de Mauritanie*. Dakar, 1953, Institut Français d'Afrique Noire.
- NICOLAS, F.: Vocabulaires ethnographiques de la Tamâjeq des Iullemmeden de l'est (Touâreg de la Colonie du Niger, Afrique Occidentale Française) // *Anthropos* 52 (1957), 49–63, 564–580.
- NUNN, J. F.: *Ancient Egyptian Medicine*. London, 1996, British Museum.
- OLZ = *Orientalistische Literaturzeitung* (Berlin).
- OREL, V. É. & STOLBOVA, O. V.: On Chadic-Egyptian Lexical Relations // SHEVOROSHKIN, V. (ed.): *Nostratic, Dene-Caucasian, Austric and Amerind*. Bochum, 1992, Brockmeyer. Pp. 181–203.
- OSING, J.: *Hieratische Papyri aus Tebtunis I. Text*. Copenhagen, 1998, Museum Tusculanum Press.
- PARADISI, U.: Il berbero di Augila. Materiale lessicale // *Rivista degli Studi Orientali* 35/3–4 (1960), 157–177.
- PARADISI, U.: El-Fögäha, oasi berberofona del Fezzân // *Rivista degli Studi Orientali* 36/3–4 (1961), 293–302.
- PARKER, E. M. & HAYWARD, R. J.: *An Afar-English-French Dictionary (with Grammatical Notes in English)*. London, 1985, School of Oriental and African Studies, University of London.
- PEARCE, M.: Consonant and Tone in Kera (Chadic) // *Journal of West African Languages* 27/1 (1998–99), 33–70.
- PELLAT, Ch.: *Textes berbères dans le parler des Aït Seghrouchen de la Moulouya*. Paris, 1955, Éditions Larose.
- PEUST, C.: Zur Herkunft des koptischen *y* // *Lingua Aegyptia* 2 (1992), 117–125.
- PEUST, C.: Neue Impulse in der afroasiatischen Sprachwissenschaft. Zum Hamito-Semitic Etymological Dictionary von Vladimir Ėmmanuilovič Orël und Ol'ga Valer'evna Stolbova // *Lingua Aegyptia* 5 (1997), 251–276.
- PEYRON, M.: “*Isaffen ghbanin*” (*Rivières profondes*). Poésies du Moyen-Atlas Marocain traduites et annotées. Casablanca (Maroc), 1991. (?), Wallada.
- PIAMENTA, M.: *Dictionary of Post-Classical Yemeni Arabic*. I–II. Leiden, 1990–91, Brill.
- PIEHL, K.: Notes de philologie égyptienne // *PSBA* 15 (1893), 247–268, 471–493.
- POSENER-KRIÉGER, P.: *Les archives du temple funéraire de Néferirkarê-Kakaï (Les papyrus d'Abousir)*. I–II: Traductions et commentaire. Le Caire, 1976, IFAO.
- PRASSE, K.-G.: A propos de l'origine de h touareg (tahaggart) // *Det Kongelige Danske Videnskabernes Selskab. Historisk-filosofiske Meddelelser* 43/3 (1969).
- PRASSE, K.-G. & ALOJALY, GH. & MOHAMED, GH.: *Dictionnaire touareg-français (Niger)*. Copenhagen, 2003, Museum Tusculanum Press, University of Copenhagen.
- PT = SETHE, K.: *Die altägyptischen Pyramidentexte*. I–II. Leipzig, 1980, 1910, J. C. Hinrichs'sche Buchhandlung.
- PWEDDON, N. N. (ed. by N. SKINNER): *Bwatiye-English Dictionary with English-Bwatiye Index*. Madison, Wisconsin, 2000, Dr. Nicholas Pweddon.
- QUACK, J. F.: Zur Stellung des Ägyptischen innerhalb der afroasiatischen Sprachen // *Orientalistische Literaturzeitung* 97/2 (2002), 161–185.
- QUIBELL, J.E.: A Visit to Siwa // *ASAE* 18 (1918), 78–112.
- RAPP, E. L. & BENZING, B.: *Dictionary of the Glavidá Language*. Frankfurt am Main, 1968, Bible Society Franfurt am Main.
- RdE = *Revue d'Égyptologie* (Paris).
- REINISCH, L.: *Wörterbuch der Bilin-Sprache*. Wien, 1887, Alfred Hoelder.
- RENISIO, A.: *Étude sur les dialectes berbères des Beni Iznassen, du Rif et des Senhaja de Sraïr. Grammaire, textes et lexique*. Paris, 1932, Éditions Ernest Leroux.
- REUTT, T. E. & KOGAN, E. Z.: Materialy po leksike jazykov margi i bura // *Bespis'mennye i mladopis'mennye jazyki Afrika*. Moskva, 1973, Nauka. Pp. 83–147.
- ROPER, E.-M.: *Tu Bedawie. An Elementary Handbook for the Use of Sudan Government Officials*. Hertford, 1928, Stephen Austin & Sons.
- ROSSING, M. O.: *Mafa-Mada: A Comparative Study of Chadic Languages in North Cameroun*. Ph.D. dissertation. Wisconsin, 1978, University of Wisconsin-Madison.
- RT = *Recueil de Travaux Relatifs à la Philologie et à l'Archéologie Égyptiennes et Assyriennes* (Paris).

- SAADA, L.: Vocabulaire berbère de l'île de Djerba (Gellala) // *Orbis* 14 (1965), 496–500.
- SARNELLI, T.: Il dialetto berbero di Sokna // *L'Africa Italiana* (Napoli), supplement (1924–25).
- SASSE, H.-J.: The Consonant Phonemes of Proto-East-Cushitic (PEC) // *Afroasiatic Linguistics* 7/1 (1979), 1–67.
- SATZINGER, H.: Das ägyptische «Aleph»-Phonem // *Zwischen den beiden Ewigkeiten. Festschrift Gertrud Thausing*. Wien, 1994, Eigenverlag des Institutes für Ägyptologie der Universität Wien. Pp. 191–205.
- SAVÀ, G.: *English-Ts'amakko Wordlist*. MS. 2005.
- SCHENKEL, W.: *Zur Rekonstruktion der deverbalen Nominalbildung des Ägyptischen*. Wiesbaden, 1983, Harrassowitz.
- SCHLEE, G.: *Sprachliche Studien zum Rendille: Grammatik, Texte, Glossar*. Hamburg, 1978, Helmut Buske Verlag.
- SCHNEIDER, Th.: Zur Etymologie der Bezeichnung “König von Ober- und Unterägypten” // *Zeitschrift für Ägyptische Sprache* 120/2 (1993), 166–181.
- SCHNEIDER, Th.: Beiträge zur sogenannten “neueren Komparatistik”. Zum Gedenken an Otto Rössler (1907–1991) // *Lingua Aegyptia* 5 (1997), 189–209.
- SCHWEITZER, S. D.: Verbalklassen und Verbalklassenwechsel am Beispiel des koptischen Stativs KyK<sup>+</sup> // BLÖBAUM, A. I. & KAHL, J. & SCHWEITZER, S. D. (Hrsg.): *Ägypten-Münster. Kulturwissenschaftliche Studien zu Ägypten, dem Vorderen Orient und verwandten Gebieten, donum natalicium viro doctissimo Erharto Graefe sexagenario ab amicis collegis discipulis ex aedibus Schlaunstraße 2 / Rosenstraße 9 oblatum*. Wiesbaden, 2003, Harrassowitz. Pp. 233–248.
- SED II = KOGAN, A. & MILITAREV, A. (with contributions by A. ARAKELOVA, A. BELOVA, A. KOVALEV, D. NOSNI- TSYN, E. VIZIROVA, M. YAKUBOVICH): *Semitic Etymological Dictionary*. Vol. II. Animal Names. Münster, 2005, Ugarit-Verlag.
- SEIBERT, U.: *Comparative Ron Wordlist*. MS. Frankfurt, 2000. 45 & 17 p.
- SEIGNOBOS, CH. & TOURNEUX, H.: Note sur les baldamu et leur langue (Nord-Cameroun) // *Africana Marburgensia* 17/1 (1984), 13–30.
- SETHE, K.: Das Wort für “Hand” im Ägyptischen und der Laut *d* // *ZÄS* 50 (1912), 91–99.
- SHATNAWI, M.A.: Die Personennamen in den tāmudischen Inschriften. Eine lexikalisch-grammatische Analyse im Rahmen der gemeinsemitischen Namengebung // *UF* 34 (2002), 619–784.
- SHIMIZU, K.: The Southern Bauchi Group of Chadic Languages. A Survey Report // *Africana Marburgensia*. Special Issue 2 (1978), 1–50.
- SIEBERT, R.: Languages of the Abbaya/Chamo Area — Report Part I (with Notes on Koorete by L. Hoeft) // *Survey of Little-Known Languages of Ethiopia* (S.L.L.E.) Reports 21 (1994), 1–24.
- SISAJa I = D'JAKONOV, I. M.; BELOVA, A. G.; ČETVERUHIN, A. S.; MILITAREV, A. JU.; PORHOMOVSKIJ, V. JA.; STOLBOVA, O. V.: Sravnitel'no-istoričeskij slovar' afrazijskikh jazykov. Vypusk 1. *p-p-b-f* // *Pis'mennye pamjatniki i problemy istorii kul'tury narodov Vostoka. XV godičnaja naučnaja sessija Leningradskogo Otdelenija Instituta Vostokovedenija Akademii Nauk SSSR*. Moskva, 1981, Nauka. Pp. 3–127.
- SISAJa II = D'JAKONOV, I. M.; BELOVA, A. G.; MILITAREV, A. JU.; PORHOMOVSKIJ, V. JA.; STOLBOVA, O. V.: Sravnitel'no-istoričeskij slovar' afrazijskikh jazykov. Vypusk 2. *t-t-d* // *Pis'mennye pamjatniki i problemy istorii kul'tury narodov Vostoka. XVI godičnaja naučnaja sessija Leningradskogo Otdelenija Instituta Vostokovedenija Akademii Nauk SSSR*. Moskva, 1982, Nauka. Pp. 3–93.
- SISAJa III = D'JAKONOV, I. M.; BELOVA, A. G.; MILITAREV, A. JU.; PORHOMOVSKIJ, V. JA.; STOLBOVA, O. V.: Sravnitel'no-istoričeskij slovar' afrazijskikh jazykov. Vypusk 3. *s-c-ç-ʒ, č-č-ž, š-â-ê s labialami* // *Pis'mennye pamjatniki i problemy istorii kul'tury narodov Vostoka. XVI godičnaja naučnaja sessija Leningradskogo Otdelenija Instituta Vostokovedenija Akademii Nauk SSSR*. Moskva, 1986, Nauka. Pp. 3–46.
- SKINNER, N.: North Bauchi Chadic Languages: Common Roots // *Afroasiatic Linguistics* 4/1 (1977), 1–49.
- SKINNER, N.: *Hausa Comparative Dictionary*. Köln, 1996, Rüdiger Köppe Verlag.
- SMITH, H.S.: Three Coptic Etymologies // *JEA* 44 (1958), 122.
- SMITH, H.S.: *Varia Ptolemaica* // RUFFLE, J.; GABALLA, G. A.; KITCHEN, K. A. (eds.): *Glimpses of Ancient Egypt. Studies in Honour of H. W. Fairman*. Warminster, 1979, Aris & Phillips. Pp. 161–166.
- SODEN, W. VON: *N* als Wurzelaugment im Semitischen // *Wissenschaftliche Zeitschrift der Martin-Luther-Universität Halle-Wittenberg. Gesellschafts- und sprachwissenschaftliche Reihe* 17/2–3 (1968), 175–184.
- SPIEGELBERG, W.: *Koptisches Handwörterbuch*. Heidelberg, 1921, Carl Winter Universitätsverlag.
- STOLBOVA, O. V.: *Lateral Sibilants in Chadic (Reconstruction) and Their Correspondences in Semitic and Egyptian*. MS. Paper presented at the Symposium on Chadic and Hamito-Semitic, Frankfurt am Main, 6–8 May 1991. 9 p. Its shortened version was published in 1995 (see below).

- STOLBOVA, O. V.: Lateral Sibilants in Chadic (Reconstruction) and Their Correspondences in Semitic and Egyptian // IBRISZIMOW, D.; LEGER, R. (eds.): *Studia Chadica et Hamito-Semitica*. Köln, 1995, Rüdiger Köppe Verlag. Pp. 58–64.
- STOLBOVA, O. V.: *Studies in Chadic Comparative Phonology*. Moscow, 1996, "Diaphragma" Publishers.
- STOLBOVA, O. V.: *Chadic Lexical Database*. Issue I. L, N, NY, R. Kaluga, 2005, Poligrafiya.
- STRÜMPPELL, F.: Wörterverzeichnis der Heidensprachen des Mandara-Gebirges (Adamaua) // *Zeitschrift für Eingeborenen-Sprachen* 13 (1922–23), 109–149.
- STUMME, H.: Eine Sammlung über den berberischen Dialekt der Oase Sîwe // *Berichte über die Verhandlungen der Königlichen Sächsischen Gesellschaft der Wissenschaften zu Leipzig, phil.-hist. Klasse* 66/2 (1914), 91–109.
- SUDLOW, D.: *The Tamasheq of North-East Burkina Faso. Notes on Grammar and Syntax Including a Key Vocabulary*. Köln, 2001, Köppe.
- TAÏFI, M.: *Dictionnaire tamazight-français (parlers du Maroc central)*. Paris, 1991, L'Harmattan-Awal.
- TAKÁCS, G.: *Comparative Dictionary of the Angas-Sura Languages*. Berlin, 2004, Dietrich Reimer Verlag.
- TAKÁCS, G.: Tamazight Lexicon and Its Afro-Asiatic Background: The Evidence of Root-Initial *d*- and *ż*- // ALLATI, A. et al. (eds.): *Linguistique amazighe: les nouveaux horizons. Actes du Colloque international: 17, 18, 19 février 2005*. Tétouan, 2006, Publications de la Faculté des Lettres et des Sciences Humaines de Tétouan, Université Abdelmalek Essaâdi. Pp. 48–63.
- TAKÁCS, G.: *Studies in Afro-Asiatic Comparative Phonology (Consonants)*. Berlin, 2011, Dietrich Reimer Verlag.
- THISSEN, H.-J.: *Die Lehre des Anchscheschonqi* (P.BM 10508). Bonn, 1984, Dr. Rudolf Habelt GmbH.
- TILMATINE, M. (avec la collaboration de EL MOLGHY, A.; CASTELLANOS, C.; BANHAKIEA, H.): *La llengua rifena Tutlayt tarifit*. 1. *Gramàtica Rifena*. 2. *Lèxic bàsic Amazigh-Català-Francès*. 2a edició revisada, corregida i ampliada. Barcelona, 1998, Universitat Autònoma de Barcelona, Departament de Traducció i d'Interpretació.
- TOURNEUX, H.; SEIGNOBOS, CH.; LAFARGE, F.: *Les Mbara et leur langue (Tchad)*. Paris, 1986, Société d'Études Linguistiques et Anthropologiques de France.
- Urk. IV = SETHE, K. & HELCK, W.: *Urkunden der 18. Dynastie. Heft 1–16 & 17–22*. Berlin, 1927–30, 1955–58, Akademie-Verlag.
- ÜKAPT I–VI = SETHE, K.: *Übersetzung und Kommentar zu den altägyptischen Pyramidentexten*. I–VI. Glückstadt, Hamburg, 1935–62, J. J. Augustin.
- VERGOTE, J.: *Phonétique historique de l'égyptien*. Paris, 1945, Le Muséon.
- VERGOTE, J.: Review of ERMAN, A. & GRAPOW, H.: *Wörterbuch der ägyptischen Sprache, Band VI* // *Muséon* 63 (1950), 289–294.
- VERGOTE, J.: *Grammaire copte: introduction, phonétique et phonologie, morphologie synthématique (structure des sémantèmes)*. Tome Ia: *partie synchronique*. Ib: *partie diachronique*. Louvain, 1973, Peeters.
- YVCICHL, W.: Aigyptiaka. Beiträge zur vergleichenden Hamito-Semitistik // *Wiener Zeitschrift für die Kunde des Morgenlandes* 40 (1933), 171–180.
- YVCICHL, W.: *La vocalisation de la langue égyptienne*. Tome I<sup>er</sup>. *La phonétique*. Le Caire, 1990, Institut Français d'Archéologie Orientale.
- YVCICHL, W. (ed. by D. IBRISZIMOW and M. KOSSMANN): *Berberstudien & A Sketch of Siwi Berber (Egypt)*. Köln, 2005, Köppe Verlag.
- WARD, W. A.: *Index of Egyptian Administrative and Religious Titles of the Middle Kingdom. With Glossary of the Words and Phrases Used*. Beirut, 1982, American University of Beirut.
- WARD, W. A.: *Essai on Feminine Titles of the Middle Kingdom and Related Subjects*. Beirut, 1986, American University of Beirut.
- Wb = ERMAN, A. & GRAPOW, H.: *Wörterbuch der ägyptischen Sprache*. I–V.<sup>2</sup> Berlin, 1957–1971, Akademie-Verlag.
- WD = LAPP, G. & LÜSCHER, B.: *Wortdiskussionen. Provisorische Ausgabe*. Band I–III. (Place not indicated), 2002–03, (no publisher).
- WEDEKIND, K.: Gimo-Jan or Ben-Yem-Om: Benč-Yemsa Phonemes, Tones, and Words // HAYWARD, R. (ed.): *Omotic Language Studies*. London, 1990, SOAS. Pp. 68–141.
- WESTENDORF, W.: *Grammatik der medizinischen Texte*. Berlin, 1962, Akademie-Verlag.
- WESTENDORF, W.: Zur Entstehung übertragener und abstrakter Begriffe // *GM* 6 (1973), 135–144.
- WESTENDORF, W.: Zur Etymologie des Namens Osiris: \*w3s.t-jr.t "die das Auge trägt" // OSING, J. & DREYER, G. (Hrsg.): *Form und Mass. Beiträge zur Literatur, Sprache und Kunst der alten Ägyptern. Festschrift für Gerhard Fecht zum 65. Geburtstag am 6. Februar 1987*. Wiesbaden, 1987, Otto Harrassowitz. Pp. 456–461.

- WHITELEY, W. H.: The Verbal Radical in Iraqw // *African Language Studies* 1 (1960), 79–95.
- WMT = DEINES, H. VON & WESTENDORF, W.: *Wörterbuch der medizinischen Texte*. I–II. Berlin, 1961–2, Akademie-Verlag.
- WRESZINSKI, W.: Bäckerei // ZÄS 61 (1926), 1–15.
- WUS = AISTLEITNER, J.: *Wörterbuch der ugaritischen Sprache*. Berichte über die Verhandlungen der Sächsischen Akademie der Wissenschaften zu Leipzig. Phil.-hist. Klasse 106/3 (1963).
- ŽABA, Z.: *Les maximes de Ptahhotep*. Prague, 1956, Académie Tchécoslovaque des Sciences.
- ZÄS = *Zeitschrift für Ägyptische Sprache und Altertumskunde* (Leipzig).
- ZDMG = *Zeitschrift der Deutschen Morgenländischen Gesellschaft* (Wiesbaden).

Статья представляет собой очередную серию новых афразийских этимологий, собранных и обработанных автором на протяжении последнего десятилетия в ходе работы над этимологическим словарем египетского языка. Данная публикация (этимологии 919–988) посвящена афразийским корням, начинающимся с дентального носового \*n- и имеющим в качестве второго корневого согласного сибилянт.

*Ключевые слова:* афразийские языки, египетский язык, историческая фонетика, языковая реконструкция.

