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Aylif n Uselmed Unnig d Unadi Ussnan
Tasdawit Abderrahmane Mira n Bgayet



Tamezdeyt n Tsekliwin d Tutlayin
Tasga n Tutlayt d Yidles n Tmaziyt

Tazrawt n Master

Tayult : Tutlayt d Yidles n Tmaziyt

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Tuzzigt : Tutlayt, Asmeskel d Usmagnu

Asentel

Asebded n uwfus n tseftit n yimyagen iherfiyen
yellan deg «Textes berbères de l'Aurès » (Basset, 1961)

Syur tanelmadt:

- DJALALI Badiaa

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Asnemmer Asnemmer

Tanmirt tameqqrant i Mass MEHDI Nacer

I yellan i lmendad n tezrawt-a seg tazwara almi d taggara.

Tanmirt i yiselmaden n tutlayt d yidles n tmaziyt.

I wid i d-yefkan afus n lmɛawna.

Abuddu Abuddu

Ad buddey tazrawt-a i:

- *Yemma d baba ezizen felli aṭas.*
- *I gma Hillal d yessetma Nassima d Xamsa d irgazen-nsent, d warraw-nsent.*
 - *Argaz-iw Mustapha i yellan yer tama-w, d tawacult-iw tis snat yemma Latifa d baba Malek.*
 - *Ur tettuy ara timduk-al-iw akken ma llant.*
- *Tajmilt tameqrant i yinelmaden i iqedcen yef tmaziyt, i kra n win yefkan asurif i tutlayt n lejdud iwekken ad teddu yer sdat, i kra n win yemmuten iwekken ad teḥyu tmaziyt.*

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Tafelwit n yizwal

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Isegzal:

R1: Targalt tamezwarut

RR: Targalt yesden

TM: Tamawt

uṭ: Tazmilt uṭṭun

---»: Yettuyal

= : Amtawi

≠ : Amgired

Tazwart tamatut

Tazwert tamatut

Tazrawt-a i yesɛan azwel « *Asebded n uwfus n tseftit n yemyagen iherfiyen yellan deg «Textes berbères de l'Aurès» (Basset, 1961)* », terza tayult n tesnilest, annar n tesnalya.

Tasnalya d yiwen uswir seg yeswiren n tutlayt, d tusna i izerwen abeddel n talya n wawalen. Yer Martinet (1985), tasnalya d tussna i d-yettaken tarrayin n lebni n wawalen, d tazrawt n talyiwin n wawalen yellan deg tutlayt.

Iswi amatu n leqdic-a d asisen n talyiwin n usefti n umyag aherfi n tantala tacawit akked usali n uwfus n tseftit-is.

Tixutert n tezrawt-a i tmaziyt s umata, d tikci n wallalen n uselmed n tutlayt, akked usnerni n tjerrumt, am wakken i yezmer ad yilli d afus deg usebded n tjerrumt tamatut ara yezdin asefti n yimyagen n tantaliwin n tmaziyt.

Gar leqdicat yemmugen yakan yef usentel-a :

- Tazrawt n tagara n turagt ADUC, D. (2011), *Asismel n talyiwin n wurmir ussid deg usegzawal n J.M.Dallet*
- Tazrawt n turagt AIDOU, S. BOUKHIBA, D. & BOUAMARA, F. (2011), *Asismel n yimyagen isuddimen asswayen asegzawal J.M.Dallet (1982)*
- Tazrawt n taggara n turagt BEHAIRI, D., ATMAOUI, S. (2006), *Amesyal n uselmed n tseftit deg teqbaylit (Imyagen iherfiyen)*

Leqdic-a yebda yef kraḍ n yiḥfawen:

Iyef amezwaru, d Iferdisen n tesnarayt, deg-s yella ussisen n udlis n André Basset anda i d-nekkes ammud i tesleḍt, yer-s yalla-d wawal yef umeskar akked uwfus n tseftit, yer taggara nmeslay-d yef tarrayt i neḍfer deg tesleḍt n wammud d usismel-is.

Iyef wis sin, d iyef n tezri, deg-s nsegza-d kra inaktiyen i yesɛan assay yer tjerrumt, ney s wawal-naḍen, assay usrid yer tezrawt-a.

Iyef wis kraḍ, iyef n tesleḍt, deg-s ad naf ummuy n tfelwiyin timsegziyin n yal amyag i yesɛan taseftit yemxalafen yef wayeḍ. Taseftit d takemmalit, yer wudmawen akked tmezra.

I-Iferdisen n tesnarrayt

I- Iferdisen n tesnarrayt

1-Asisen n udlis «Textes berbères de l'Aurès»

Adlis-a «*Textes berbères de l'Aurès*», yura-t **André Basset**, yeffey-d deg useggas 1961, tazrigt Librairie d'Amérique et d'Orient, Adrien- Maisonneuve, Paris.

Deg udlis-a llan 349 isebtar, tella tezwert, syin akkin ad d-ɛfren **(90)** yeɛrisen n tcawit i d -yettmeslayen yef wansayen d tudert n icawiyen, din anda i d-ksey imyagen i yef ibedd leqdic-a. deg yeɛrisen i yura **Basset**, yal anda yella kra n wemyag, ad as-d-yefk talyiwin-is ney taseftit-is deg tezmilin tineddiyin, dya syina id-neddem talyiwin i d-yellan deg ussismel. Yer-sen terna-d tsuqqilt n yeɛrisen-nni akken ma llan s tutlayt n tefransist.

2-Asisen n umeskar «André Basset »

André Basset ilul deg useggas 1895, imut deg 1956. Ittuneḥsab d ababat n tesnilest tamaziyt tatrart. Iselmed deg Taribat (Rabat), syin akkin deg uyerbaz ayselaw n tutlayin tigmadanin (timuddirin), seg 1941 almi d 1956 yexdem leqdicat n **Charles de Foucauld**.

Gar yedlisen-is ad d-naf:

- La langue berbère -morphologie- étude de thème. Préface de Lionel Galand de Larbi Rabdi.
- Quatre études de linguistique berbère (1940)

3- Asisen n uwfus n tseftit:

Awfus n tseftit: d adlis asnal mudan, yeskan-d ilugan n tseftit n yemyagen deg kra n tutlayt.

S umata, deg talya-s yesɛa:

- **Ilugan imatuyen n tseftit:** ayen yettbeddilen deg tseftit n yemyagen.
- **Tifelwiyin n tseftit:** d tifelwiyin timsegziyin i talya n tseftit n yal amyag.
- **Ummuy n yemyagen:** d ummuy ney d agraw n yimyagen yettwasisemlen ilmend n ugemmay, ttuyalen ney qnen yer tfelwiyin n tseftit.

Awfus n tseftit yessishil almud n tseftit n yemyagen, am wakken i yettak afus n tallelt i ulmad n talyiwin yeytan n tira akked tseftit-n sen.

4- Asisen n tarrayt n tesleđt d ussismel

Seld tuksa n yemyagen i yellan deg udlis-a, nefren-d imyagen iherfiyen, wid yettwafranen i tikelt-nniđen ilmend n wuṭṭun n yifeggagen-nsen, syin nsasmel-iten deg tfelwiyyin ilmend n tseftit-nsen.

Ad d-tas tesleđt s tfelwiyyin i deg ara tili tseftit n yal amyag ara d-nefren iwakken ad d-nefk s-yes udem n taggayt-is. Taseftit ara nexdem ad terr azal i umḍan n yifeggagen akked ubeddel yellan deg uskim-is.

Yal tafelwit ad tesɛu uṭṭun, syin taggara, yal kra n umyag ilan taseftit am tin n umyag yellan deg tfelwit tameskant, s wawal-nniđen tafelwit-nni i d-yellan d amedya n usefti n taggayt-nni n imyagen, ad as-nessels uṭṭun n tfelwit-nni.

II-Iyef n tezri: Amyag d tseftit-is

II-1 Ajurrem n tutlayt

Iwakken ad tebded tutlayt ad telhu, asebded n usegzawal amatu n tutlayt akked uwefus n tseftit akked tjerrumt s umata d asurif amenzu i d-yewwi ad yili.

Ajurrem: d akala (abrid) yettawin yer uqlam d usebded n tutlayt s wudem n sin n yiqeddacen, i mazal ar assa d lsas n tumusni-nney yef tutlayt: tajerrumt d usegzawal.

II-1-1 Asegzawal aynutlay

Asegzawal aynutlay, d tasekka n yisegzawalen i d-yemmalen yiwet n tutlayt, s wawal-nniḍen, tutlayt n tyessa n tewwura d tina i d tutlayt n tyessa n yisallen. Ma yella d asegzawal agtutlay, d win yemmugen s wugar n yiwet n tutlayt, tikecmin s tutlayt taybalut d tikci n yimegdazalen-is s tutlayt-nniḍen.

Amgired yellan gar snat n tsekkiwin-a n yisegzawalen, d akken asegzawal aynutlay yemmug s yiwet n tutlayt, am wakken deg-s ad d-naf yettak-d tibatutin n wawalen, maca asegzawal agtutlay, d win i d-yellan s snat ney ugar n tutlayin, dayen d win i d-yettaken igdazalen n wawalen.

Di tmaziyt, ur ead nessawed yer tsekka-a n yisegzawalen acku d ixeddim meqqren s wazal-is, iwakken ad d-yili yewwi-d ad d-igmer merra tantaliwin n tutlayt-a, maca llan atas n yisegzawalen i yemmugen ladiya yef teqbaylit llan kra d igtututlayen am wakken yella usegzawal aynutlay Issin wis sin (2017) n Kamel BOUAMARA, ma deg tcawit ad d-naf asegzawal n P.G HUYGHE, 1906 agtutlay (Tacawit - taerabt - taqbaylit - tafransist), azal n 354 n yisebtar, yesled atas n wawalen, yemmug i yiserdasen akken ad issinen tameslayt n yicawiyen

II-1-2 Tajerrumt

Deg tmaziyt, llan atas n leqdicat i yerzan tajerrumt, maca s tutlayin-nniḍen am tefransist. Tajerrumt tamenzut i yemmugen s tmaziyt d tajerrumt n Mouloud Mammeri deg useggas n 1976, d netta i d amenzu i yessersen adda i tutlayt tamaziyt, yefka-as asurif ameqqran iwekken ad tbed yef lsas isehhan.

Yemmeslay-d deg-s yef ugemmay i d-yessumer i tira akked d yiluggan-is, arnu yer-s ayen icudden yer temsislit d tjerrumt.

Ma yella d awfus n tseftit, yella win n Kamel Nait-Zerrad tantala taqbaylit «Manuel de conjugaison Kabyle», yeffey-d deg useggas 1995, maca d asinutlay yessemres deg-s uma d tafransist. Tazwara n udlis-a d tajerrumt n umyag, syin yexdem tifelwiyyin n tseftit, yefka-d deg-s 176 n tseftiyyin yemxalafen n yimyagen

II-1-2-1 Amyag

Amyag d tayunt gar tayunin tigejdanin n umawal, nezmer ad t-id-nesbadu ilmend n **Chaker**, d akken amyag deg tmaziyt d tamlaqit n gar uẓar amawalan yebnan yef tergalin, akked tecreḍt n tmezri (askim) akked yimataren udmawanen.

Yenna-d **Yahiaoui M.** (2023, 68) ilmend n wakken yella yer **Dubois J.**: «Amyag d awal i d-yemmalen tigit ney tigawt i iga usentel ... ney iyef tedra ... ney tilin n usentel... ney tayara ney aecddi seg tyara yer tayed ney day assay gar uttwefk d usentel. »¹

Yur **Nait-zerrad k.** (1995:15): «Amyag deg tmaziyt yetwasefta ilmend n tewsit, amḍan akked wudem. S umata tettli talya n umyag s wudem-a: talya n umyag = afeggag + ticraḍ timazzayin. Yettwasiley ufeggag s uẓar (d targalt ney tirgalin i yellan anamek) akked uskim (s umata, d tiyra i d-yemmalen akud ney tmezri n umyag) ».²

Ma nuyal yer talyiwin n umyag, yur **Basset A.** (2013: 22) deg wayen icudden yer talya n umyag, yessemgared amyag deg snat temsal «Amyag yesɛa talya taḥerfit d talya tasuddimt»³

II-1-2-2 Amyag aḥerfi

Amyag aḥerfi d talya tamezwarut i d-nettaf mi ara s-nernu askim akked umatar udmawan i tergalin tifeggaganin ney i wayen i neqqar aẓar.

Yer **Yahiaoui M.** (2023, 69): «Amyag aḥerfi d talya tamezwarut i d-yettalyen mi ara s-nernu i tergalin tifeggaganin (aẓar) askim akked umatar udmawan, deg tjerrumt ifetti almend n wudem akked tmezri. »

¹ En grammaire traditionnelle, le verbe est un mot qui exprime le procès, c'est-à-dire l'action que le sujet fait... ou l'existence du sujet ... ou son état ou son passage d'un état à l'autre, ou encore la relation entre l'attribut et le sujet.

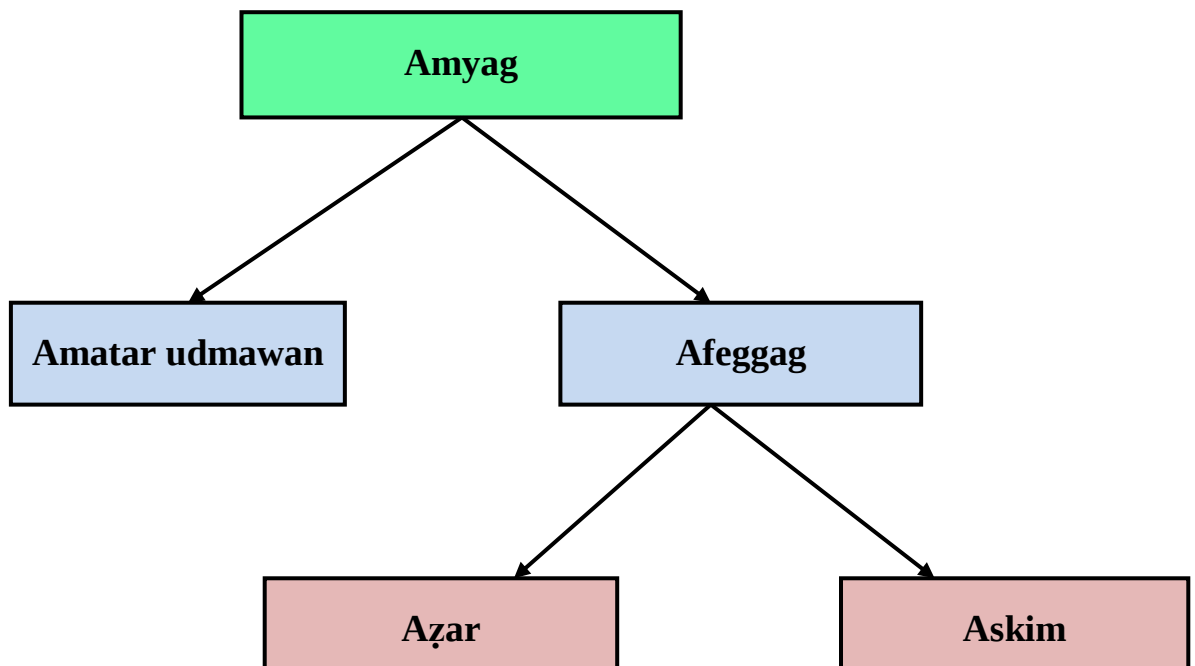
² Le verbe berbère se conjugue en genre, nombre et personne. Une forme verbale peut se décomposer de la manière suivante: forme verbale = radical (ou thème) + affixe(s). Le radical lui-même est formé d'une racine (comportant une ou plusieurs consonnes et porteuse de sens) et d'un schème (en général, voyelles qui indiquent le temps ou l'aspect du verbe)

³ Le verbe comprend une forme simple et une forme dérivée

II-1-2-2-1 Ticrađ tigejdanin n umyag

D ticrađ i d-yeskanen amyag, yewwi-d fell-asent ad ilint, ma ulac-itent ur yezmir ad yili umyag, mmalent-d win ixedmen tigawt (amatar udmawan) d melmi i tedra tigawt-a (afeggag).

Almend n **Chaker**, amyag n tmaziyt yettili-d s zeddi n uđar amawalan yedsen s tergalin d teyra i d-yettaken ayen i wumi neqqar afeggag, akked imataren udmawanen.



II-1-2-2-1-a Afeggag

Afeggag deg umyag n tmaziyt d amur agejdan seg umyag, d agemmud i d-yekkan seg usuddes n uđar s teyra akked tergalin; tirgalin-nni d ayen i wumi neqqar ađar, ma d tiyra-nni nessawal-asent askim ney ticrađ n tmezri.

Ilmend n **ugraw IYM** (2020, 26): « Amyag d awal i ifettin ilmend n wudem d tmezri. Deg talya, amyag yeftin deg-s sin n yimuren: amatar udmawan d ufeggag (Frant, deg-s -nt, d amatar udmawan, fra-, d afeggag). »

- **Azar:**

D tagruma n tergalin tifeggaganin tinasliyin, i yezdin kra n twacult tamawalant ney ugar.

Ilmend n **DUBOIS (J.) d wiyaq**, (1999:395): «Azar d aferdis n wadda, ur nqebbel ara bettu, yezdi akk awalen n yiwet n tutlayt, ney n twacult tamawalant n kra n tutlayt seg tutlayin. »⁴

Akken i d-yebder dayen **BASSET (A.)**, (2013:21): «d asigrew uzzig n tergalin, i d-ibennun afeggag, win yettawin anamek n wawal. »⁵

- **Askim:**

Askim d aferdis asnalyan i d-yemmalen timezri n umyag. Ilmend n **ugraw IYM** (2020, 33): « askim d amur yettbeddilen deg talya n kra n tayunt n umawal mi ibeddel wattal n useqdec-is. Deg taggayt n umawal, askim, d agraw n yimeslicen i yettarran kra n uzar d amyag ney d isem. Yettbeddil uskim deg umyag d yisem iwekken ad d-yeslal deg-sen talyiwin-nniḍen: almend n tmezri, deg umyag; almend n tewsit, addad d umḍan deg yisem. Yezmer uskim ad yebnu s yimeslicen i wimi neqqar tiyra kan, yezmer dayen ad yebnu s teyra akked tergalin: askim n ufeggag -*ttyima-* d *tt-i-a*, askim n ufeggag -*qqim-* d *--i-* ; askim n yisem *iyimi* d *i-i-i*, askim n yisem *tiyimit* d *ti-i-it*. »

Yur **Yahiaoui M.** (2023: 63): « Askim i d-yemmalen timezri n umyag ayen ara ay-yawin yer ufeggag n yizri (*yura: ura*), afeggag n wurmir (*yarur: aru*), afeggag n wurmir ussid (*yettaru: ettaru*). Deg tmezri yer tayed afeggag yettbeddil talya. »

II-1-2-2-1-b Tafelwit n wudmawen n tcawit

➤ **Amatar udmawan**

Amatar udmawan d ticreḍt tagejdant i yettilin deg umyag, yemmal-d udem n win yef tettuyal tigawt ney tayara, yetteqqen srid yer umyag.

⁴ On appelle racine l'élément de base, irréductible, commun à tous les représentants d'une langue ou d'une famille de mot à l'intérieure d'une des langues.

⁵ Un groupement exclusif de consonnes constituent le radical et, partant, l'armature sémantique du mot.

Yenna-d **Bendali S.** (2007:39): «amatar udmawan d isekkilen i d-irennun di tseftit, di tazwara d taggara n umyag, yemmal-d anwa udem wiyer yefti umyag md: yufeg Y: netta, 3 sf.m. ».

Tafelwit:

	Asuf		Asget	
	Amqim	Amatar	Amqim	Amatar
Udem 01	Nečč	—y	Neččni	n —
			Neččenti	n —
Udem 02	Cekk	t — d	Kenwi	t — m
	Cemm	t — d	Kennemti	t — mt
Udem 03	Netta	Y —	Nehni	— n
	Nettat	T —	Nehhenti	— nt

TM: Udmawen n tcawit mxalafen yef wid n teqbaylit, ma yella d imataren udmawanen ur mxalafen ara atas, ala deg udem wis sin asuf amalay (kecc) d asuf unti (kemm), deg tqbaylit amatar udmawan-n sen d **t — d**, deg tcawit yettuyal **t — d**. Deg wayen yerzan talya-n sen, ad d-naf llant merra talyiwin am wakken n teqbaylit: tinezdatin (**y —**), tindefirin (**— n**), akked talyiwin tugzimin (**t — d**).

II-1-2-2-2 Timezra n umyag

Amyag deg tmaziyt yebna yef tmezra maci yef wakud am tutlayin-nniđen. Ad d-naf ukkuḥ n tmezra, mgaradent deg talya d unamek:

II-1-2-2-2-1 Izri: d yiwet tmezri i d-yemmalen d akken tigawt n umyag tædda, tekfa.

II-1-2-2-2-2 Izri ibaw: d timezri yettcabin yer tin n yezri, maca tigawt deg-s ur teḍri ara.

II-1-2-2-2-3 Urmir: d timezri anda tigawt deg-s ur εad tebdi, mazal ur d-teḍri, tezmer ad d-tedru yer sdat, am wakken yezmer ur d-tettili ara.

II-1-2-2-2-4 Urmir ussid: d timezri, temmal-d ayen i yebdan maca mazal yettkemmil, d tigawt yezzifen ur nemmid ara.

II-1-2-2-2-5 Anaḍ: d talya tuzzigt, ur tqebbel ara taseftit yer wudmawen akken ma llan, anagar deg wudem wis sin, win i wumi nettmeslay.

Anaḍ yemmal-d asendeh ney awessi, yesεa snat n talyiwin: anaḍ aḥerfi i d-yussan seg wurmir, akked wanaḍ ussid i d-yekkan seg wurmir ussid.

II-1-2-2-2-6 Amayun: d yiwet n talya ur nqebbel ara taseftit ilmend n wudmawen, d talya tarudmawant n umyag, ur yettbeddil ara ilmend n tewsit akked umḍan, maca yettbeddil ilmend n tmezri, danecta i d-yefkan lemgirda gar umayun n yizri, izri ibaw, urmir d win n wurmir ussid.

TM: Amayun deg tcawit ur yemgarad ara yef umayun deg teqbaylit.

II-1-2-2-3 Amḍan n yifeggagen

Amyag di teqbaylit akked tcawit yebna yef tmezri, maci yef wakud. Yef waya ad d-naf ukkuḥ n tmezra: izri, izri ibaw, urmir akked wurmir ussid.

Imyagen i d-nekkas bḍan ilmend n umḍan n yisental (ifeggagen), i d-yellan ilmend n tmezri.

II-1-2-2-3-1 Imyagen i yesεan yiwen n ufeggag:

Taggayt-a ulac deg-s atas n yimyagen, acku afeggag-nsen d yiwen ur yettbeddil ara talya deg tmezri yer tayed: ad d-naf: Tsal ----- sb 128 -- uṭ 7

Izri = izri ibaw = urmir = urmir ussid
Tsal

II-1-2-2-3-2 Imyagen i yesɛan sin n yifeggagen

Deg taggayt-a, ad d-nefreɛ aṭas n yemyagen seɛn yiwet n talya n tseftit deg izri, izri ibaw akked wurmir, ma yella d urmir ussid d talya-nniɛen.

Ad d-naf: Bedd ----- sb 33 -- uṭ 3

Izri = izri ibaw = urmir	Urmir ussid
Bedd	Ttbedda

II-1-2-2-3-3 Imyagen i yesɛan kraḍ n yifeggagen

Imyagen-a bɔan yef kraḍ:

1- senf-a deg-s izri d wurmir s yiwet n talya, ma d talya n yizri ibaw d wurmir ussid mxalafent:

MD: Llem ---- sb 10 -- uṭ 10

Izri = urmir	Izri ibaw	Urmir ussid
llem	llim	ttellem

2 - Deg senf-a, izri d yizri ibaw seɛn yiwet n talya, ma d urmir akked wurmir ussid seɛn talyiwin yemgaraden:

MD: Ajer --- sb 306 -- uṭ 44

Izri = Izri ibaw	Urmir	Urmir ussid
ujer	ajer	ttajer

3 - Di senf-a talya n izri ibaw d wurmir d yiwet, ma d izri akked wurmir ussid mxalafen:

MD: ḍugger --- sb 107 -- uṭ 10

Izri ibaw = urmir	Izri	Urmir ussid
ḍugger	ḍuggur	ttḍuggar

II-1-2-2-3-4 Imyagen i yesεan ukuz n yifeggagen

Deg taggayt-a ad d-naf atas n yemyagen, mxalafen ifeggagen-n sen deg tmezra akken ma llant:

MD: Agem: sb 3 --- uṭ 6

Izri	Izri ibaw	Urmir	Urmir ussid
ugem	ugim	agem	ttagem

II-1-2-2-4 Allalen n tseftit n umyag

Deg teqbaylit, abeddel i d-yettilin deg udem n tseftit yef ufeggag n umyag seg tmezri yer tayed, yettili-d s kra n wallalen ney n ubeddel:

- Timlellit n teyri:

A): timlellit n yiwet n teyri:

MD: Amyag « ssuref » sb 102 -- uṭ 17:

Izri + izri ibaw: ssuref
 Urmir + urmir ussid: ssurif

} e ----» i

B): timlellit n snat n teyra:

MD: Amyag « Ssiwel » sb 139 -- uṭ 7

Izri + izri ibaw: ssiwel
 Urmir + urmir ussid: ssawal

} i ---» a ; e---» a

- Tusda n tergalt:

MD: Amyag « Bri » sb 7 -- uṭ 50:

Izri + izri ibaw: bri
 Urmir + urmir ussid: berri

} R2----» RR2

- **Tusda n tergalt akked temlellit n teyri:**

MD: Amyag « Dafs » sb 141 -- uṭ 6:

Izri + izri ibaw: dafs	}	a---»e + f---»ff
Urmir + urmir ussid: deffes		

- **Tusda n tergalt akked tmerna:**

MD: Amyag « Uḍu » sb 22 -- uṭ 16:

Izri + izri ibaw: uḍu	}	«g» + ḍ---»ḍḍ
Urmir + urmir ussid: geḍḍu		

- **Timerna n tecreḍt « tt » yer tazwara:**

MD: Amyag « Irid » sb 3 -- uṭ 15:

Izri + izri ibaw: irid	}	+ tt yer tazwara
Urmir + urmir ussid: ttirid		

- **Timerna n tecreḍt yer taggara:**

Md: Amyag « ssuḍḍ » sb 4 -- uṭ 17:

Izri + izri ibaw: ssuḍḍ	}	+a yer taggara
Urmir + urmir ussid: ssuḍḍa		

- **Timerna n tecreḍt yer tazwara akked taggara:**

MD: Amyag « Bedd » sb 33 -- uṭ 3:

Izri + izri ibaw: bedd	}	«tt» yer tazwara + «a» yer taggara
Urmir + urmir ussid: ttbedda		

- **Timerna yer tazwara akked uyelluy n tergalt:**

MD: Amyag « Ddfa » sb 292 -- uţ 28:

Izri + izri ibaw: ddfa	}	«tt» yer tazwara + dd ---»d
Urmir + urmir ussid: ttedfa		

- **Timerna yer tazwara, ayelluy n tergalt akked temlellit n teyri:**

MD: Amyag « Ggiwen » sb 275 -- uţ 138:

Izri + izri ibaw: ggiwen	}	«tt» yer tazwara + gg---»g + i---»a ; e---»a
Urmir + urmir ussid: ttegawan		

- **Timlellit n teyri akked timerna n tecređt:**

MD: Amyag « Eebber » sb 15 -- uţ 1

Izri + izri ibaw: eebber	}	(+tt) + e---»a
Urmir + urmir ussid: tteebbar		

- **Timerna yer tazwara d taggara akked uyelluy n tergalt:**

MD: Amyag « Ddehem » sb 57 -- uţ 4:

Izri + izri ibaw: ddehem	}	«tt» yer tazwara+ dd ---»d + «a» yer taggara
Urmir + urmir ussid: tedehma		

- **Timerna n tecređt yer tazwara d taggara, ayelluy n tergalt akked temlellit n teyra:**

MD: Amyag « Ggisi » sb 33 -- uţ 18 :

Izri + izri ibaw : ggisi	}	«tt» yer tazwara + Gg ---»g + i---»a + «y»
Urmir + urmir ussid: ttgisay		

- **Timerna n tecređt yer tazwara, tuyalin yer tergalt n uzar akked temlellit n teyri:**

MD: Amyag « Kker » sb 15 -- uť 4:

Izri + izri ibaw: kker/ kkir	}	«tt» yer tazwara + k---»n + e---»a
Urmir + urmir ussid: ttenkar		

- **Aneqlab n tergalin akked temlellit n teyri:**

MD: Amyag « Ntqel » sb 273 -- uť 49:

Izri + izri ibaw: ntqel	}	nt ---» tn + e---»a
Urmir + urmir ussid: tnqal		

- **Ayelluy n tergalt akked temlellit n teyri:**

MD: Amyag « Sseggiwen » sb 326 -- uť 30:

Izri + izri ibaw: sseggiwen	}	gg---»g + i---»a
Urmir + urmir ussid: ssegawan		

II-1-2-2-5 Assisen n tfelwiyin n tseftit

TM: Deg usismel n yemyagen, neɖfer udem amenzu asuf «Nekk», acku deg wuddem wis kraɖ (3) asuf amalay «Netta», yettili umgired deg yizri, dayen i d-igellun s umgired n wuɛtun n yifeggagen.

1- Tafelwit tamezwarut (Zr. tafelwit I)

D tafelwit timsegzit n tseftit n yemyagen i yesɛan yiwen n ufeggag.

Urmir, izri, izri ibaw akked wurmir ussid s yiwet n talya.

Tafelwit I

Amyag	
Anaɖ + anaɖ ussid	
Urmir + izri + izri ibaw + urmir ussid	
Amayun	
Amayun ilaw	Amayun ibaw
Urmir + izri Urmir ussid	Izri Urmir ussid

2-Tafelwit tis snat (Zr. tafelwit II)

D tafelwit timsegit n tseftit n yemyagen i yesean sin n yifeggagen:

Urmir, izri akked yizri ibaw s yiwet n talya, urmir ussid s talya iman-is.

Tafelwit II

Amyag	
Anađ	
N wurmir	N wurmir ussid
Urmir + izri + izri ibaw	urmir ussid
Amayun	
Amayun ilaw	Amayun ibaw
Urmir + izri Urmir ussid	Izri Urmir ussid

3- Tafelwit tis kraḍ (Zr tafelwit III)

Deg tfelwit-a timsegzit, ad d-nesken taseftit n yimyagen i yesɛan kraḍ n yifeggagen.

Tafelwit-a tagejdant (Zr tafelwit III) tebḍa yef kraḍ:

Tafelwit III-1

Urmir d yezri s talya, izri ibaw s talya nniden, d wurmir ussid s talya iman-is.

Amyag		
Anaḍ		
N wurmir	N wurmir ussid	
Urmir + izri	izri ibaw	urmir ussid
Amayun		
Amayun ilaw	Amayun ibaw	
Urmir + izri Urmir ussid	Izri Urmir ussid	

Tafelwit III-2

Izri d yezri ibaw s talya, urmir s talya nniden, d wurmir ussid s talya iman-is.

Amyag		
Anaɗ		
N wurmir		N wurmir ussid
Urmir	izri ibaw + izri	urmir ussid
Amayun		
Amayun ilaw		Amayun ibaw
Urmir + izri Urmir ussid		Izri Urmir ussid

Tafelwit III-3

Izri ibaw d Urmir s talya, izri s talya nniḍen, urmir ussid s talya iman-is.

Amyag		
Anaḍ		
N wurmir		N wurmir ussid
izri ibaw + Urmir	izri	urmir ussid
Amayun		
Amayun ilaw		Amayun ibaw
Urmir + izri Urmir ussid		Izri Urmir ussid

4- Tafelwit tis kraḍ (Zr tafelwit III-4)

Deg tfelwit-a timseǧzit, ad d-nesken taseftit n yimyagen i yesean ukkuḍ n yifeggagen.

Tafelwit III-4

Deg ukkuḍ n tmezra d yiwet n talya

Amyag			
Anaḍ			
N wurmir		N wurmir ussid	
Urmir +	izri	izri ibaw	urmir ussid
Amayun			
Amayun ilaw		Amayun ibaw	
Urmir + izri Urmir ussid		Izri Urmir ussid	

III-Iyef n tesleđt: asismel d talya n tseftit

III- Iyef n tesleḍt

III-1 Imyagen yesɛan yiwen n ufeggag

Tafelwit III-1-1:

Amyag « Tsal »	
Anaḍ + anaḍ ussid	
Tsal Tsalem/t Tsalemt	
Urmir + izri + izri ibaw + urmir ussid	
Tsaley Tetsaled Itsal Tetsal Netsal Tetsalem Tetsalemt Tsalen Tsalent	
Amayun	
Amayun ilaw	Amayun ibaw
Urmir + izri : itsalen Urmir ussid : itsalen	Izri : ntsal Urmir ussid : netsal

III-2 Imyagen yesɛan sin n yifeggagen

Urmir = izri = izri ibaw $\neq$ urmir ussid

Tafelwit III-2-1:

- Timerna n «a» yer taggara

Amyag « ssuḍḍ »	
Anaḍ	
N wurmir	N wurmir ussid
Ssuḍḍ	Ssuḍḍa
Ssuḍḍem/t	Ssuḍḍam
Ssuḍḍemt	Ssuḍḍamt
Urmir + izri + izri ibaw	urmir ussid
Ssuḍḍey	Ssuḍḍay
Tssuḍḍed	Tssuḍḍad
Issuḍḍ	Issuḍḍa
Tssuḍḍ	Tssuḍḍa
Nessuḍḍ	Nessuḍḍa
Tssuḍḍem	Tssuḍḍam
Tessuḍḍemt	Ssuḍḍamt
Ssuḍḍen	Ssuḍḍan
Ssuḍḍent	Ssuḍḍant
Amayun	
Amayun ilaw	Amayun ibaw
Urmir + izri : Issuḍḍen	Izri : Nessuḍḍa
Urmir ussid : Issuḍḍan	Urmir ussid : Nessuḍḍa

Tafelwit III-2-2:

- Timlellit n teyri u ---» a + timerna n « w »

Amyag « Ssignu »	
Anaḍ	
N wurmir	N wurmir ussid
Ssignu Ssignum/t Ssignumt	Ssignaw Ssignawem Ssignawemt
Urmir + izri + izri ibaw	urmir ussid
Ssignuy Tessignud Issignu Tessignu Nessignu Tessignum Tessignumt Ssignun Ssignunt	Ssignawey Tessignawed Issignaw Tessignaw Nessignaw Tessignawem Tessignawemt Ssignawen Ssignawent
Amayun	
Amayun ilaw	Amayun ibaw
Urmir + izri : yessigmun Urmir ussid : yessignawen	Izri : nessignu Urmir ussid : nessignaw

Tafelwit III-2-3:

- Timlellit n teyri e ---» u

Amyag « Ssuref »	
Anaḍ	
N wurmir	N wurmir ussid
Ssuref Ssurfem/t Ssurfemt	Ssurif Ssurifem Ssurifemt
Urmir + izri + izri ibaw	urmir ussid
Ssurfey Tessurfed Yessuref Tessuref Nessuref Tessurfem Tessurfemt Ssurfen Ssurfent	Ssurifey Tessurifed Yessurif Tessurif Nessurif Tessurifem Tessurifemt Ssurifen Ssurifent
Amayun	
Amayun ilaw	Amayun ibaw
Urmir + izri : yessurfen Urmir ussid : yessurifen	Izri : nessuref Urmir ussid : nessurif

Tafelwit III-2-4:

- Timlellit n teyri e ---» a

Amyag « Sseyed »	
Anaḍ	
N wurmir	N wurmir ussid
Sseyed Sseyedem/t Sseyedemt	Sseyad Sseyadem Sseyademt
Urmir + izri + izri ibaw	urmir ussid
Sseyedey Tesseyeded Isseyed Tsseyed Nesseyed Tesseyedem Tessuddemt Sseyeden Sseyedent	Sseyadey Tesseyaded Isseyad Tesseyad Nesseyad Tesseyadem Tesseyademt Sseyaden Sseyadent
Amayun	
Amayun ilaw	Amayun ibaw
Urmir + izri : isseyden Urmir ussid : isseyaden	Izri : Nesseyed Urmir ussid : Nesseyad

Tafelwit III-2-5:

- Timlellit n teyri e---» u

Amyag « Reqreq »	
Anaḍ	
N wurmir	N wurmir ussid
Reqreq Reqreqem/t Reqreqemt	Reqrūq Reqrūqem Reqrūqemt
Urmir + izri + izri ibaw	urmir ussid
Reqreqey Tereqreqed Yereqreq Tereqreq Nereqreq Tereqreqem Tereqreqemt Reqreqen Reqreqent	Reqrūq Tereqrūqed Yereqrūq Tereqrūq Nereqrūq Tereqrūqem Tereqrūqemt Reqrūqen Reqrūqent
Amayun	
Amayun ilaw	Amayun ibaw
Urmir + izri : yereqreqen Urmir ussid : yereqrūqen	Izri : nereqreq Urmir ussid : nereqrūq

Tafelwit III-2-6:

- Timlellit n snat n teyra i---»a + e---»a

Amyag « Ssiwel »	
Anaḍ	
N wurmir	N wurmir ussid
Ssiwel	Ssawal
Ssiwelem/t	Ssawalem
Ssiwelemt	Ssawalemt
Urmir + izri + izri ibaw	urmir ussid
Ssiweley	Ssawal
Tessiwled	Tessawaled
Yessiwel	Yessawal
Tessiwel	Tessawal
Nessiwel	Nessawal
Tessiwlem	Tessawalem
Tessiwlemt	Tessawalemt
Ssiwlen	Ssawalen
Ssiwlent	Ssawalent
Amayun	
Amayun ilaw	Amayun ibaw
Urmir + izri : yessiwlen	Izri : nessiwel
Urmir ussid : yessawalen	Urmir ussid : nessawal

Tafelwit III-2-7:

- Timerna n «tt» yer tazwara + ayelluy n tusda targalt tamezwarut
RR1 ---»ØR1 + timerna n «a» yer taggara

Amyag « Ddehem »	
Anaḍ	
N wurmir	N wurmir ussid
Ddehem	Ttedehma
Ddehemem/t	Ttedehmam
Ddehememt	Ttedehmamt
Urmir + izri + izri ibaw	urmir ussid
Ddehemey	Ttedehmay
Teddehmed	Tettedehmad
Yeddehem	Yettedehma
Teddehem	Tettedehma
Neddehem	Nettedehma
Teddehemem	Tettedehmam
Teddehememt	Tettedehmamt
Ddehmen	Ttedehman
Ddehment	Ttedehmant
Amayun	
Amayun ilaw	Amayun ibaw
Urmir + izri : iddehemem	Izri : neddehem
Urmir ussid : tettedehman	Urmir ussid : nettedehma

Tafelwit III-2-8:

- Timerna n «tt» yer tazwara

Amyag « Irid »	
Anaḍ	
N wurmir	N wurmir ussid
Irid Iridem/t Iridemt	Ttirid Ttiridem Ttirident
Urmir + izri + izri ibaw	urmir ussid
Iridey Tirided Yirid Tirid Nirid Tiridem Tirident Iriden Irident	Ttiridey Tettirided Yettirid Tettirid Nettirid Tettiridem Tettirident Ttiriden Ttirident
Amayun	
Amayun ilaw	Amayun ibaw
Urmir + izri : yiriden Urmir ussid : yettiriden	Izri : nirid Urmir ussid : nettirid

Tafelwit III-2-9:

- Timerna n «tt» yer tazwara + «a» yer taggara

Amyag « Bedd »	
Anaḍ	
N wurmir	N wurmir ussid
Bedd Beddem/t Beddemt	Ttbedda Ttbeddam Ttbeddamt
Urmir + izri + izri ibaw	urmir ussid
Beddey Tbedded Ibedd Tbedd Nbedd Tbeddem Tbeddemt Bedden Beddent	Ttbedday Tettbeddad Yettbedda Tettbedda Nettbedda Tettbeddam Tettbeddamt Ttbeddan Ttbeddant
Amayun	
Amayun ilaw	Amayun ibaw
Urmir + izri : ibedden Urmir ussid : yettbeddan	Izri : nbedd Urmir ussid : nettbedda

Tafelwit III-2-10:

- Timerna n «tt» yer tazwara+ ayelluy n tusda RR1 ---» ØR1 +
timlellit n teyri i ---» a + timerna n « y »

Amyag « Ggisi »	
Anaḍ	
N wurmir	N wurmir ussid
Ggisi Ggisim/t Ggisimt	ttgisay ttgisayem ttgisayemt
Urmir + izri + izri ibaw	urmir ussid
Ggisiy Teggisid Iggisi Teggisi Neggisi Teggisim Teggisimt Ggisin Ggisint	Ttgisayey Tettgisayed Ittgisay Tettgisay Nettgissay Tettgisayem Tettgisayemt Ttgisayen Ttgisayent
Amayun	
Amayun ilaw	Amayun ibaw
Urmir + izri : iggisin Urmir ussid : ittgisayen	Izri : neggisi Urmir ussid : nettgisay

Tafelwit III-2-11:

- Timerna n «tti» yer tazwara

Amyag « Raw »	
Anaḍ	
N wurmir	N wurmir ussid
Raw Rawem/t Rawemt	Ttiraw Ttirawem Ttirawemt
Urmir + izri + izri ibaw	urmir ussid
Rawey Trawed Iraw Traw Nraw Trawem Trawemt Rawen Rawent	Ttirawey Tettirawed Yettiraw Tettiraw Nettiraw Tettirawem Tettirawemt Ttirawen Ttirawent
Amayun	
Amayun ilaw	Amayun ibaw
Urmir + izri : irawen Urmir ussid : ittirawen	Izri : nraw Urmir ussid : nttiraw

Tafelwit III-2-12:

- Timerna n «tt» yer tazwara + timlellit n teyri i ---»a

Amyag « Li »	
Anaḍ	
N wurmir	N wurmir ussid
Li	Ttla
Lim/t	Ttlam
Limt	Ttlamt
Urmir + izri + izri ibaw	urmir ussid
Liy	Ttlay
Tlid	Tetlid
Ili	Ittla
Tli	Tettla
Nli	Nettla
Tlim	Tettlam
Tlimt	Tettlamt
Lin	Ttlan
Lint	Ttlant
Amayun	
Amayun ilaw	Amayun ibaw
Urmir + izri : ilin	Izri : nla
Urmir ussid : ittlin	Urmir ussid : nettl

Tafelwit III-2-13:

- Timerna n «tt» yer tazwara + timlellit n teyri e ---» a

Amyag « εebber »	
Anaḍ	
N wurmir	N wurmir ussid
εebber εebbrem/t εebbremt	Tteεebbar Ttεebbarem Ttεebbaremt
Urmir + izri + izri ibaw	urmir ussid
εebberey Tεebbered Iεebber Tεebber Nεebber Tεebbrem Tεebbremt εebbren εebbrent	Ttεebbarey Tettεebared Yettεebbar Tettεebbar Nettεebbar Tettεebbarem Tettεebbaremt Ttεebbaren Ttεebbarent
Amayun	
Amayun ilaw	Amayun ibaw
Urmir + izri : iεebberen Urmir ussid : ittεebbaren	Izri : nεebber Urmir ussid : nettεebbar

Tafelwit III-2-14:

- Timerna n «tt» yer tazwara + timlellit n teyri e ---» i

Amyag « Yerbel »	
Anaḍ	
N wurmir	N wurmir ussid
Yerbel Yerblem/t Yerblemt	Ttyerbil Ttyerbilem Ttyerbilemt
Urmir + izri + izri ibaw	urmir ussid
Yerbley Teyerbled Yeyerbel Teyerbel Neyerbel Teyerblem Teyerblemt Yerblen Yerblent	Ttyerbiley Tettyerbiled Yettyerbil Tettyerbil Nettyerbil Tettyerbilem Tettyerbilemt Ttyerbilen Ttyerbilent
Amayun	
Amayun ilaw	Amayun ibaw
Urmir + izri : iyerblen Urmir ussid : ittyerbilen	Izri : neyerbel Urmir ussid : nettyerbil

Tafelwit III-2-15:

- Timerna n «tt» yer tazwara + timlellit n teyri e ---» u

Amyag « Debdeb »	
Anaḍ	
N wurmir	N wurmir ussid
Debdeb Debdebem/t Debdebemt	Ttedebdub Ttedebdubem Ttedebdubemt
Urmir + izri + izri ibaw	urmir ussid
Debdebey Tdebdebey Ydebdebey Tdebdebey Ndebdebey Tdebdebem Tdebdebemt Debdeben Debdebent	Ttedebdubey Ttettedebdubey Yettdebdebey Tettdebdebey Nettdebdebey Ttettedebdebem Ttettedebdebemt Ttedebdebey Ttedebdebent
Amayun	
Amayun ilaw	Amayun ibaw
Urmir + izri : ydebdebey Urmir ussid : yettdebdebey	Izri : ndebdebey Urmir ussid : nettdebdebey

Tafelwit III-2-16:

- Timlellit n teyri i ---» a + timerna n «y»

Amyag « Zzehza »	
Anaḍ	
N wurmir	N wurmir ussid
Zzehzi Zzehzim/t Zzehzimt	Zzehzay Zzehzayem Zzehzayemt
Urmir + izri + izri ibaw	urmir ussid
Zzehziy Tezzehzid Izzehzi Tezzehzi Nezzehzi Tezzehzim Tezzehzimt Zzehzin Zzehzint	Zzehzayey Tezzehzayed Yezzehzay Tezzehzay Nezzehzay Tezzehzayem Tezzehzayemt Zzehzayen Zzehzayent
Amayun	
Amayun ilaw	Amayun ibaw
Urmir + izri : yezzehzin Urmir ussid : yezzehzayen	Izri : nezzehzi Urmir ussid : nezzahzay

Tafelwit III-2-17:

- Timerna n «tt» yer tazwara + abeddel w ---» u + tussda n tergalt tis
snat R2 ---» RR2 + timlellit n teyri e ---» a

Amyag « Wsel »	
Anaḍ	
N wurmir	N wurmir ussid
Wsel	Ttussal
Weslem/t	Ttusalem
Weslemt	ttussalemt
Urmir + izri + izri ibaw	urmir ussid
Wesley	Ttussaley
Twesled	Tettussaled
iwsel	ittussal
Tewsel	Tettussal
Newsel	Nettussal
Tweslem	Tettussalem
Tweslemt	Tettussalemt
Weslen	Ttussalen
Weslent	Ttussalent
Amayun	
Amayun ilaw	Amayun ibaw
Urmir + izri : iweslen Urmir ussid : ittussalen	Izri : newsel Urmir ussid : nettussal

Tafelwit III-2-18:

- Timerna n «tt» yer tazwara + ayelluy n tergal tamezwarut
 RR1 ----» ØR1 + timlellit n teyra i ----» a + e ----» a

Amyag « Ggiwen »	
Anad	
N wurmir	N wurmir ussid
Ggiwen Ggiwnem/t Ggiwnemt	Ttegawan Ttegawanem Ttegawanemt
Urmir + izri + izri ibaw	urmir ussid
Ggiwney Teggiwned Iggiwen Teggiwen Neggiwen Teggiwnem Teggiwnemt Ggiwnen Ggiwnent	Ttgawaney Tettgawaned Ittgawan Tettgawan Nettgawan Tettgawanem Tettgawanemt Ttgawanen Ttgawanent
Amayun	
Amayun ilaw	Amayun ibaw
Urmir + izri : iggiwnen Urmir ussid : ittgawanen	Izri : neggiwen Urmir ussid : nettgawan

Tafelwit III-2-19:

- Timerna n «tt» yer tazwara + ayelluy n tergalt tamezwarut

RR1 ---» ØR1

Amyag « Mminzu »	
Anaḍ	
N wurmir	N wurmir ussid
Mminzu	Tteminzu
Mminzum/t	Tteminzum
Mminzunt	Tteminzunt
Urmir + izri + izri ibaw	urmir ussid
Mminzuɣ	Tteminzuɣ
Temminzud	Tetteminzud
Yemminzu	Yettminzu
Temminzu	Tetteminzu
Nemminzu	Nettminzu
Temminzum	Tettminzum
Temminzunt	Tettminzunt
Mminzun	Tteminzun
Mminzunt	Tteminzunt
Amayun	
Amayun ilaw	Amayun ibaw
Urmir + izri : yemminzun	Izri : nemminzu
Urmir ussid : yetteminzun	Urmir ussid : netteminzu

Tafelwit III-2-20:

- Timerna n «tt» yer tazwara + ayelluy n tergal tamezwarut
RR1 ---» ØR1 + timerna n «a» yer taggara

Amyag « Mmuẓ »	
Anad	
N wurmir	N wurmir ussid
Mmuẓ	Ttemuẓza
Mmuẓzem/t	Ttemuẓzam
Mmuẓzemt	Ttemuẓzamt
Urmir + izri + izri ibaw	urmir ussid
Mmuẓzey	Ttemuẓzay
Temmuẓzed	tettemuẓzad
Yemmuẓz	Yettemuẓza
Temmuẓz	Tettemuẓza
Nemmuẓz	Nettemuẓza
Temmuẓzem	Tettemuẓzam
Temmuẓzemt	Tettemuẓzamt
Mmuẓzen	Ttemuẓzan
Mmuẓzent	Ttemuẓzant
Amayun	
Amayun ilaw	Amayun ibaw
Urmir + izri : yemmuẓzen	Izri : nemmuẓz
Urmir ussid : yettemuẓzan	Urmir ussid : nettemuẓza

Tafelwit III-2-21:

- Timerna n «tt» yer tazwara + ayelluy n tergal tamezwarut
 RR1 ---» ØR1 + timlellit n teyri i ---»a + timerna n «a» yer taggara

Amyag « Llil »	
Anaḍ	
N wurmir	N wurmir ussid
Llil	Ttlala
Llilem/t	Ttlalam
Llilemt	Ttlalamt
Urmir + izri + izri ibaw	urmir ussid
Lliley	Ttlalay
Telliled	Tettlalad
Illil	Ittlala
Tellil	Tettlala
Nellil	Nettlala
Tellilem	Tettlalam
Tellilemt	Tettlalamt
Llilen	Ttlalan
Llilent	Ttlalant
Amayun	
Amayun ilaw	Amayun ibaw
Urmir + izri : illilen	Izri : nellil
Urmir ussid : ittlalan	Urmir ussid : nettlala

Tafelwit III-2-22:

- Timerna n «tt» yer tazwara + ayelluy n tergal tamezwarut
RR1 ---» ØR1 + timlellit n teyri e ---» u

Amyag « Ccercer »	
Anad	
N wurmir	N wurmir ussid
Ccercer Ccercerem/t Ccerceremt	Ttcercur Ttcercurem Ttcercuremt
Urmir + izri + izri ibaw	urmir ussid
Ccercerey Teccercred Yeccercer Teccercer Neccercer Teccercerem Teccerceremt Ccerceren Ccercerent	Ttcercurey Tettcercured Yettcercur Tettcercur Nettcercur Tettcercurem Tettcercuremt Ttcercuren Ttcercurent
Amayun	
Amayun ilaw	Amayun ibaw
Urmir + izri : yeccerceren Urmir ussid : yettcercuren	Izri : neccercer Urmir ussid : nettcercur

Tafelwit III-2-23:

- Timerna n «tt» yer tazwara + ayelluy n tergal tamezwarut
RR1 ---» ØR1 + timlellit n teyri e ---» a

Amyag « Nneqceε »	
Anad	
N wurmir	N wurmir ussid
Nneqceε	Tneqcae
Nneqceεem/t	Tneqcaeem
Nneqceεemt	Tneqcaeemt
Urmir + izri + izri ibaw	urmir ussid
Nneqceεey	Tneqcaeey
Tenneqceεed	Tettneqcaeεd
Yenneqceε	Yettneqcae
Tenneqceε	Tettneqcae
Nenneqceε	Nettneqcae
Tenneqceεem	Tettneqcaeem
Tenneqceεemt	Tettneqcaeemt
Nneqceεen	Tneqcaeεn
Nneqceεent	Tneqcaeεent
Amayun	
Amayun ilaw	Amayun ibaw
Urmir + izri : yenneqceεen	Izri : nenneqceε
Urmir ussid : yettneqcaeεn	Urmir ussid : nettneqcaeε

Tafelwit III-2-24:

- Timerna n «tt» yer tazwara + ayelluy n tergal tamezwarut
RR1 ---» ØR1 + timlellit n teyri e ---» i

Amyag « Nnser »	
Anaḍ	
N wurmir	N wurmir ussid
Nnser	Ttnesir
Nnesrem/t	Ttnesirem
Nnesremt	Ttnesiremt
Urmir + izri + izri ibaw	urmir ussid
Nnesrey	Ttnesirey
Tennesred	Tetttnesired
Yennser	Yettnesir
Tennser	Tetttnesir
Nennser	Nettnesir
Tennesrem	Tetttnesirem
Tennesremt	Tetttnesiremt
Nnesren	Ttnesiren
Nnesrent	Ttnesirent
Amayun	
Amayun ilaw	Amayun ibaw
Urmir + izri : innesren	Izri : nennser
Urmir ussid : ittnesiren	Urmir ussid : nettnesir

Tafelwit III-2-25:

- Timerna n «tt» yer tazwara + ayelluy n tergal tamezwarut

RR1 ---» ØR1 + timerna n «a» yer taggara

Amyag « Ḥibb »	
Anaḍ	
N wurmir	N wurmir ussid
Ḥibb Ḥibbem/t Ḥibbemt	Tṭhiba Tṭhibam Tṭhibamt
Urmir + izri + izri ibaw	urmir ussid
Ḥibbey Tḥibbed Iḥibb Tḥibb Nḥibb Tḥibbem Tḥibbemt Ḥibben Ḥibbent	Tṭhibay Tetṭhibad Itṭhiba Tetṭhiba Netṭhiba Tetṭhibam Tetṭhibamt Tṭhiban Tṭhibant
Amayun	
Amayun ilaw	Amayun ibaw
Urmir + izri : Iḥibben Urmir ussid : Itṭhiban	Izri : nḥibb Urmir ussid : netṭhiba

Tafelwit III-2-26:

- Timerna n «tt» yer tazwara + ayelluy n tergalt RR1 ---» ØR1 +
tusda n tergalt tis snat R2 ---» RR2 + timlellit n teyri e ---» a

Amyag « Ddeḥber »	
Anaḍ	
N wurmir	N wurmir ussid
Ddeḥber Ddeḥberem/t Ddeḥberemt	Ttdeḥbbar Ttdeḥbbarem/t Ttdeḥbbaremt
Urmir + izri + izri ibaw	urmir ussid
Ddeḥberey Teddeḥbered Iddeḥber Teddeḥber Neddeḥber Teddeḥberem Teddeḥbremt Ddeḥberen Ddeḥberent	Ttdeḥbbarey Tettdeḥbbared Ittdeḥbbar Tettdeḥbbar Nettdeḥbbar Tettdeḥbbarem Tettdeḥbbaremt Ttdeḥbbaren Ttdeḥbbarent
Amayun	
Amayun ilaw	Amayun ibaw
Urmir + izri : iddeḥberen Urmir ussid : ittdeḥbbaren	Izri : neddeḥber Urmir ussid : nettdeḥbbar

Tafelwit III-2-27:

- Timerna n «tt» yer tazwara + ayelluy n tergalt RR1 ---» ØR1 + tusda n tergalt tis snat R2 ---» RR2 + timlellit n teyri e ---» i

Amyag « Ffurej »	
Anaḍ	
N wurmir	N wurmir ussid
Ffurej Ffurjem/t Ffurjemt	Ttfurrij Ttfurrijem Ttfurrijemt
Urmir + izri + izri ibaw	urmir ussid
Ffurjeɣ Teffurjed Yeffurej Teffurej Neffurej Teffurjem Teffurjemt Ffurjent Ffurjent	Ttfurrijey Tettfurrijed Yettfurrij Tettfurrij Nettfurrij Tettfurrijem Tettfurrijemt Ttfurrijen Ttfurrijent
Amayun	
Amayun ilaw	Amayun ibaw
Urmir + izri : yeffurjrn Urmir ussid : yettfurrijen	Izri : neffurej Urmir ussid : nettfurrij

Tafelwit III-2-28:

- Timerna n «tt» yer tazwara + abeddel qq ---» y + timerna n «a»
yer taggara

Amyag « Qqim »	
Anaḍ	
N wurmir	N wurmir ussid
Qqim	Ttyima
Qqimem/t	Ttyimam
Qqimemt	Ttyimamt
Urmir + izri + izri ibaw	urmir ussid
Qqimey	Ttyimay
Teqqimed	Tettyimad
Yeqqim	Yettyima
Teqqim	Yettyima
Neqqim	Nettyima
Teqqimem	Tettyimam
Teqqimemt	Tettyimamt
Qqimen	Ttyiman
Qqiment	Ttyimant
Amayun	
Amayun ilaw	Amayun ibaw
Urmir + izri : yeqqimen	Izri : neqqim
Urmir ussid : yettyiman	Urmir ussid : nettyima

Tafelwit III-2-29:

- Timlrlilit n teyri u ---» e + timerna n « gg »

Amyag « Zud »	
Anaḍ	
N wurmir	N wurmir ussid
Zud Zudem/t Zudemt	Zeggeḍ Zeggeḍem Zeggeḍemt
Urmir + izri + izri ibaw	urmir ussid
Zudey Tzudeḍ Izud Tezud Nzud Tzudem Tzudemt Zuḍen Zudent	Zeggedey Tzeggeḍed Izeggeḍ Tzeggeḍ Nzeggeḍ Tzeggeḍem Tzeggeḍemt Zeggeḍen Zeggeḍent
Amayun	
Amayun ilaw	Amayun ibaw
Urmir + izri : Izuḍen Urmir ussid : izeggeḍen	Izri : nzud Urmir ussid : nzeggeḍ

Tafelwit III-2-30:

- Tusda n tergalt tamezwarut R1 ---» RR1

Amyag « Ṭæ »	
Anaḍ	
N wurmir	N wurmir ussid
Ṭæ Ṭæem/t Ṭæemt	Ṭṭæ Ṭṭæem Ṭṭæemt
Urmir + izri + izri ibaw	urmir ussid
Ṭæey Ṭṭæed Iṭæ Ṭṭæ Nṭæ Ṭṭæem Ṭṭæemt Ṭæen Ṭæent	Ṭṭæey Teṭṭæed Iṭṭæ Teṭṭæ Netṭæ Teṭṭæem Teṭṭæemt Ṭṭæen Ṭṭæent
Amayun	
Amayun ilaw	Amayun ibaw
Urmir + izri : Iṭæen Urmir ussid : Iṭṭæen	Izri : nṭæ Urmir ussid : netṭæ

Tafelwit III-2-31:

- Tusda n tergalt tamezwarut R1 ---» RR1 + timlellit n teyri e ---»a

Amyag « Ṭerrec »	
Anaḍ	
N wurmir	N wurmir ussid
Ṭerrec Ṭerreceṃ/t Ṭerreceṃt	Ṭṭerrac Ṭṭerraceṃ Ṭṭerraceṃt
Urmir + izri + izri ibaw	urmir ussid
Ṭerrecey Ṭṭerreced İṭerrec Ṭṭerrec Nṭerrec Ṭṭerrceṃ Ṭṭerreceṃt Ṭṭerreceṃ Ṭṭerreceṃt	Ṭṭerracey Teṭṭerraced İṭṭerrac Teṭṭerrac Neṭṭerrac Teṭṭerraceṃ Teṭṭerraceṃt Ṭṭerraceṃ Ṭṭerraceṃt
Amaṃun	
Amaṃun ilaw	Amaṃun ibaw
Urmir + izri : iṭerreceṃ Urmir ussid : iṭṭerraceṃ	Izri : nṭerrec Urmir ussid : neṭṭerrac

Tafelwit III-2-32:

- Tusda n tergalt tis snat R2 ---» RR2

Amyag « Bri »	
Anaḍ	
N wurmir	N wurmir ussid
Bri Brim/t Brimt	Berri Berrim Berrimt
Urmir + izri + izri ibaw	urmir ussid
Briy Tebrid Yebri Tebri Nebri Tebrim Tebrimt Brin Brint	Berriy Tberrid Iberri Tberri Nberri Tberrim Tberrimt Berrin Berrint
Amayun	
Amayun ilaw	Amayun ibaw
Urmir + izri : yebrin Urmir ussid : iberrin	Izri : nebri Urmir ussid : nberri

Tafelwit III-2-33:

- Timerna n « g » yer tazwara + tusda n tergalt tis snat R2 ---»RR2

Amyag « Uḍu »	
Anaḍ	
N wurmir	N wurmir ussid
Uḍu	Gedḍu
Uḍum/t	Gedḍum
Uḍumt	Gedḍumt
Urmir + izri + izri ibaw	urmir ussid
Uḍuy	Gedḍuy
Tuḍud	Tgedḍud
Yuḍu	Igedḍu
Tuḍu	Tgedḍu
Nuḍu	Ngedḍu
Tuḍum	Tgedḍum
Tuḍumt	Tgedḍumt
Uḍun	Gedḍun
Uḍunt	Gedḍunt
Amayun	
Amayun ilaw	Amayun ibaw
Urmir + izri : yuḍun Urmir ussid : ignedḍun	Izri : nuḍu Urmir ussid : ngedḍu

Tafelwit III-2-34:

- Timlellit n teyri a ---» e + tusda n tergalt tis snat R2 ---»RR2

Amyag « Ɖafs »	
Anaḍ	
N wurmir	N wurmir ussid
Ɖafs Ɖafsem/t Ɖafsemt	Ɖeffes Ɖeffesem Ɖeffeseamt
Urmir + izri + izri ibaw	urmir ussid
Ɖafsey Teḍafsed Idafs Tḍas Nḍafs Tḍafsem Tḍafsemt Ɖafsen Ɖafsent	Ɖeffeseay Tḍeffesed Ideffes Tḍeffes Nḍeffes Tḍeffesem Tḍeffeseamt Ɖeffesen Ɖeffesent
Amayun	
Amayun ilaw	Amayun ibaw
Urmir + izri : idafsen Urmir ussid : ideffesen	Izri : nḍafs Urmir ussid : nḍeffes

Tafelwit III-2-35:

- Timlellit n teyri i ---» u

Amyag « Ggir »	
Anaḍ	
N wurmir	N wurmir ussid
Ggir Ggirem/t Ggiremt	Ggur Ggurem Gguremt
Urmir + izri + izri ibaw	urmir ussid
Ggirey Teggired Iggir Teggir Neggir Teggirem Teggiremt Ggiren Ggirent	Ggurey Teggured Iggur Teggur Neggur Teggurem Tegguremt Gguren Ggurent
Amayun	
Amayun ilaw	Amayun ibaw
Urmir + izri : iggiren Urmir ussid : igguren	Izri : neggir Urmir ussid : neggur

Tafelwit III-2-36:

- Aneqlab n tergalin R1 --> R2 ; R2 -->R1 + timlellit n teyri e ---»a

Amyag « Ntqel »	
Anaḍ	
N wurmir	N wurmir ussid
Ntqel Ntqelem/t Ntqelemt	Tneqal Tnqalem Tnqalemt
Urmir + izri + izri ibaw	urmir ussid
Ntqeley Tenteqled Intqel Tenteqel Nentqel Tentqelem Tentqelemt Ntqelen Ntqelent	Tnqaley Ttenqaled Itneqal Tetneqal Netneqal Tetneqalem Tetneqalemt Tneqalen Tneqalent
Amayun	
Amayun ilaw	Amayun ibaw
Urmir + izri : intqelen Urmir ussid : itneqalen	Izri : nentqel Urmir ussid : netneqal

Tafelwit III-2-37:

- Ayelluy n tergalt tis snat RR2 ---»R2 + timlellit n teyra i ---»a + e ---»a

Amyag « Sseggiwen »	
Anaḍ	
N wurmir	N wurmir ussid
Sseggiwen Sseggiwenem/t Sseggiwenemt	Sseggawan Sseggawanam Ssaggawanemt
Urmir + izri + izri ibaw	urmir ussid
Sseggiweney Tesseggiwned Isseggiwen Tesseggiwen Nesseggiwen Tesseggiwenem Tesseggiwnemt Sseggiwenen Sseggiwnent	Sseggawaney Tesseggawaned Isseggawan Tesseggawan Nesseggawan Tesseggawanem Tesseggawanemt Sseggawanen Sseggawanent
Amayun	
Amayun ilaw	Amayun ibaw
Urmir + izri : isseggiwenen Urmir ussid : isseggawanen	Izri : nesseggiwen Urmir ussid : nesseggawan

III-3 Imyagen i yesṣan kraḍ n yifeggagen

III-3- 1-Urmir = Izri ≠ Izri ibaw ≠ urmir ussid

Tafelwit III-3-1-1:

- Timerna n «tt» yer tazwara

Amyag « Zḡel »		
Anaḍ		
N wurmir	N wurmir ussid	
Zḡel	Ttezzel	
Zḡlem/t	Ttezzlem	
Zḡlemt	Ttezzlem	
Urmir + izri	izri ibaw	urmir ussid
Zḡeley	Zḡiley	Ttezzeley
Tezzled	Tezziled	Tettezzeled
Izzel	Izzil	Ittezzel
Tezzel	Tezzil	Tettezzel
Nezzel	Nezzil	Nettezzel
Tezzlem	Tezzilem	Tettezzelem
Tezzlemt	Tezzilemt	Tettezzelemt
Zḡlen	Zḡlin	Ttezzelen
Zḡlent	Zḡlint	Ttezzelent
Amayun		
Amayun ilaw	Amayun ibaw	
Urmir + izri : izzelen	Izri : nezzil	
Urmir ussid : ittezzelen	Urmir ussid : nettezzel	

Tafelwit III-3-1-2:

- Timerna n «t» yer tazwara + timlellit n teyri e ---»i

Amyag « Shel »		
Anaḍ		
N wurmir		N wurmir ussid
Shel Shelem/t Shelemt		Tteseḥil Ttseḥilem Ttseḥilemt
Urmir + izri	izri ibaw	urmir ussid
Sehley Tsehled Yeshel Teshel Neshel Tsehlem Tsehlemt Sehlen Sehlent	Shiley Teshiled Yeshil Teshil Neshil Teshilem Teshilemt Shilen Shilent	Ttseḥiley Tettesehiled Yetteshil Tettesehil Nettesehil Tettesehilem Tettesehilemt Ttesehilen Ttesehilent
Amayun		
Amayun ilaw		Amayun ibaw
Urmir + izri : isehlen Urmir ussid : yettesehilen		Izri : neshil Urmir ussid : nettsehil

Tafelwit III-3-1-3:

- Timerna n «t» yer tazwara + abeddel w ---» u

Amyag « Wella »		
Anaḍ		
N wurmir		N wurmir ussid
Wella Wellam/t wellamt		Tulla Tullam Tullamt
Urmir + izri	izri ibaw	urmir ussid
wellay	Welliy	Tullay
Twellad	Twellid	Tetullad
Iwella	Iwelli	Itulla
Twella	Twelli	Tetulla
Nwella	Nwelli	Ntulla
Twellam	Twellim	Tetullam
Twellamt	Twellimt	Tetullamt
Wellan	Wellin	Tullan
Wellant	Wellint	Tullant
Amayun		
Amayun ilaw		Amayun ibaw
Urmir + izri : iwellan Urmir ussid : itullan		Izri : nwelli Urmir ussid : ntulla

Tafelwit III-3-1-4:

- Timerna n «tti» yer tazwara

Amyag « Ĥla »		
Anađ		
N wurmir	N wurmir ussid	
Ĥla Ĥlam/t Ĥlamt	Ttiĥla Ttiĥlam Ttiĥlamt	
Urmir + izri	izri ibaw	urmir ussid
Ĥlay Teĥlad Yeĥla Teĥla Neĥla Teĥlam Teĥlamt Ĥlan Ĥlant	Ĥliy Teĥlid Yeĥli Teĥli Neĥli Teĥlim Teĥlimt Ĥlin Ĥlint	Ttiĥlay Tettiĥlad Yettiĥla Tettiĥla Nettiĥla Tettiĥlam Tettiĥlamt Ttiĥlan Ttiĥlant
Amayun		
Amayun ilaw	Amayun ibaw	
Urmir + izri : yeĥlan Urmir ussid : ittiĥlan	Izri : neĥli Urmir ussid : nettiĥla	

Tafelwit III-3-1-5:

- Timerna n «t» yer tazwara + timlellit n teyri e ---»i

Amyag « Smeđ »		
Anađ		
N wurmir		N wurmir ussid
Smeđ		Ttesmiđ
Semđem/t		Ttesmiđem
Semđemt		Ttesmiđemt
Urmir + izri	izri ibaw	urmir ussid
Semđey	Smiđey	Ttesmiđey
Tsemđed	Smiđed	Tettesmiđed
yesmeđ	Yesmiđ	Yettesmiđ
Tesmeđ	Tesmiđ	Tettesmiđ
Nesmeđ	Nesmiđ	Nettesmiđ
Tsemđem	Tesmiđem	Tettesmiđem
Tsemđemt	Tesmiđemt	Tettesmiđemt
Semđen	Smiđen	Ttesmiđen
Semđent	Smiđent	Ttesmiđent
Amayun		
Amayun ilaw		Amayun ibaw
Urmir + izri : isemđen		Izri : nesmiđ
Urmir ussid : ittesmiđen		Urmir ussid : nettesmiđ

Tafelwit III-3-1-6:

- Timerna n «tt» yer tazwara + tuyalin n tergalt n uẓar (n) + timlellit n teyri e --> a

Amyag « kker »		
Anaḍ		
N wurmir		N wurmir ussid
Kker Kkrem/t Kkremt		Ttenkar Ttenkarem Ttenkaremt
Urmir + izri	izri ibaw	urmir ussid
Kkrey Tekkred Yekker Tekker Nekker Tekkrem Tekkremt Kkren Kkrent	Kkirey Tekkired Yekkir Tekkir Nekkir Tekkirem Tekkiremt Kkiren Kkirent	Ttenkarey Tettenkared Yettenkar Tettenkar Nettenkar Tettenkarem Tettenkaremt Ttenkaren Ttenkarent
Amayun		
Amayun ilaw		Amayun ibaw
Urmir + izri : yekkeren Urmir ussid : ittenkaren		Izri : nekkir Urmir ussid : nettenkar

Tafelwit III-3-1-7:

- Tusda n tergalt tis snat R2 ---»RR2

Amyag « ftel »		
Anaḍ		
N wurmir		N wurmir ussid
Ftel Fetlem/t Fetlemt		Fettel Fettlem Fettlemt
Urmir + izri	izri ibaw	urmir ussid
Fetley Tfetled Yeftel Teftel Neftel Tfetlem Tfetlemt Fetlen Fetlent	Ftiley Teftiled Yeftil Teftil Neftil Tfitem Tfitemt Ftilen Ftilent	Fettley Tfettled Ifettel Tfettel Nfettel Tfettlem Tfettlemt Fettlen Fettlent
Amayun		
Amayun ilaw		Amayun ibaw
Urmir + izri : ifetlen Urmir ussid : ifettlem		Izri : neftil Urmir ussid : nfettel

Tafelwit III-3-1-8:

- Tusda n tergalt tis snat R2 ---»RR2 + timlellit n teyri e ---»a

Amyag « Ireḍ »		
Anaḍ		
N wurmir		N wurmir ussid
Ireḍ Irḍem/t Irḍemt		Irraḍ Irraḍem Irraḍemt
Urmir + izri	izri ibaw	urmir ussid
Irḍey Tirḍed Yireḍ Tireḍ Nireḍ Tirḍem Tirḍemt Irḍen Irḍent	Irḍey Tirḍed Yiriḍ Tiriḍ Niriḍ Tiriḍem Tiriḍemt Iriḍen Iriḍent	Irraḍey Tirraḍed Yirraḍ Tirraḍ Nirraḍ Tirraḍem Tirraḍemt Irraḍen Irraḍen
Amayun		
Amayun ilaw		Amayun ibaw
Urmir + izri : yiraḍen Urmir ussid : yirraḍen		Izri : niriḍ Urmir ussid : nirraḍ

III-3-2 Izri = Izri ibaw ≠ Urmir ≠ urmir ussid

Tafelwit III-3-2-1:

- Timerna n «tt» yer tazwara

Amyag « Ass »		
Anaḍ		
N wurmir		N wurmir ussid
Ass Assem/t Assemt		Ttass Ttassem/t Ttassemnt
Urmir	izri ibaw + izri	urmir ussid
Assey	Ussey	Ttasey
Tassed	Tussed	Tettassed
Yass	Yuss	Yettass
Tass	Tuss	Tettass
Nass	Nuss	Nettass
Tassem	Tussem	Tettassem
Tassemt	Tussemt	Tettassemt
Assen	Ussen	Ttassen
Assent	Ussent	Ttassent
Amayun		
Amayun ilaw		Amayun ibaw
Urmir + izri : yassen Urmir ussid : yettassen		Izri : nussi Urmir ussid : nettass

Tafelwit III-3-2-2:

- Timerna n «tti» yer tazwara + timerna n «a» yer taggara

Amyag « Lal »		
Anaḍ		
N wurmir		N wurmir ussid
Lal Lalem/t Lalemt		Ttlala Ttlalam Ttlalamt
Urmir	izri ibaw + izri	urmir ussid
Laley Tlaled Ilal Tlal Nlal Tlalem Tlalemt Lalen Lalent	Luley Tluled Ilul Tlul Nlul Tlulem Tlulemt Lulen Lulent	Ttlalay Tettlalah Ittlala Tettlala Nettlala Tettlalam Tettlalamt Ttlalan Ttlalant
Amayun		
Amayun ilaw		Amayun ibaw
Urmir + izri : ilalen Urmir ussid : ittlalan		Izri : nlul Urmir ussid : nettlala

Tafelwit III-3-2-3:

- Timerna n «tti» yer tazwara + ayelluy n tergalt tamezwarut RR1 ---»ØR1 +

Timerna n «a» yer taggara

Amyag « Ffad »		
Anaḍ		
N wurmir	N wurmir ussid	
Ffad Ffadem/t Ffademt	Ttfada Ttfadam Ttfadamt	
Urmir	izri ibaw + izri	urmir ussid
Ffadey Teffaded Yeffad Teffad Neffad Teffadem Teffademt Ffaden Ffadent	Ffudey Teffuded Yeffud Teffud Neffud Teffudem Teffudemt Ffuden Ffudent	Ttfaday Tettefadam Yettefada Tettefada Nettefada Tettefadam Tettefadamt Ttfadan Ttfadant
Amayun		
Amayun ilaw		Amayun ibaw
Urmir + izri : yeffuden Urmir ussid : yettfadan		Izri : neffud Urmir ussid : nettefada

Tafelwit III-3-2-4:

- Timerna n «tti» yer tazwara + abeddel qq --- y + timerna n «a» yer taggara

Amyag « Qqar »		
Anaḍ		
N wurmir		N wurmir ussid
Qqar Qqaren/t Qqaremt		Ttyara Ttyaram Ttyaramt
Urmir	izri ibaw + izri	urmir ussid
Qqarey Teqqared Yeqqar Teqqar Neqqar Teqqarem Teqqaremt Qqaren Qqarent	Qquirey Teqqured Yeqqur Teqqur Neqqur Teqqurem Teqquremt Qquren Qquirent	Ttyaray Tettyarad Yettyara Tettyara Nettyara Tettyaram Tettyaramt Ttyaran Ttyarent
Amayun		
Amayun ilaw		Amayun ibaw
Urmir + izri : yeqquren Urmir ussid : yettyaran		Izri : neqqur Urmir ussid : nettyara

Tafelwit III-3-2-5:

- Timerna n «tti» yer tazwara + ayelluy n tergalt tamezwarut RR1 ---»ØR1 + tusda n tergalt tis snat R2 ---» RR2 + timerna n «a» yer taggara

Amyag « Ẓzal »		
Anaḍ		
N wurmir		N wurmir ussid
Ẓzal Ẓzalem/t Ẓzalmt		Ttezalla Ttezallam Ttezallamt
Urmir	izri ibaw + izri	urmir ussid
Ẓzaley Tezzaled Yezzal Tezzal Nezzal Tezzalem Tezzalemt Ẓzalen Ẓzalent	Ẓzuley Tezzuled Yezzul Tezzul Nezzul Tezzulem Tezzulemt Ẓzulen Ẓzulent	Ttezallay Tettzallad Yettzalla Tettzalla Nettzalla Tettzallam Tettzallamt Ttzallan Ttzallant
Amayun		
Amayun ilaw		Amayun ibaw
Urmir + izri : yezzulen Urmir ussid : yettezallan		Izri : nezzul Urmir ussid : nettzalla

Tafelwit III-3-2-6:

- Tusda n tergalt tamezwarut R1 ---»RR1 + timlellit n teyri e ---»a

Amyag « Eḍd »		
Anaḍ		
N wurmir		N wurmir ussid
Eḍd Eḍdem/t Eḍdemt		Zḍad Zḍadem Zḍademt
Urmir	izri ibaw + izri	urmir ussid
Eḍdey Teḍded Yeḍd Teḍd Neḍd Teḍdem Teḍdemt Eḍden Eḍdent	Eḍdiy Teḍdid Yeḍdi Teḍdi Neḍdi Teḍdim Teḍdimt Eḍdin Eḍdint	Zḍadey Teḍḍaded Yeḍḍad Teḍḍad Neḍḍad Teḍḍadem Teḍḍademt Zḍaden Zḍadent
Amayun		
Amayun ilaw		Amayun ibaw
Urmir + izri : yeḍdin Urmir ussid : yeḍḍaden		Izri : neḍdi Urmir ussid : neḍḍad

Tafelwit III-3-2-7:

- S ubeddel n umyag ini ---» qqar

Amyag « Ini »		
Anaɗ		
N wurmir	N wurmir ussid	
Ini Inim/t Inimt	Qqar Qqarem Qqaremt	
Urmir	izri ibaw + izri	urmir ussid
Iniy Tinid Yini Tini Nini Tinim Tinimt Inin Inint	Nniy Tennid Yenni Tenni Nenni Tennim Tennimt Nnin Nnint	Qqarey Teqqared Yeqqar Teqqar Neqqar Teqqarem Teqqaremt Qqaren Qqarent
Amayun		
Amayun ilaw	Amayun ibaw	
Urmir + izri : inan Urmir ussid : yeqqaren	Izri : nenni Urmir ussid : neqqar	

Tafelwit III-3-2-8:

- Timerna n «t» yer tergalt send tangarut

Amyag « Uc »		
Anaḍ		
N wurmir		N wurmir ussid
Uc Ucem/t Ucent		Utc Utcem Utcemt
Urmir	izri ibaw + izri	urmir ussid
Ucey Tuced Yuc Tuc Nuc Tucem Tucemt Ucen Ucent	Uciy Tucid Yuci Tuci Nuci Tucim Tucimt Ucin Ucint	Utcey Tutced Yutc Tutc Nutc Tutcem Tutcemt Utcen Utcent
Amayun		
Amayun ilaw		Amayun ibaw
Urmir + izri : yucin Urmir ussid : yutcen		Izri : nuci Urmir ussid : nutc

Tafelwit III-3-2-9:

- Timerna n tergalt «čč» + timlellit n teyri u ---»a

Amyag « Ut »		
Anaḍ		
N wurmir		N wurmir ussid
Ut Utem/t Utemt		Ččat Ččatem Ččatemt
Urmir	izri ibaw + izri	urmir ussid
Utey Tuted Yut Tut Nut Tutem Tutemt Uten Utent	Utiy Tutid Yuti Tuti Nuti Tutim Tutimt Utin Utint	Ččatey Teččated Yeččat Teččat Neččat Teččatem Teččatemt Ččaten Ččatent
Amayun		
Amayun ilaw		Amayun ibaw
Urmir + izri : yuten Urmir ussid : yeččaten		Izri : nuti Urmir ussid : neččat

Tafelwit III-3-2-10:

- Abeddel n tergalt w ---» s

Amyag « Sew »		
Anaḍ		
N wurmir	N wurmir ussid	
Sew Swem/t Swemt	Ess Essem Essemt	
Urmir	Izri + izri ibaw	urmir ussid
Swey Teswed Isew Tsew Nsew Teswem Teswemt Swen Swent	Swiy Teswid Iswi Teswi Neswi Teswim Teswimt Swin Swint	Essey Tessed Yess Tess Ness Tessem Tessemt Essen Essent
Amayun		
Amayun ilaw	Amayun ibaw	
Urmir + izri : yeswan Urmir ussid : yessen	Izri : neswi Urmir ussid : ness	

Tafelwit III-3-2-11:

- Timerna n « tt » yer tazwara + «a» send targalt tangarut + abeddel w ---» n

Amyag « Enw »		
Anaḍ		
N wurmir		N wurmir ussid
Enw Enwam/t Enwamt		Ttnan Ttnanem Ttnanemt
Urmir	Izri + izri ibaw	urmir ussid
Enwey	Nwiḡ	Ttnaney
Tenwed	Tenwid	Tettnaned
inw	Inwi	Yettnan
tenw	Tenwi	Tettnan
nenw	Nenwi	Nettnan
Tenwem	Tenwim	Tettnanem
Tenwemt	Tenwimt	Tettnanemt
Nwen	Nwin	Ttnanen
Nwent	Nwint	Ttnanent
Amayun		
Amayun ilaw		Amayun ibaw
Urmir + izri : yenwan Urmir ussid : yettnanen		Izri : nenwi Urmir ussid : nettnan

Tafelwit III-3-2-12:

- Timerna n « tt » yer tazwara + tusda n tergalt

Amyag « Eg »		
Anaḍ		
N wurmir	N wurmir ussid	
Eg Egem/t Egemt	Ttegg Tteggem Tteggemt	
Urmir	Izri + izri ibaw	urmir ussid
Egey Tged Yeg Teg Neg Tgem Tgemt Egen Egent	Giγ Tgid Yigi Tgi Ngi Tgim Tgimt Gin Gint	Tteggey Ttagged Yettegg Tettegg Nettegg Tetteggem Tetteggemt Tteggem Tteggent
Amayun		
Amayun ilaw	Amayun ibaw	
Urmir + izri : yegin Urmir ussid : yetteggem	Izri : negi Urmir ussid : nettegg	

Tafelwit III-3-2-13:

- Timerna n « tt » yer tazwara + «a» yer taggara

Amyag « Eḡḡ »		
Anaḍ		
N wurmir		N wurmir ussid
Eḡḡ Eḡḡem/t Eḡḡem		Ttaḡḡa Ttaḡḡam Ttaḡḡamt
Urmir	Izri + izri ibaw	urmir ussid
Eḡḡeṽ Teḡḡed Yeḡḡ Teḡḡ Neḡḡ Teḡḡem Teḡḡemt Eḡḡen Eḡḡent	Ḡḡiy Teḡḡid Yeḡḡi Teḡḡi Neḡḡi Teḡḡim Teḡḡimt Eḡḡin Eḡḡint	Ttaḡḡay Tettaḡḡad Yattaḡḡa Tettaḡḡa Nettaḡḡa Tettaḡḡam Tettaḡḡamt Ttaḡḡan Ttaḡḡant
Amayun		
Amayun ilaw		Amayun ibaw
Urmir + izri : yeḡḡen Urmir ussid : yettaḡḡan		Izri : neḡḡi Urmir ussid : nettaḡḡa

Tafelwit III-3-2-14:

- Timerna n « tt » yer tazwara + timlellit n teyri e ---» u

Amyag « Ers »		
Anađ		
N wurmir		N wurmir ussid
Ers Ersem/t Ersemt		Ttrus Ttrusem Ttrusemt
Urmir	Izri + izri ibaw	urmir ussid
Ersey	Rsiy	Ttrusey
Tersed	Tersid	Tettrused
Yers	Yersi	Yettrus
Ters	Tersi	Tettrus
Ners	Nersi	Nettrus
Tersem	Tersim	Tettrusem
Tersemt	Tersimt	Tettrusemt
Rsen	Rsin	Ttrusen
Rsent	Rsint	Ttrusent
Amayun		
Amayun ilaw		Amayun ibaw
Urmir + izri : yersen Urmir ussid : yettrusen		Izri : nersi Urmir ussid : nettrus

Tafelwit III-3-2-15:

- Timerna n « tt » yer tazwara + timlellit n teyri e ---» a

Amyag « Eny »			
Anaḍ			
N wurmir		N wurmir ussid	
Eny Enyem/t Enyemt		Ttnay Ttnayem Ttnayemt	
Urmir	izri	izri ibaw	urmir ussid
Enyey Tenyed Yeny Teny Neny Tenyem Tenyemt Enyen Enyent	Niyi Tenyid Yenyi Tenyi Nenyi Tenyim Tenyimt Enyin Enyint		Ttnayey Tettnayed Yettnay Tettnay Nettnay Tettnayem Tettnayemt Ttnayen Ttnayent
Amayun			
Amayun ilaw		Amayun ibaw	
Urmir + izri : yenyin Urmir ussid : yettnayen		Izri : nenyi Urmir ussid : nettnay	

Tafelwit III-3-2-16:

- Tusda n tergalt tamezwarut

Amyag « kel »		
Anaḍ		
N wurmir		N wurmir ussid
Kel Klem/t Klemt		Kkal Kkalem Kkalemt
Urmir	Izri + izri ibaw	urmir ussid
Kley Tekled Ikel Tkel Nkel Teklem Teklemt Klen Klent	Kliy Teklid Ikli Tekli Nekli Teklim Teklimt Klin Klint	Kkaley Tekkaled Yekkal Tekkal Nekkal Tekkalem Tekkalent Kkalen Kkalent
Amayun		
Amayun ilaw		Amayun ibaw
Urmir + izri : yeklen Urmir ussid : yekkalen		Izri : nekli Urmir ussid : nekkal

Tafelwit III-3-2-17:

- Tusda n tergal tangerut

Amyag « sel »			
Anaḍ			
N wurmir		N wurmir ussid	
Sel Slem/t Slemt		Sell Sellem Sellemt	
Urmir	izri	izri ibaw	urmir ussid
Sley Tesled Isel Tsel Nsel Teslem Teslemt Slen Slent	Sliy Teslid Isli Tesli Nesli Teslim Teslimt Slin Slint		Selley Tselled Isell Tsell Nsell Tsellem Tsellemt Sellen Sellent
Amayun			
Amayun ilaw		Amayun ibaw	
Urmir + izri : yeslan Urmir ussid : isellen		Izri : nesli Urmir ussid : nsall	

III-3-3 Izri ibaw = Urmir ≠ Izri ≠ urmir ussid

Tafelwit III-3-3-1:

- Timerna n « tt » yer tazwara + timlellit n teyri e ---» a

Amyag « Ɖugger »		
Anaḍ		
N wurmir		N wurmir ussid
Ɖugger Ɖuggerem/t Ɖuggeremt		Ttḍuggar Ttḍuggarem Ttḍuggaremt
izri ibaw + urmir	izri	Urmir ussid
Ɖuggerey Teḍuggered Idugger Teḍugger Neḍugger Teḍuggerem Teḍuggeremt Ɖuggeren Ɖuggerent	Ɖuggurey Teḍuggured Iduggur Teḍuggur Neḍuggur Teḍuggurem Teḍugguremt Ɖugguren Ɖuggurent	Ttḍuggarey Tettḍuggared Ittḍuggar Tettḍuggar Nettḍuggar Tettḍuggarem Tettḍuggaremt Ttḍuggaren Ttḍuggarent
Amayun		
Amayun ilaw		Amayun ibaw
Urmir + izri : Iduggeren Urmir ussid : Ittḍuggaren		Izri : nḍuggur Urmir ussid : nettḍuggar

III-4- Imyagen yesεan ukkuḍ n yifeggagen

Izri = Izri ibaw = Urmir = Urmir ussid

Tafelwit III-4-1:

- Timerna n « tt » yer tazwara

Amyag « Agem »			
Anaḍ			
N wurmir		N wurmir ussid	
Agem		Ttagem	
Agmemt		Ttagmem	
Agmemt		Ttagmemt	
Urmir	izri	izri ibaw	urmir ussid
Agmey	Ugmey	Ugimey	Ttagmey
Tagmed	Tugmed	Tugimed	Ttagmed
Yagem	Yugem	Yugim	Yettagem
Tagem	Tugem	Tugim	Tettagem
Nagem	Nugem	Nugim	Nettagem
Tagmem	Tugmem	Tugimem	Tettagmem
Tagmemt	Tugmemt	Tugimemt	Tettagmemt
Agmen	Ugmen	Ugimen	ttagmen
Agment	Ugment	Ugiment	ttagment
Amayun			
Amayun ilaw		Amayun ibaw	
Urmir + izri : yugmen		Izri : nugim	
Urmir ussid : yettagmen		Urmir ussid : nettagem	

Tafelwit III-4-2:

- Timerna n « tt » yer tazwara + timlellit n teyri e ---» a

Amyag « Ag ^w ed »			
Anaḍ			
N wurmir		N wurmir ussid	
Agg ^w ed Agg ^w edem/t Agg ^w edmt		ttag ^w ad ttag ^w adem ttag ^w ademt	
Urmir	izri	izri ibaw	urmir ussid
yag ^w ed	yegg ^w ed	yegg ^w id	Ttag ^w adey
Tag ^w eded	Tegg ^w eded	Tegg ^w ided	Ttag ^w aded
Yag ^w ed	Yegg ^w ed	Yegg ^w id	Yettag ^w ad
Tag ^w ed	Tegg ^w ed	Tegg ^w id	Tettag ^w ad
Nag ^w ed	Negg ^w ed	Negg ^w id	Nettag ^w ad
Tag ^w edem	Tegg ^w edem	Tegg ^w idem	Tettag ^w adem
Tag ^w edemt	Tegg ^w edemt	Tegg ^w ident	Tettag ^w ademt
Ag ^w eden	Gg ^w eden	Gg ^w iden	Ttag ^w aden
Ag ^w edent	Gg ^w edent	Gg ^w ident	Ttag ^w adent
Amayun			
Amayun ilaw		Amayun ibaw	
Urmir + izri : yegg ^w eden Urmir ussid : Yettag ^w aden		Izri : negg ^w iden Urmir ussid : nettag ^w aden	

Taggrayt Tamatut

Taggrayt tamatut

Yer taggara n tezrawt-a, atas n yigmaɗ i yur newweɗ, nessawed ad nessisen tiyessiw n tseftit n yemyagen i d-yeddan deg udlis-a, d ayen i d-yessbedden awfus n tseftit i yemyagen n tantala tacawit.

Deg wayen yerzan asismel n yemyagen ilmend n yifeggagen, ad d-naf amur ameqqran n yimyagen i yellan deg udlis-a n **Basset** d imyagen i yesɛan sin n yifeggagen, llan deg-s 317 n yimyagen anda i d- nefrez 37 n tseftiyin yemxalafen, yur-s yer yimyagen i yesɛan 3 n yifeggagen s wuɗtun n 209 n yimyagen , nufa-d 26 n tseftiyin, syina rnan-d wid yesɛan 4 n yifeggagen, nufa-d ala 17 n yimyagen, i yesɛan anagar n (2) snat n tseftiyin. Ma d wid yesɛan yiwen ufeggag ur ugten ara llan anagar 3 yimyagen. S wanect-a ad d-naf uɗtun akemmali n yimyagen iherfiyen i d-nufa 547 n yimyagen.

Deg usismel i d-yellan, nufa-d tiseftiyin i yemgaraden deg yal tasmilt n yimyagen, d ayen i d-yeskanen amek i d-tettili tseftit i yemyagen n tcawit, d wayen i yetbeddilen mi ara ttwaseftin yer tmezra yemxalafen.

S leqdic-a ad yishil usali n uwfus amezyan n tseftit n yimyagen deg tantala tacawit, d win dayen ara yessifsen almud n tutlayt, am wakken ara d-yeldi tawwurt yer useggem d usmagnu n tutlayt, s uskan n wudmawen n umgired neɣ ladiya udemawen n umtawi gar tseftiyin n tantaliwin: taqbaylit d tcawit.

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Ummuy n yidlisen:

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Ammud

Ammud:

Amḍan	Amyag	Asebt er deg udlis n Basset	Uṭṭun n tezmilt taneddit Rnu ifeggagen	Uṭṭun n tfelwit n tseftit
[1].	<i>Adef</i>	16	29 udef / udif / adef / ttadef	(III-4-1)
[2].	<i>Ader</i>	120	4 uder / udir / ader / ttader	(III-4-1)
[3].	<i>Afeg</i>	116	3 ufeg / ufig / afeg / ttafeg	(III-4-1)
[4].	<i>Afel</i>	3	10 ufel / ufil / afel / ttafel	(III-4-1)
[5].	<i>Afes</i>	59	12 ufes / ufis / afes / ttafes	(III-4-1)
[6].	<i>Ag^wed</i>	20	24 gg ^w ed / gg ^w id / ag ^w ed / ttag ^w ad	(III-4-2)
[7].	<i>Agel</i>	16	26 ugel / ugil / agel / ttagel	(III-4-1)
[8].	<i>Agem</i>	3	6 ugem / ugim / agem / ttagem	(III-4-1)
[9].	<i>Aḥel</i>	16	19 uḥel / uḥil / aḥel / ttaḥel	(III-4-1)
[10].	<i>Ajed</i>	162	9 ujed / ujid / ajed / ttajed	(III-4-1)
[11].	<i>Ajer</i>	75	4 ujer / ujir / ajer / ttajer	(III-4-1)
[12].	<i>Aker</i>	59	10 uker / ukir / aker / ttaker	(III-4-1)
[13].	<i>Ali</i>	7	23 uli / ali / ttali	(III-3-2-1)
[14].	<i>Ames</i>	36	26 umes / umis / ames / ttames	(III-4-1)
[15].	<i>Aref</i>	19	5 uref / urif / aref / ttaref	(III-4-1)
[16].	<i>Arji</i>	167	6 urji / arji / ttarji	(III-3-2-1)
[17].	<i>Aru</i>	31	29 uru / aru / ttaru	(III-3-2-1)
[18].	<i>Aser</i>	274	105 user / usir / aser / ttaser	(III-4-1)

[19].	Ass	7	20 uss / ass / ttass	(III-3-2-1)
[20].	Awı	16	25 iwwı / awı / ttawı	(III-3-2-1)
[21].	Ayzeġ	22	18 ayzeġ / ttayzag	(III-2-13)
[22].	Ay	4	21 uyi / ay / ttay	(III-3-2-1)
[23].	Ayer	102	15 uyer / uyir / ayer / ttayer	(III-4-1)
[24].	Ban	22	13 ban / tteban	(III-2-8)
[25].	Bberken	39	21 bberken / tteberkin	(III-2-24)
[26].	Bbi	16	37 bbi / ttebbi	(III-2-8)
[27].	Bbutreġ	330	2 bbutreġ / ttbutriġ	(III-2-24)
[28].	Bdu	7	40 bdu / beddu	(III-2-32)
[29].	Bða	7	40 bða / beðða	(III-2-32)
[30].	Bedd	33	3 bedd / ttebedda	(III-2-9)
[31].	Beddel	20	25 beddel / ttebeddal	(III-2-13)
[32].	Beggen	306	28 beggen / ttebeggan	(III-2-13)
[33].	Bekker	75	11 bekker / ttebkkar	(III-2-13)
[34].	Berka	306	38 berka / tteberka	(III-2-8)
[35].	Berqec	128	9 berqec / tteberqac	(III-2-13)
[36].	Berreġ	334	3 erreġ / ttberraġ	(III-2-13)
[37].	Berrem	334	16 berrem / ttberram	(III-2-13)
[38].	Beṭṭel	120	7 beṭṭel / ttebeṭṭal	(III-2-13)
[39].	Bha	101	3 bha / bhi / behha	(III-3-1-7)
[40].	Bla	117	15 bla / bli / bella	(III-3-1-7)

[41].	Bley	133	1 bley / bliy / belley	(III-3-1-7)
[42].	Bred	23	22 bred / brid / berred	(III-3-1-7)
[43].	Bri	7	50 bri / berri	(III-2-32)
[44].	Bxel	272	22 bxel / bxil / bexxel	(III-3-1-7)
[45].	Bzeg	30	11 bzeg / bzig / bezzeg	(III-3-1-7)
[46].	Bæd	38	5 bæd / bæid / ttbæid	(III-3-1-5)
[47].	Byeḏ	276	163 byeḏ / byiḏ / beyyeḏ	(III-3-1-7)
[48].	Cab	272	20 cab / ttcab	(III-2-8)
[49].	Cabeh	356	51 cabeh / ttcabah	(III-2-13)
[50].	Caḏ	274	95 caḏ / ttcad	(III-2-8)
[51].	Cahed	162	2 cahed / ttcahad	(III-2-13)
[52].	Cala	325	17 cala / ttcala	(III-2-8)
[53].	Cawer	99	7 cawer / ttcawar	(III-2-13)
[54].	Cax	278	238 cax / ttcax	(III-2-8)
[55].	Ccercer	7	6 ccercer / ttcercur	(III-2-22)
[56].	Cegged	36	5 cegged / ttceggad	(III-2-13)
[57].	Ceggeε	28	2 ceggeε / ttceggæ	(III-2-13)
[58].	Cekkel	173	4 cekkel / ttcekkal	(III-2-13)
[59].	Celleḏ	273	64 celled / ttcellad	(III-2-13)
[60].	Cerref	99	6 cerref / ttcerraf	(III-2-13)
[61].	Cerrek	38	2 cerrek / ttcerrak	(III-2-13)
[62].	Cfeε	187	7 cfeε / cfie / ceffeε	(III-3-1-7)

[63].	<i>Cḥed</i>	330	3 cḥed / cḥid / cehḥed	(III-3-1-7)
[64].	<i>Cḥed</i>	30	19 cḥed / cḥid / cehḥed	(III-3-1-7)
[65].	<i>Cih</i>	36	24 cih / ttcih	(III-2-8)
[66].	<i>Crak</i>	292	25 crak / ttcra	(III-2-9)
[67].	<i>Cugger</i>	123	6 cugger / ttcuggar	(III-2-13)
[68].	<i>Cukk</i>	102	18 cukk / ttcukka	(III-2-9)
[69].	<i>Cumm</i>	186	4 cumm / ttcumma	(III-2-9)
[70].	<i>Ččar</i>	334	7 ččur / ččar / ttččara	(III-3-2-2)
[71].	<i>Ččel</i>	30	23 ččel / ččil / teččel	(III-3-1-1)
[72].	<i>Čenčen</i>	33	8 čenčen / ttčenčin	(III-2-14)
[73].	<i>Dawel</i>	49	21 dawel / ttdawal	(III-2-13)
[74].	<i>Dawi</i>	25	4 dawī / ttdawī	(III-2-8)
[75].	<i>Dded</i>	51	7 dded / ddid / ttedded	(III-3-1-1)
[76].	<i>Ddehber</i>	272	28 ddehber / tdehbbar	(III-2-26)
[77].	<i>Ddehem</i>	57	4 ddehem / tedehma	(III-2-7)
[78].	<i>Dden</i>	104	4 dden / ddin / ttedden	(III-3-1-1)
[79].	<i>Ddez</i>	326	55 ddez / ddiz / tteddez	(III-3-1-1)
[80].	<i>Ddfa</i>	292	28 ddfa / ttedfa	(III-2-19)
[81].	<i>Debdeb</i>	142	9 debdeb / ttedebdub	(III-2-15)
[82].	<i>Del</i>	104	4 dla / dli / del / ddal	(III-4-1-6)
[83].	<i>Derrer</i>	36	14 derrer / ttederrar	(III-2-13)
[84].	<i>Dker</i>	41	14 dker / dkir / dekker	(III-3-1-7)

[85].	Drem	117	11 drem / drim / derrem	(III-3-1-7)
[86].	Dru	167	3 dru / derru	(III-2-32)
[87].	Duwer	36	19 duwer / ttduwar	(III-2-13)
[88].	Ḑafs	141	6 Ḑafs / Ḑeffes	(III-2-34)
[89].	Ḑal	30	26 Ḑal / tḐal	(III-2-8)
[90].	Ḑaher	110	1 Ḑaher / tḐahar	(III-2-13)
[91].	Ḑḑerḑeq	273	70 Ḑḑerḑeq / tḐḑerḑiq	(III-2-24)
[92].	Ḑell	57	3 Ḑell / tḐedella	(III-2-9)
[93].	Ḑes	107	7 Ḑsi / Ḑes / Ḑess	(III-3-2-16)
[94].	Ḑlem	150	7 Ḑlem / Ḑlim / Ḑellem	(III-3-1-7)
[95].	Ḑna	156	10 Ḑni / Ḑenn	(III-2-32)
[96].	Ḑreh	156	1 Ḑreh / Ḑriḥ / Ḑerreh	(III-3-1-7)
[97].	Ḑren	25	15 Ḑren / Ḑerren	(III-2-32)
[98].	Ḑreg	326	35 Ḑreg / Ḑrig / Ḑerreg	(III-3-1-7)
[99].	Ḑugger	107	10 Ḑugger / Ḑuggur / tḐuggar	(III-3-3-1)
[100].	Eg	3	12 gi / eg/ ttegg	(III-3-2-12)
[101].	Egg^w	3	14 gg ^w i / egg ^w / ttegg ^w	(III-3-2-1)
[102].	Eğğ	19	6 ğğa / ğği / eğğ / ttağğa	(III-3-2-13)
[103].	Ekk	274	104 kki / ekk / ttekk	(III-3-2-1)
[104].	Enw	8	55 nwa / nwi / enw / ttnan	(III-3-2-11)
[105].	Eny	72	10 nya / nyi / eny / ttnay	(III-3-2-15)
[106].	Enz	30	2 nza / nzi / enz / ttnuz	(III-3-2-14)

[107].	Ers	23	27 rsa / rsi / ers / ttrus	(III-3-2-14)
[108].	Exs	8	54 exs / ttexs	(III-2-8)
[109].	Ezd	6	1 zdi / ezd / zzad	(III-3-2-6)
[110].	Eyz	164	1 yzi / eyz / yyaz	(III-3-2-6)
[111].	Fat	64	4 fat / ttefat	(III-2-8)
[112].	Fder	20	15 fder / fdir / fedder	(III-3-1-7)
[113].	Fel	10	12 fli / fel / ffal	(III-3-2-6)
[114].	Felcex	77	2 felcex / ttfelcax	(III-2-13)
[115].	Felleq	39	10 felleq / ttfellaq	(III-2-13)
[116].	Ferd	7	35 ferđ / friđ / ferređ	(III-3-1-7)
[117].	Ferreq	306	41 ferreq / ttferraq	(III-2-13)
[118].	Ferrey	23	21 furrey / tteferray	(III-2-13)
[119].	Fessex	46	5 fessex / ttfessax	(III-2-13)
[120].	Ffad	55	2 ffud / ffad / ttfada	(III-3-1-2)
[121].	Ffurej	139	6 ffurej / ttfurrij	(III-2-27)
[122].	Ffurrem	291	8 ffurrem / ttfurrim	(III-2-24)
[123].	Flilli	308	16 flilli / tteflilli	(III-2-8)
[124].	Fređ	104	3 fređ / friđ / ferređ	(III-3-1-7)
[125].	Fres	305	13 fres / fris / ferres	(III-3-1-7)
[126].	Ffurri	39	23 furri / ttefurri	(III-2-8)
[127].	Fsa	46	13 fsa / fsi / fessa	(III-3-1-7)
[128].	Fseđ	153	8 fseđ / fsiđ / fesseđ	(III-3-1-7)

[129].	Fser	64	13 fser / fsir / fesser	(III-3-1-7)
[130].	Fsi	156	13 fsi / fessi	(III-2-32)
[131].	Fteḥ	306	33 fteḥ / ftiḥ / fetteḥ	(III-3-1-7)
[132].	Ftek	33	9 ftek / ftik / fettek	(III-3-1-7)
[133].	Ftel	4	19 ftel / ftıl / fettel	(III-3-1-7)
[134].	Ftuttek	25	13 ftuttek / tteftuttik	(III-2-14)
[135].	Fugger	22	17 Fugger / ttefuggar	(III-2-13)
[136].	Futi	178	2 futi / ttfuti	(III-2-8)
[137].	Gemmen	19	12 gemmen / ttegemman	(III-2-13)
[138].	Ger	7	15 gri / ger / ggar	(III-3-2-6)
[139].	Gezgeε	292	31 gezgeε / ttgezgaε	(III-2-13)
[140].	Geεmez	30	7 geεmez / ttegeεmaz	(III-2-13)
[141].	Ggeεmer	13	15 ggeεmer / tteggeεmir	(III-2-14)
[142].	Ggergeb	334	13 ggergeb / ttgergub	(III-2-22)
[143].	Ggill	87	3 ggill / ttgilla	(III-2-7)
[144].	Ggir	12	12 ggir / ggur	(III-2-35)
[145].	Ggisi	33	18 ggisi / ttgisay	(III-2-10)
[146].	Ggiwen	275	138 ggiwen / ttegawan	(III-2-18)
[147].	Ggumma	33	11 ggummi / tteggumma	(III-2-12)
[148].	Glawā	64	8 glawī / tteglawī	(III-2-8)
[149].	Gni	41	9 gni / genni	(III-2-32)
[150].	Gzem	117	13 gzem / gzim / gezzem	(III-3-1-7)

[151].	<i>Ġehhez</i>	136	2 ġehhez / ttġehhaz	(III-2-13)
[152].	<i>Ġġel</i>	150	12 ġġel / ġġil / teġġel	(III-3-1-1)
[153].	<i>Hawed</i>	89	2 hawed / tthawad	(III-2-13)
[154].	<i>Hefhef</i>	274	86 hefhaf / tthefhif	(III-2-14)
[155].	<i>Heggi</i>	12	1 heggi / ttheggi	(III-2-8)
[156].	<i>Hemmel</i>	117	8 hemmel / tthemmal	(III-2-13)
[157].	<i>Herres</i>	274	93 herres / tt Herras	(III-2-13)
[158].	<i>Hezgel</i>	49	17 hezgel / tthezgal	(III-2-13)
[159].	<i>Huzz</i>	64	1 huzz / tthuzza	(III-2-9)
[160].	<i>Ħaseb</i>	277	212 ħaseb / tħasab	(III-2-13)
[161].	<i>Ħebu</i>	107	8 ħbu / ħebbu	(III-2-32)
[162].	<i>Ħeḍer</i>	23	32 ħeḍer / ħeḍir / ħeḍḍer	(III-3-1-7)
[163].	<i>Ħeġġer</i>	117	9 ħeġġer / ttheġġar	(III-2-13)
[164].	<i>Ħerrem</i>	57	11 ħerrem / tħerram	(III-2-13)
[165].	<i>Ħesses</i>	275	117 ħesses / tħessas	(III-2-13)
[166].	<i>Ħeṭṭer</i>	306	30 ħeṭṭer / tħeṭṭar	(III-2-13)
[167].	<i>Ħfeḍ</i>	305	5 ħfeḍ / ħfiḍ / ħeffeḍ	(III-3-1-7)
[168].	<i>Ħibb</i>	99	8 ħibb / tħiba	(III-2-25)
[169].	<i>Ħiġġ</i>	189	4 ħiġġ / tħiġġa	(III-2-9)
[170].	<i>Ħla</i>	13	25 ħla / ħli / tħiħla	(III-3-1-4)
[171].	<i>Ħles</i>	141	4 ħles / ħlis / ħelles	(III-3-1-7)
[172].	<i>Ħma</i>	19	4 ħma / ħmi / ħemma	(III-3-1-7)

[173].	<i>Hmel</i>	150	1 hmel / hmil / hemmel	(III-3-1-7)
[174].	<i>Hreq</i>	69	5 hreq / hriq / herreq	(III-3-1-7)
[175].	<i>Hrez</i>	55	3 hrez / hriz / herrez	(III-3-1-7)
[176].	<i>Hseb</i>	136	5 hseb / hsib / hesseb	(III-3-1-7)
[177].	<i>Hser</i>	181	5 xser / xsir / xesser	(III-3-1-7)
[178].	<i>Hwaj</i>	89	4 hwaj / tthwaja	(III-2-9)
[179].	<i>Hwes</i>	144	1 hwes / ttehwes	(III-2-8)
[180].	<i>If</i>	30	1 if / ttif	(III-2-8)
[181].	<i>Il</i>	276	164 ili / il / ill	(III-3-2-16)
[182].	<i>Ill</i>	107	4 ill / ila / ili	(III-3-3-1)
[183].	<i>Ini</i>	7	38 nni / ini / qqar	(III-3-2-7)
[184].	<i>Irar</i>	20	22 irar / ttirar	(III-2-8)
[185].	<i>Ired</i>	10	3 ired / irid / irrad	(III-3-1-8)
[186].	<i>Irid</i>	3	15 irid / ttirid	(III-2-8)
[187].	<i>Irzag</i>	64	12 irzag / ttirzag	(III-2-8)
[188].	<i>Izag</i>	7	47 izag / ttizag	(III-2-8)
[189].	<i>Iylay</i>	69	4 iylay / ttiylay	(III-2-8)
[190].	<i>Ielay</i>	64	10 ielay / ttiealay	(III-2-8)
[191].	<i>Jall</i>	130	3 gğull / gğall / ttjalla	(III-3-1-2)
[192].	<i>Jbed</i>	16	24 jbed / jbid / jebbed	(III-3-1-7)
[193].	<i>Jber</i>	327	73 jber / jbiri / jebber	(III-3-1-7)
[194].	<i>Jelled</i>	325	30 jelled / ttjellad	(III-2-13)

[195].	Jemmem	113	2 jemmem / ttjemmam	(III-2-13)
[196].	Jerred	274	106 jerred / ttjerrad	(III-2-13)
[197].	Jerred	62	2 jerred / ttjerrad	(III-2-13)
[198].	Jmel	23	31 jmel / jmil / jemmell	(III-3-1-7)
[199].	Jref	43	2 jref / jrif / jerref	(III-3-1-7)
[200].	Jwa	277	201 jwa / jwi / jewwa	(III-3-1-7)
[201].	Kebber	326	40 kebbber / ttkebbbar	(III-2-13)
[202].	Keffen	164	3 keffen / ttkeffan	(III-2-13)
[203].	Kel	19	14 kli / kel / kkal	(III-3-2-16)
[204].	Kellel	34	25 kellel / ttcellal	(III-2-13)
[205].	Kerker	292	32 kerker / ttkerkur	(III-2-15)
[206].	Kerreb	46	9 kerreb / ttkerreb	(III-2-13)
[207].	Kerrer	41	13 kerrer / ttkerreb	(III-2-13)
[208].	Ketter	292	15 ketter / ttkettar	(III-2-13)
[209].	Kfu	181	4 kfu / keffu	(III-2-32)
[210].	Kker	15	4 kker / kkir / ttenkar	(III-3-1-6)
[211].	Kutt	4	17 tkutt / ttcutta	(III-2-9)
[212].	Ktal	51	16 ktal / ttektala	(III-2-9)
[213].	Kmel	150	9 kmel / kmil / ttkmil	(III-3-1-5)
[214].	Kmes	104	7 kmes / kmis / kemmes	(III-3-1-7)
[215].	Kmez	101	7 kmez / kmiz / kemmez	(III-3-1-7)
[216].	Knef	275	115 knef / knif / kennef	(III-3-1-7)

[217].	<i>Knunneḏ</i>	127	4 knunneḏ / tteknunniḏ	(III-2-14)
[218].	<i>Kref</i>	272	40 kref / krif / kerref	(III-3-1-7)
[219].	<i>Kreh</i>	150	2 kreh / kreh / kerreh	(III-3-1-7)
[220].	<i>Krez</i>	41	11 krez / kriz / kerrez	(III-3-1-7)
[221].	<i>Kri</i>	91	3 kri / kerri	(III-2-32)
[222].	<i>Kteb</i>	107	2 kteb / ktib / ketteb	(III-3-1-7)
[223].	<i>Lal</i>	101	6 lul / lal / tlala	(III-3-2-2)
[224].	<i>Laqef</i>	162	5 laqef / tllaqaf	(III-2-13)
[225].	<i>Laqqa</i>	87	5 laqqa / laqqi / tllaqqa	(III-3-1-1)
[226].	<i>Laya</i>	15	6 laya / tlaya	(III-2-8)
[227].	<i>Lfey</i>	114	11 lfey / lfiy / leffey	(III-3-1-7)
[228].	<i>Lha</i>	107	6 lha / lhi / lehha	(III-3-1-7)
[229].	<i>Lḥeq</i>	130	7 lḥeq / lḥiq / leḥḥeq	(III-3-1-7)
[230].	<i>Li</i>	59	4 la / tla	(III-2-12)
[231].	<i>Llaḏ</i>	43	7 llaḏ / llaz / tllaḏa	(III-3-1-2)
[232].	<i>Llef</i>	30	13 llef / llif / tlellef	(III-3-1-1)
[233].	<i>Llem</i>	10	10 llem / lim / tlellem	(III-3-1-1)
[234].	<i>Lleqleq</i>	274	97 lleqleq / tleqluq	(III-2-22)
[235].	<i>Llexlex</i>	308	15 llexlex / llexlax	(III-2-4)
[236].	<i>Llexs</i>	36	9 llexs / tllexsa	(III-2-9)
[237].	<i>Llil</i>	67	2 llil / tlala	(III-2-21)
[238].	<i>Llukkem</i>	159	7 llukkem / tluukkim	(III-2-24)

[239].	Lqeh	72	7 lqeh / lqih / leqqeh	(III-3-1-7)
[240].	Lseq	36	15 lseq / lsiq / lesseq	(III-3-1-7)
[241].	Ltef	159	11 ltef / ltif / lettef	(III-3-1-7)
[242].	Mal	292	29 mal / ttmal	(III-2-8)
[243].	Mced	10	15 mced / mciđ / mecced	(III-3-1-7)
[244].	Mdi	57	9 mdi / meddi	(III-2-32)
[245].	Melleh	23	23 melleh / ttmellah	(III-2-13)
[246].	Mellex	41	3 mellex / ttemellax	(III-2-13)
[247].	Mess	23	26 mess / tmess	(III-2-8)
[248].	Messa	276	161 messa / tmessa	(III-2-8)
[249].	Mezzeq	117	14 mezzeq / ttmezzaq	(III-2-13)
[250].	Mher	150	4 mher / mhir / mehher	(III-3-1-7)
[251].	Mhi	31	27 mha / mehha	(III-2-32)
[252].	Mizer	330	7 mizer / mizir	(III-2-3)
[253].	Mmet	8	62 mmut / mmet / ttemta (ttemti)	(III-3-1-2)
[254].	Mminzu	46	16 mminzu / tteminzu	(III-2-19)
[255].	Mmir	7	43 mmir / ttmmira	(III-2-9)
[256].	Mmug	6	11 mmug / ttmuga	(III-2-9)
[257].	Mmuz	46	17 mmuz / ttemuzza	(III-2-20)
[258].	Mra	153	7 mri / merri	(III-2-32)
[259].	Mred	113	9 mred / mriđ / merred	(III-3-1-7)

[260].	Mseg	123	3 mseg / msig / messeg	(III-3-1-7)
[261].	Msel	36	1 msel / msil / messel	(III-3-1-7)
[262].	Muleḥ	23	25 muleḥ / ttmuliḥ	(III-2-14)
[263].	Muss	159	20 muss / ttmussa	(III-2-9)
[264].	Myel	325	42 myel / myil / meyyel	(III-3-1-7)
[265].	Naḡi	131	9 naḡi / ttnaḡi	(III-2-8)
[266].	Naqel	59	7 naqel / ttnaqal	(III-2-13)
[267].	Naseb	292	19 naseb / ttnasab	(III-2-13)
[268].	Nazee	162	6 nazee / ttnazae	(III-2-13)
[269].	Nced	189	3 nced / ncid / necced	(III-3-1-7)
[270].	Ncef	31	25 ncef / ncif / ttencif	(III-3-1-5)
[271].	Nḡeḡ	153	4 nḡeḡ / nḡiḡ / nedḡeḡ	(III-3-1-7)
[272].	Nḡel	162	10 nḡel / nḡil / nedḡel	(III-3-1-7)
[273].	Nḡurr	159	6 nḡurr / ttendurra	(III-2-9)
[274].	Ney	57	8 nḡi / ney / neyy	(III-3-2-17)
[275].	Nfeḡ	274	87 nfeḡ / nfiḡ / neffed	(III-3-1-7)
[276].	Nfeq	330	8 nfeq / nfiq / neffeq	(III-3-1-7)
[277].	Nfec	33	12 nfec / ttenfeca	(III-2-9)
[278].	Nfee	156	9 nfee / nfiε / neffee	(III-3-1-7)
[279].	Nhi	184	7 nhi / nehhi	(III-2-32)
[280].	Nheḡ	162	8 nheḡ / nhiḡ / nehhaḡ	(III-3-1-8)
[281].	Nnam	82	2 nnum / nnam / ttnama	(III-3-1-2)

[282].	<i>Nneḍ</i>	16	34 nneḍ / nniḍ / ttenneḍ	(III-3-1-1)
[283].	<i>Nnekmec</i>	315	7 nnekmec / tnekmac	(III-2-23)
[284].	<i>Nneqceε</i>	292	35 nneqceε / tneqcae	(III-2-23)
[285].	<i>Nnexcel</i>	292	37 nnexcel / ttnexcal	(III-2-23)
[286].	<i>Nnexleε</i>	292	36 nnexleε / ttnexlaε	(III-2-23)
[287].	<i>Nnser</i>	82	3 nnser / ttnesir	(III-2-24)
[288].	<i>Nnuddem</i>	19	2 nnuddem / ttnuddim	(III-2-24)
[289].	<i>Nnuγ</i>	116	7 nnuγ / ttnuγ	(III-2-8)
[290].	<i>Nqer</i>	87	6 nqer / nqir / neqquer	(III-3-1-7)
[291].	<i>Nqes</i>	276	175 nqes / nqis / ttenqis	(III-3-1-5)
[292].	<i>Nseḥ</i>	184	8 nseḥ / nsiḥ / nesseḥ	(III-3-1-7)
[293].	<i>Nser</i>	184	6 nser / nsir / nesser	(III-3-1-7)
[294].	<i>Ntehella</i>	292	27 ntehella / ttentehella	(III-2-8)
[295].	<i>Ntqel</i>	273	49 ntqel / tnqal	(III-2-36)
[296].	<i>Nxi</i>	7	42 nxi / nexxi	(III-2-32)
[297].	<i>Nzel</i>	181	1 nzel / nzil / nezzel	(III-3-1-7)
[298].	<i>Qadi</i>	175	1 qadi / ttqadi	(III-2-8)
[299].	<i>Qaqa</i>	104	4 qaqa / ttqaqa	(III-2-8)
[300].	<i>Qbel</i>	292	26 qbel / qbil / qebbel	(III-3-1-7)
[301].	<i>Qḍa</i>	92	6 qḍa / qḍi / qedḍa	(III-3-1-7)
[302].	<i>Qeccer</i>	326	37 qeccer / ttqeccar	(III-2-13)
[303].	<i>Qedd</i>	25	11 qedd / ttqedd	(III-2-8)

[304].	<i>Qefqef</i>	326	54 qefqef / ttqefqif	(III-2-14)
[305].	<i>Qeggem</i>	178	4 qeggem / ttqeggam	(III-2-13)
[306].	<i>Qell</i>	13	35 qell / ttqell	(III-2-8)
[307].	<i>Qemmeḍ</i>	104	6 qemmeḍ / qemmaḍ	(III-2-4)
[308].	<i>Qerres</i>	127	6 qerres / ttqerras	(III-2-13)
[309].	<i>Qessel</i>	46	11 qessel / ttqessal	(III-2-13)
[310].	<i>Qeṭṭer</i>	156	12 qeṭṭer / ttqeṭṭar	(III-2-13)
[311].	<i>Qezzer</i>	272	31 qezzer / ttqezzar	(III-2-13)
[312].	<i>Qfel</i>	116	6 qfel / qfil / qeffel	(III-3-1-7)
[313].	<i>Qirr</i>	306	34 qirr / ttqirra	(III-2-9)
[314].	<i>Qleε</i>	55	5 qleε / qliε / qelleε	(III-3-1-7)
[315].	<i>Qra</i>	41	12 qra / qerra	(III-2-32)
[316].	<i>Qref</i>	159	4 qref / qrif / qerref	(III-3-1-7)
[317].	<i>Qqar</i>	12	3 qqur / qqar / tteyara	(III-3-2-4)
[318].	<i>Qqed</i>	39	18 qqed / qqid / ttqqed	(III-3-1-1)
[319].	<i>Qqel</i>	271	5 qqel / qqil / teqqel	(III-3-1-1)
[320].	<i>Qqim</i>	7	30 qqim / ttyima	(III-2-28)
[321].	<i>Qqen</i>	10	6 qqen / qqin / tteqqen	(III-3-1-1)
[322].	<i>Qqerqeb</i>	326	49 qqerqeb / ttqerqub	(III-2-22)
[323].	<i>Qqes</i>	159	1 qqes / qqis / tteqqes	(III-3-1-1)
[324].	<i>Qreḍ</i>	292	17 qreḍ / qriḍ / qerreḍ	(III-3-1-7)
[325].	<i>Rabe</i>	49	18 rabe / ttrabe	(III-2-8)

[326].	Rađi	131	11 rađi / ttrađi	(III-2-8)
[327].	Raja	23	28 raja / ttraja	(III-2-8)
[328].	Raw	15	2 raw / ttiraw	(III-2-11)
[329].	Raεa	23	24 raεa / ttraεa	(III-2-8)
[330].	Ranğa	305	20 ranğa / ttranğa	(III-2-8)
[331].	Rbeḥ	334	4 rbeḥ / rbiḥ / rebbeḥ	(III-3-1-7)
[332].	Rcel	99	1 rcel / rcil / reccel	(III-3-1-7)
[333].	Rceq	16	15 rceq / rciq / recceq	(III-3-1-7)
[334].	Rci	64	5 rci / recci	(III-2-32)
[335].	Rḏeb	77	4 rḏeb / rḏib / reḏḏeb	(III-3-1-7)
[336].	Rḏel	49	8 rḏel / rḏil / reḏḏel	(III-3-1-7)
[337].	Reg	10	7 rgi / Erg / rag	(III-3-2-6)
[338].	Reḥḥeb	305	22 reḥḥeb / ttreḥḥab	(III-2-13)
[339].	Reqreq	104	4 reqreq / requq	(III-2-4)
[340].	Retteb	305	23 retteb / ttrettab	(III-2-13)
[341].	Rey	39	16 ryi / rey / reyy	(III-3-2-17)
[342].	Rfed	46	12 rfed / rfid / reffed	(III-3-1-7)
[343].	Rjiji	274	80 rjiji / tterjiji	(III-2-8)
[344].	Rkeb	72	10 rkeb / rkib / rekkeb	(III-3-1-7)
[345].	Rkeḏ	130	8 rkeḏ / rkid / rekkeḏ	(III-3-1-7)
[346].	Rkel	123	1 rkel / rkil / rekkel	(III-3-1-7)
[347].	Rkee	184	4 rkee / rkie / rekkee	(III-3-1-7)

[348].	Rmes	75	3 rmes / rmis / remmes	(III-3-1-7)
[349].	Rni	173	7 rni / renni	(III-2-32)
[350].	Rqem	13	32 reqem / reqim / reqqem	(III-3-1-7)
[351].	Rqes	139	2 rques / rqis / reqqes	(III-3-1-7)
[352].	Rugel	30	3 rugel / ttrugil	(III-2-14)
[353].	Ruggweḥ	75	12 ruggweḥ / truggwaḥ	(III-2-13)
[354].	Rwa	275	137 rwa / rwi / rewwa	(III-3-1-7)
[355].	Rzeg	278	235 rzeg / rzig / rezzeg	(III-3-1-7)
[356].	Rzem	33	1 rżem / rżim / rezzem	(III-3-1-7)
[357].	Sab	278	228 sab / ttsab	(III-2-8)
[358].	Safer	85	2 safer / ttsafar	(III-2-13)
[359].	Sama	274	100 Sama / ttsama	(III-2-8)
[360].	Sameḥ	306	40 sameḥ / ttsamaḥ	(III-2-13)
[361].	Sawa	3	2 sawa / sawi / ttsawa	(III-3-1-1)
[362].	Sbeḥ	274	92 sbeḥ / sbiḥ / sebbeḥ	(III-3-1-7)
[363].	Sbey	13	27 sbey / sbiy / sebbey	(III-3-1-7)
[364].	Sebbeb	153	12 sebbeb / ttsebbab	(III-2-13)
[365].	Seddeq	167	1 seddeq / ttseddaq	(III-2-13)
[366].	Seffa	30	20 seffa / seffi / ttseffa	(III-3-1-1)
[367].	Seḥḥ	272	19 seḥḥ / ttseḥḥ	(III-2-8)
[368].	Seḥḥer	186	9 seḥḥer / ttseḥḥar	(III-2-13)
[369].	Sel	33	7 sli / sel / sell	(III-3-2-17)

[370].	Sellek	150	8 sellek / ttsellak	(III-2-13)
[371].	Sellem	183	2 sellem / ttsellam	(III-2-13)
[372].	Semma	43	13 semmi / ttsemmi	(III-2-8)
[373].	Semmec	41	10 semmec / ttsemmac	(III-2-13)
[374].	Semmer	67	8 semmer / ttsemmar	(III-2-13)
[375].	Senner	136	4 senner / ttsennar	(III-2-13)
[376].	Seqqa	23	30 seqqa / ttseqqa	(III-2-8)
[377].	Seqqef	130	1 seqqef / ttseqqaf	(III-2-13)
[378].	Serreḥ	277	200 serreḥ / ttserrah	(III-2-13)
[379].	Sew	31	28 swi / sew / ess	(III-3-2-10)
[380].	Sfa	51	13 sfa / sfi / seffa	(III-3-1-7)
[381].	Sfeḍ	104	2 sfed / sfid / seffed	(III-3-1-7)
[382].	Shel	49	3 shel / shil / tsehil	(III-3-1-2)
[383].	Sher	187	8 sher / shir / sehher	(III-3-1-7)
[384].	Sken	305	9 sken / skin / sekken	(III-3-1-7)
[385].	Sleḥ	51	12 sleḥ / slih / selleḥ	(III-3-1-7)
[386].	Slek	274	111 slek / slik / sellek	(III-3-1-7)
[387].	Smeḍ	23	22 smeḍ / smiḍ / ttesmiḍ	(III-3-1-5)
[388].	Sref	167	5 sref / srif / serref	(III-3-1-7)
[389].	Ssekk	275	136 ssekk / ssekka	(III-2-1)
[390].	Sseggiwen	326	30 sseggiwen / ssegawan	(III-2-37)
[391].	Ssen	43	16 ssen / ssin / ttesen	(III-3-1-5)

[392].	Ssen	72	10 ssen / ssena	(III-2-1)
[393].	Sser	43	6 sser / ssir / tesser	(III-3-1-1)
[394].	Sserhem	167	4 sserhem / sserham	(III-2-4)
[395].	Sseyed	43	5 sseyed / sseyad	(III-2-4)
[396].	Sseyret	110	3 sseyret / sseyrut	(III-2-4)
[397].	Ssignu	175	2 ssignu / ssignaw	(III-2-2)
[398].	Ssilhet	162	4 ssilhet / ssalhat	(III-2-6)
[399].	Ssiwel	139	7 ssiwel / ssawal	(III-2-6)
[400].	Sstehel	186	3 sstehel / sstehal	(III-2-4)
[401].	Ssu	10	4 ssu / ttessu	(III-2-8)
[402].	Ssuḍḍ	30	14 ssuḍḍ / ssuḍḍa	(III-2-1)
[403].	Ssufes	159	21 ssufes / ssufis	(III-2-3)
[404].	Ssukken	150	3 ssukken / ssukkin	(III-2-3)
[405].	Ssummer	341	34 ssummer / ssummir	(III-2-3)
[406].	Ssuref	102	17 ssuref / ssurif	(III-2-3)
[407].	Ssursed	113	10 ssursed / ssursid	(III-2-3)
[408].	Ssusem	184	5 ssusem / ssusum	(III-2-4)
[409].	Ssxuc	326	48 ssxuc / ssxuca	(III-2-1)
[410].	Stahel	306	32 stahel / ttestahal	(III-2-13)
[411].	Stḥi	133	3 stḥi / ttsetḥi	(III-2-8)
[412].	Ssugger	341	5 sugger / ttsuggar	(III-2-13)
[413].	Sulem	325	24 sulem / ttsulim	(III-2-14)

[414].	Surr	308	4 surr / ttsurra	(III-2-9)
[415].	Sus	72	4 sus / ttsus	(III-2-8)
[416].	Suweq	170	5 suweq / ttsuwaq	(III-2-13)
[417].	Tebbet	165	8 tebbet / ttetebbat	(III-2-13)
[418].	Terjem	181	13 terjem / tteterjam	(III-2-13)
[419].	Timm	181	7 timm / ttetimma	(III-2-9)
[420].	Tsal	128	7 Tsal	(III-1-1)
[421].	Ttinit	101	2 Ttinit	(III-1-1)
[422].	Tteka	291	11 tteka / ttetteka	(III-2-8)
[423].	Ttu	87	8 ttu / ttettu	(III-2-8)
[424].	Tweḍḍa	181	8 tweḍḍa / tweḍḍi / ttweḍḍa	(III-3-1-1)
[425].	Tyurrez	274	73 tyurrez / ttetyurriz	(III-2-14)
[426].	Tæmmed	186	5 tæmmed / ttetæmmad	(III-2-13)
[427].	Ṭæ	308	13 ṭæ / ṭṭæ	(III-2-30)
[428].	Ṭerrec	123	3 ṭerrec / ṭṭerrac	(III-2-31)
[429].	Ṭteḍ	30	14 ṭteḍ / ṭṭiḍ / tetṭeḍ	(III-3-1-1)
[430].	Ṭtef	7	39 ṭtef / ṭṭif / tetṭef	(III-3-1-1)
[431].	Ṭuggel	292	16 ṭuggel / ṭṭuggal	(III-2-31)
[432].	Uc	15	8 uci / uc / utc	(III-3-2-8)
[433].	Uḍu	22	16 uḍu / gedḍu	(III-2-33)
[434].	Uf	28	8 uf / ttuf	(III-2-8)
[435].	Uqqa	75	5 uqqa / uqqi / ttuqqa	(III-3-1-1)

[436].	Urey	110	2 urey / uriy / tturiy	(III-3-1-5)
[437].	Usi	28	10 usi / ttusi	(III-2-8)
[438].	Ut	33	5 uti / ut / ččat	(III-3-2-9)
[439].	Uεa	7	33 uei / uεa / ttuεa	(III-3-1-5)
[440].	Uεer	62	7 uεer / ueir / ttueir	(III-3-1-5)
[441].	Wala	10	13 wala / ttwala	(III-2-8)
[442].	Walem	136	6 walem / ttwalam	(III-2-13)
[443].	Wehher	130	6 wehher / ttuhhar	(III-2-17)
[444].	Wella	19	13 wella / welli / tulla	(III-3-1-3)
[445].	Wsel	46	24 wsel / ttussal	(III-2-17)
[446].	Wexxer	186	2 wexxer / ttuxxar	(III-2-17)
[447].	Xala	326	66 xala / ttxala	(III-2-8)
[448].	Xbec	117	12 xbec / xbic / xebbec	(III-3-1-7)
[449].	Xđi	327	67 xđi / xedđi	(III-2-32)
[450].	Xebbeđ	113	7 xebbeđ / ttxebbađ	(III-2-13)
[451].	Xeggeb	292	18 xeggeb / ttxeggab	(III-2-13)
[452].	Xeleđ	16	22 xeleđ / xeliđ / xelleđ	(III-3-1-7)
[453].	Xelf	173	3 xelf / ttxelf	(III-2-8)
[454].	Xemmel	52	19 xemmel / ttxemmal	III-2-13)
[455].	Xenjer	57	6 xenjer / ttxenjar	(III-2-13)
[456].	Xetter	156	2 xetter / ttxettar	(III-2-13)
[457].	Xla	306	31 xla / xli / xella	(III-3-1-7)

[458].	<i>Xlef</i>	46	14 xlef / xlif / xellef	(III-3-1-7)
[459].	<i>Xleq</i>	72	9 xleq / xliq / xelleq	(III-3-1-7)
[460].	<i>Xmej</i>	113	8 xmej / xmij / xemmej	(III-3-1-7)
[461].	<i>Xneq</i>	292	34 xneq / xniq / xenneq	(III-3-1-7)
[462].	<i>Xreg</i>	130	4 xreg / xrig / xerreg	(III-3-1-7)
[463].	<i>Xsi</i>	107	5 xsi / xessi	(III-2-32)
[464].	<i>Xter</i>	28	5 xter / xtir / ttextir	(III-3-1-5)
[465].	<i>Xtar</i>	128	11 xtar / ttextara	(III-2-9)
[466].	<i>Xzen</i>	52	20 xzen / xzin / xezzen	(III-3-1-7)
[467].	<i>Zdey</i>	59	8 zdey / zdiy / zeddey	(III-3-1-7)
[468].	<i>Zegged</i>	87	7 zegged / ttzeggad	(III-2-13)
[469].	<i>Zeggen</i>	110	5 zeggen / ttzeggan	(III-2-13)
[470].	<i>Zegger</i>	67	10 zegger / ttzeggar	(III-2-13)
[471].	<i>Zekka</i>	189	1 zeka / ttzekka	(III-2-8)
[472].	<i>Zekker</i>	306	47 zekker / ttzekkar	(III-2-13)
[473].	<i>Zemm</i>	64	11 zemm / ttezemm	(III-2-8)
[474].	<i>Zeezeε</i>	292	24 zeezeε / ttzeezaε	(III-2-13)
[475].	<i>Zleg</i>	67	9 zleg / zlig / zelleg	(III-3-1-7)
[476].	<i>Zreε</i>	43	14 zreε / zriε / zerreeε	(III-3-1-7)
[477].	<i>Zuy</i>	39	19 zuy / ttzuy	(III-2-8)
[478].	<i>Zwi</i>	28	3 zwi / zewwi	(III-2-32)
[479].	<i>Zyel</i>	173	5 zyel / zyil / zeyyel	(III-3-1-7)

[480].	Zzebzeḥ	173	2 zzebzeḥ / ttzebzeḥ	(III-2-24)
[481].	Zzehzi	153	10 zzehzi / zzehzay	(III-2-16)
[482].	Zzerreb	59	2 zzerreb / ttezzerrab	(III-2-13)
[483].	Zzeḥ	273	54 zzeḥ / zzeḥ / ttezzeh	(III-3-1-1)
[484].	Zzeḥzem	156	3 zzeḥzem / zzeḥzam	(III-2-4)
[485].	Zzi	19	5 zzi / ttezzi	(III-2-8)
[486].	Zzgert	15	3 zgert / ttezzert	(III-2-24)
[487].	Zzuhret	341	33 zuhret / zuhrit	(III-2-3)
[488].	Zzur	36	22 zur / ttzur	(III-2-9)
[489].	Zzuzzer	51	10 zzuzzer / zzuzzir	(III-2-3)
[490].	Zzuyer	43	17 zzuver / zzuver	(III-2-3)
[491].	Ẓekker	275	113 ẓekker / ttẓekkar	(III-2-13)
[492].	Ẓenẓen	274	75 ẓenẓen / ttẓenẓen	(III-2-8)
[493].	Ẓer	7	27 ẓri / ẓer / ẓerr	(III-3-2-17)
[494].	Ẓuḍ	7	36 ẓuḍ / ẓeggeḍ	(III-2-29)
[495].	Ẓum	186	1 ẓum / ttẓum	(III-2-8)
[496].	Ẓur	153	13 ẓur / ttẓur	(III-2-8)
[497].	Ẓẓal	19	1 ẓẓul / ẓẓal / tteẓalla	(III-3-2-5)
[498].	Ẓzeg	20	16 ẓzeg / ẓzig / Tteẓzeg	(III-3-1-1)
[499].	Ẓzel	7	31 ẓzel / ẓzil / tteẓzel	(III-3-1-1)
[500].	Ẓzeḥ	49	13 ẓzeḥ / ẓzeḥ / tteẓzeḥ	(III-3-1-1)
[501].	Ẓab	277	217 ẓab / ttẓab	(III-2-8)

[502].	Yaḏ	120	8 yaḏ / tṭyaḏ	(III-2-8)
[503].	Yebber	46	1 yebber / tṭyebbar	(III-2-13)
[504].	Yellef	53	2 yellef / tṭyellaf	(III-2-13)
[505].	Yenna	51	1 yenna / yenni / tṭyenna	III-3-1-1)
[506].	Yenni	325	80 Yenni	(III-1-1)
[507].	Yemm	96	8 yemm / tṭyemm	(III-2-8)
[508].	Yerbel	22	15 yerbel / tṭyerbil	(III-2-14)
[509].	Yeṭṭa	39	11 yeṭṭa / tṭyeṭṭa	(III-2-8)
[510].	Yil	272	10 yil / tṭyil	(III-2-8)
[511].	Yli	51	6 yli / yelli	(III-2-32)
[512].	Ymi	46	10 ymi / yemmi	(III-2-32)
[513].	Ymu	77	1 ymu / yemmu	(III-2-32)
[514].	Yres	293	40 yres / yris / yerres	(III-3-1-7)
[515].	Yrirret	273	62 yrirret / tṭeyrirrit	(III-2-14)
[516].	Yutt	291	2 yutt / tṭyutṭa	(III-2-9)
[517].	Ǝac	41	1 Ǝac / tṭeac	(III-2-8)
[518].	Ǝacer	327	71 Ǝacer / tṭeacar	(III-2-13)
[519].	Ǝawed	273	59 Ǝawed / tṭeawad	(III-2-13)
[520].	Ǝayer	272	29 Ǝayer / tṭeayar	(III-2-13)
[521].	Ǝdeb	102	14 Ǝdeb / Ǝḏib / Ǝeḏdeb	(III-3-1-7)
[522].	Ǝdem	165	7 Ǝdem / Ǝḏim / Ǝeḏdem	(III-3-1-7)
[523].	Ǝebba	107	9 Ǝebba / tṭeabba	(III-2-8)

[524].	<i>Ǝedda</i>	271	2 Ǝeddi / ttƎeddi	(III-2-8)
[525].	<i>Ǝebber</i>	15	1 Ǝebber / tteƎebbar	(III-2-13)
[526].	<i>Ǝeccer</i>	189	2 Ǝeccer / tteƎecar	(III-2-13)
[527].	<i>Ǝeddeb</i>	273	47 Ǝeddeb / ttƎeddab	(III-2-13)
[528].	<i>Ǝeddi</i>	16	35 Ǝeddi / ttƎeddi	(III-2-8)
[529].	<i>Ǝeggec</i>	97	12 Ǝeggec / tteƎggac	(III-2-13)
[530].	<i>Ǝeggeḍ</i>	49	16 Ǝeggeḍ / tteƎggaḍ	(III-2-13)
[531].	<i>Ǝellem</i>	43	15 Ǝellem / ttellam	(III-2-13)
[532].	<i>Ǝemez</i>	33	13 Ǝemez / Ǝemiz / Ǝemmez	(III-3-1-7)
[533].	<i>Ǝfu</i>	156	11 Ǝfu / Ǝeffu	(III-2-32)
[534].	<i>Ǝger</i>	326	41 Ǝger / Ǝgir / tteƎgir	(III-3-1-5)
[535].	<i>Ǝjab</i>	133	2 Ǝjab / tteƎjaba	(III-2-9)
[536].	<i>Ǝjel</i>	306	29 Ǝjel / Ǝjil / Ǝejjel	(III-3-1-7)
[537].	<i>Ǝkef</i>	291	12 Ǝkef / Ǝkif / ttƎkif	(III-3-1-5)
[538].	<i>Ǝlef</i>	43	12 Ǝlef / Ǝlif / Ǝellef	(III-3-1-7)
[539].	<i>Ǝlula</i>	116	Ǝlula / ttƎlula	(III-2-8)
[540].	<i>Ǝmer</i>	46	15 Ǝmer / Ǝmir / Ǝemmer	(III-3-1-7)
[541].	<i>Ǝqed</i>	147	3 Ǝqed / Ǝqid / Ǝeqqed	(III-3-1-7)
[542].	<i>Ǝqel</i>	123	5 Ǝqel / Ǝqil / Ǝeqqel	(III-3-1-7)
[543].	<i>Ǝreḍ</i>	110	6 Ǝreḍ / Ǝriḍ / Ǝerreḍ	(III-3-1-7)
[544].	<i>Ǝreq</i>	64	7 Ǝreq / Ǝriq / Ǝerrereq	(III-3-1-7)
[545].	<i>Ǝsar</i>	46	4 Ǝsar / ttiesar	(III-2-11)

[546].	<i>εteq</i>	325	38 εteq / εtiq / εetteq	(III-3-1-7)
[547].	<i>εya</i>	153	6 εyi / εeyyi	(III-2-32)

Agzul

Tazrawt-a d asebded n uwfus n tseftit n tantala tacawit ilmend n yemyagen iherfiyen i yellan deg udlis n **Basset** win i wumi isemma «*Textes berbères de l'Aurès (1961)* ».

Leqdic-a yesɛa assay yer tesnalya d tjerrumt, deg-s tella-d tesleɗt d usismel n yemyagen ilmend n wutɗun n yifeggagen-nsen akked usebded n tfelwiyyin i usefti n yal amyag yer yimqimen udmawanen akked tmezra yellan, neffey-d yer tfelwiyyin n tseftit yemxalafen i yal taggayt n yemyagen.

Yella-d beɗtu n tezrawt-a yef kraɗ n yiɣfawen, iɣef amenzu d iferdisen n tesnarrayt, deg-s yella usisen n usentel n tezrawt d udlis d umaru-is, iɣef wis sin d tizri, deg-s nsegza-d kra inaktiyyen yesɛan assay yer tjerrumt, aladya yer umyag, ma yella d iɣef wis kraɗ, d tasleɗt, deg-s ad naf ummuy n tfelwiyyin timsegziyyin n yal amyag i yesɛan taseftit yemxalafen yef wayeɗ, taseftit d takemmalit, yer wudmawen akked tmezra.

Awalen tisura:

Awfus n tseftit- Taseftit- Amyag- Afeggag.