

TASDAWIT AKLI MUḤEND ULḤAĠ -TUBIRET
TAZEDDAYT N TSEKLIWIN D TUTLAYIN
AGEZDU N TUTLAYT D YIDLES N TMAZIIT



AKATAY N TAGGARA N MASTER

DEG TESNILLEST TAMAZIIT

ASENTEL

**Amawal ayurbiz yettusemrasen deg
udlis aswir alemmas(2)tasuta tis snat**

Tasleḍt tasnalyamkant

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Aseggas asdawan

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Asnemmer

- **Degtazwara ad as-nitanemmirttameqqrant i Massa Lwahabsamiraid-yellan i lmendad-ntey,deguheyyi n tezrawt-a i d ay-d-yefkanafus n talleltsegtazwaraalama d taggara.**
- **Tanemmirt i yimsulya i ay-d-yellintiwura n lemɛawnaakken ma llanama d iselmadenama d inelmaden.**
- **Iselmaden d tselmadin n ugezdu n tutlayt d yidles n tmaziyt n tubiret.**

ABUDDU

Ad buddeyamahil-a :

- ❖ **I baba d yemma fell-i seg-sen id iwḍay yer wassa**
- ❖ **I urgaz-iwεzizen fell-i Ḥamid s yes itecbeḥddunit-iw, i yellanyertamaw-w akked d tawacult-is**
- ❖ **I watmaten-iw i ḥemleyaṯas :Karim, Nabil d teslit-nneySamya d warraw-is I ttεuzuṇezeh.**
- ❖ **I yesetmaεzizen fell-i :Samya,Karima,Nabila, d yergazen-nsent,d warraw-nsent i ḥemleyaṯas.**
- ❖ **I jiddaḌrifaεzizen fell-i akkedεemtittmaniy-asenttudertyezifen.**
- ❖ **I xaliCafiq.**
- ❖ **I temddukkal-iw :**
Kristina,Tamaziyt,Samira,Lydia,Samia,Samah,Kahina,Baxbex,Silia.
- ❖ **I tin yurccerka-y amahil-a Dihya.**
- ❖ **I widakkyefkanidammen-nsenyeftmaziyt.**

fARIDA

ABUDDU

Ad buddeyleqdic-a i :

- ❖ Baba d yemma d nutni i tafat n ddunit-iw.**
- ❖ Atmaten-iw :Hemuc d tmeṭṭut-is d yessi-s,Tahar,Hsen.**
- ❖ Weltma :Saɛdya.**
- ❖ I win id yernan cbaḥa i tudert-iw d netta id kullec-iw: Munir .**
- ❖ Leɛmum-iw, d ɛmumt-iw.**
- ❖ Xwali d xwalati.**
- ❖ Tin xedmey tezrawt-a: Farida.**
- ❖ Timdukkal-iwyellanyer tama-w: Tamaziyt, Samira, Samya, Kahina,Nejwa,Wezna,Fariza,Lidya(A).**

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Isewzal

Asewzel

MD : Amedya.

SB : Asbter.

ATG : Ar taggara.

B.A : Berkai Abdelaziz.

M.M : Mahrazi Mohand.

M.A.H : Mohand Akli Haddadou.

M.M : Mouloud Mammeri.

HCA : Aseqamu unnig n timuzya.

MEN : Ayref n usegmi ayerfan.

Izamulen

- : Ur yesɛi ara.

: : Anamek i yer yettuyal wawal.

« : Yemmal-d yekka-d.

» : Yemmal-d yefka-d.

Tazwert tamatut

« Tutlayt tamaziyt tebda yef waṭas n tantaliwin yettwazuzren deg trakalt, imi tettēf adeg ameqqran deg tefriqt n ugafa, seg ugmud (asammer) di tmurt n Maṣer alama tigzirin tikanariyin deg utaram (amalu) seg yilel agrakal deg ugafa alamma d tamurt Iberkanen deg unḥul almi d tamurt »¹.

Tamaziyt tussa-d s ubrid n timawit almi i d-kker tsuta i s yefkan afud iwakken a d tekcem yer uḥric n tirawit, temhaz yer sdat, acku tekcem srid yer uselmed s tarrayin tatarin am tmura tiyaḍ id-yufraren. S wakka aselmed n tmaziyt ilaq ad as-yettunefk azal meqqren d tezrawt lqayen imi d tutlayt tamaynut deg unagraw n uselmed, ama deg uyerbaz amenzu, alemmas, tasenawit, taseddawit, tettak-d tugna talqayant yettuneḥsaben d agerruj i umdan deg tudert-is.

Tamaziyt ur teqqim ara kan deg uselmed n yiwet n tayult ama d wayen yerzan tigzi n uḍris, tajerrumt, taseftit, tirawalt, asenfali s tira. Tqeddec yef yimawalen n yal tayult aladya awalen yettusemrasen deg yidlisen n yiḥerbazen, awalen-a tbedilen seg tallit yer tayed ney seg tsuta yer tayed.

Amawal ayurbiz yesḥa tixxutert meqqren, anda anelmad ad d-yegmer timusniwin iccuden yer tutlayt, deg-s aṭas n yiswan ama deg tayult n uselmed, ama deg tudert n yal ass sumata. Ma nerra lwelha yer umawal deg uyerbaz ad d-naf d tawil s wayes inelmaden snernayen tizmmer-nsen iwakken ad senfalin akken iwata, s usemres n wayen lemden deg temsirin yezrin.

Anadi-a yeḥna tayult n tesnilest, yerza tasleḍt tasnalḡamkant n umawal ayurbiz deg udlis n uswir alemmas" tasuta tis snat ".

Yebda yef kraḍ n yeḥricen :

¹.MAMMERI Mouloud, Amawal n tmaziyt tartart, CNRPAH, Alger, 2008, P10.

Aħric amezwaru : yerza tasnarrayt, ad d-naœređ ad d-nemeslay yef usissen n udlis, s yen ad d-naf iswi n umahil, tarrayt n unadi, ad d-nawwi awal yef yimsulya, d wuguren id d-nemlal.

Aħric wis sin : d aħric n tezri, ad d-nemeslay yef uselmed n tmaziyt d talliyin-is, ad d-nefk tibatutin yef tmiđranin, d wassayen isnamkanen.

Aħric wis krađ : d aħric n tesleđt anda ad d-naxdem tasleđt n talya d unamek i yal awal id-negmmer seg wammud s yen ad d-nefk igemmađ .

Afran n usentel

Nefren asentel-a “ Amawal ayurbiz deg udlis aswir alemmas tasuta tis snat « tasleđt tasnalyamkant »”. Imi ulac tizrawin s waťas deg ugezdu n Tubiret . Ad d-nessebgen azal n umawal deg uselmed, ad t-id-neseħbiber seg jellu, ad yeqqim i tsuta id iteddun, asnerni d usaħyu n tutlay tamaziyt.

Tamukrist

I wakken ad d-nerr yef iseqsiyen n umahil, nefka-d tamukrist-a:

Llan wassayen isnamkanen deg umawal, ad nessegzi yal awal ad as- nefk talya d unamek-is, ma ugten wawalen ireťtalen.

Turdiwin

Yewwi-d ad nebder kra n turdiwin gar-asen:

Ahat tuget n wawalen-a mačči dinařliyen .

Yezmer tuget n umawal-a d ireťtalen .

Ahat ur yettili ara umgired s waťas ger yinumak n yisegzawalen d wid n yimsulya.

Aḥric n tesnarrayt

Tazwert

Aḥric n tesnarrayt yesεa amur di myal anadi ussnan, ad d- nemeslay yef wayen yerzan leqdic-a : asissen n udlis, iswi n unad, tarrayt n unadi, awal yef yimsulya, yur-s ad d-nebder uguren id d-nemlal .

1-Asissen n udlis almud alemmas aswir wis 2

Ass-a tutlayt tamaziyt tsummad akk iḥricen n tussna, ama d wayen yerzan tadamsa, agama, timetti atg. Nefren tazrawt yef udlis amaynut : Adlis n tmaziyt aseggas wis sin n ulmud alemmas. Adlis-a yettwahega-d s lmendad n yimeskaren gar-asen imaswaḍen d yiselmaden, akken id-llan yismawen-nsen deg "Tiferket n tiḍeft "n udlis-a aswir alemmas :

Yaḥya Bellil : Amaswaḍ n uyerbaz alemmas.

Σli Lewnis : Amaswad n uyerbaz alemmas.

Remḍan Εacur : Aselmad n tsedawit.

Nabila Ḥalit : Taselmadt n uyerbaz alemmas.

Lḥafiḍ Ḥaḡu :A selmad n uyerbaz almmas .

S ufus n talellet d ussegen s yur : Hanina Lḥusin .

Timelqeṭ S yur : Yaḥyawī Zahir

Tuqqna s yur : Azwawī Crif akked Budali Zuhra

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Adlis ayurbiz id-yellan s lmendad n uneylaf n usegmi ayelnaw, uṭṭun 17/ε.m /8

Adlis-a yebḍa yef 03 n yeḥricen ; tutlayt tamaziyt, tiffinay, taεrabt.Yal aḥric yebda seg usebter wiss 04 almi d wiss 94, yer taggara n yal aḥric ad d-naf

amawal. Adlis-a yur-s sin n yisenfaren amezwaru : Tira n teynirawt n taddart «d talsa n umezruy n temnaḍt ney n taddart d wayen yellan deg-s d azlay, d armud, d ansay » wis sin : D talsa n tmeddurt n umdan d wayen yexdem deg tudert-is. Yal tagzemt tesca kraḍ n yeḍrisen d yiwen n usefru s yen d irmad n tmenna.

1-2-Tarrayt n unadi

Tarrayt id neḍfer deg tezrawt-a d tarrayt n tsestant, yessefk ad neffey yer wanar iwakken ad d-negmer awalen i yellan deg udlis i nesseqdec i tezrawt-a , ad d-nexdem tasleḍt elahsab n talya d unamek. Deg-s ad d-nefk kra n yisteqsiyen i yemsulya n yiselmaden n uswir alemmas. Ha-t-an kra n yisteqsiyen :

1-Dacu ara d-tinim yef umawal ayurbiz ?

2-Ugten wawalen imaynuten deg udlis-a ?

3- Aselmad yezmer ad yessiweḍ izen i yinelmaden-is ney ala ?

4- Efk-d talya n yal awal d unamek?

5-Amek id ussan awalen deg uselmed, sehlen ney ala ? Aselmed n wawalen-a sehlen ney ala?

6-Idrisen n tyuri yellan deg udlis, wilmen i uswir alemmas ney ala ?

7-Aḥal n lweqt i ilaqen iwakken ad d-segziḍ awalen imaynuten ?

1-3-Imsulya

Tafelwit n yimsulya :

Nefren iselmaden yessyarayen deg yiḡerbazen ilemmasen, nsissemel-it-n-id ilmend n leemer akked d umahil-nsen .

Imsulya	Leɛmer	Ayerbaz
Waɛrab Racid	60	Ḥusin Mesɛud
Lɛamrawi Ḥakima	45	Craraq Ḥusin
Meslub Maḥfuḍ	59	Ḥemruc Mulud
Qasi Ḥura	44	Ḥemru Mulud
Mikli Lwiza	50	Daḥmani Sliman
Banuḥ Zwina	38	Daḥmani Sliman

1-4- Iswi n umahil

Yal leqdic yesɛa iswi, maca yettili ilmend n taɣult iɣef yettnadi. Anadi-a yerza : Amawal ayurbiz aswir alemmas tasuta tis snat, tasleḍt tasnalyamkant.

Imi adlis-a yeffeɣ-d aseggas n 2017, ihi nufa-d belli ulac atas n tezrawin i yettwaxedmen fell-as.

Amawal ayurbiz yellan deg udlis alemmas aswir wis 02.

Tasleḍt tasnalyamkant n umawal ayurbiz.

Asebgén n yinumak n wawalen-a.

Asnérni n umawal n tmaziyt.

1-5-Uguren id d-nemlal

- Di tegzemt tis kraḍ nuffa-d deg uḍris wis sin « Igen n usammer », ur icudd ara yer tegzemt.
- Tuget n yenelmaden n uswir wis sin ur sen-d yusi ara umawal fessus imi tenseqsa.

- Llan kra n yiselmaden ur d-fkin ara tiririt akk yef yesteqsiyen.

Taggrayt

Aḥric n tesnarrayt, d netta i d lsas ney d lebni n leqdic ,d netta i yettwalihen amnadi si tazwara alama d taggara n tezrawt-is, ihi nessaweḍ deg uḥric-a nemeslay-d yef usissen n udlis, tarrayt n unadi, awal yef yimsulya, d wuguren id d-nemlal.

Tazwert

Aḥric n tezri, yesɛa azal meqqren deg yal leqdic ussan. Deg unadi-a ad d-neɛreḍ ad d-nawi awal yef umezruy n uselmed n tmaziyt d wamek i id d-llant talliyin-is, yer-s ad d-nefk tibadutin i kra n tmiḍranin d wassayen isnamkanen, yerzan tazrawt-a.

1-Aselmed n tmaziyt

Tutlayt tamaziyt n ugdud n Tefriqt ugafa tɛedda-d yef waṭas n talliyin abeɛda timhersaniyin ama n yirumaniyen, yiɛraben d yirumiyeen, mi ara nebder abrid n uselmed n tutlayt tamaziyt ad-t-naf yebḍa yef kraḍ n talliyin tigejdanin : tallit tamharsant n wakud irumiyeen si 1880 ar 1962, seg timunent n Lezzayer 1962 ar 1995, seg 1995 ar wass-a.

1-1-Tallit tamezwarut seg taggara n tsuta tis 19 armi 1962

Tebḍa deg 1880 almi d asseggas n timunent 1962. Deg tallit tamharsant irumiyeen yebda-d wahil n uselmed n tutlayt tamaziyt amma deg yiɛerbazen am uɛerbaz n Buzariɛa deg Lezzayer, akked tmezdeyt n tsekliwin n Lezzayer.

« Ad-d nebder kra n yidlisen id- yeffyen deg tallit-a yef tjerrumt d uselmed akken id yellan usuffey-nen :

-Hanoteau Adolf , Essai de grammaire Kabyle 1858.

-Benkhaouse A, Dialogue Français-Kabyle 1881.

-Basset Renet, Manual de langue Kable 1887.

-Bensdira Belkacem, Cour de langue Kabyle 1887.

-Boulifa Amar Said, Une première année de la langue Kabyle 1880 .

-Dupont O, Vocabulaire Français-Kabyle a l'usage des élèves de départementl des infèmièrs de l'hôpital Franc-musulman 1933.

-Basset Andre et Carozet J, Cour de berbère (parle Kabyle) 1937.

Tizrawin timezwura id-yellan yef tutlayt tamaziyt d tid yebdan deg tallit tamharsant. Ger tizrawin-a ad naf snat n tezrawin s wazal-nsent d tid i d-yessuffey Bulifa : Tamezwarut d agmar n tmedyazt taqbaylit i d-yeffyen deg 1904 anda i yura isefra n Si Muhend Umhend. Ma tis snat d tazrawt yef tjerrumt n teqbaylit id d-yeffyen deg useggas n 1913 ».¹

1-2-Tallit tis snat seg 1962 armi 1995

Tebda seg timmunent n Lezzayer 1962 armi d aseggas i deg tekcem tutlayt tamaziyt yer uyerbaz 1995. « Aselmed n tmaziyt, deg tallit-a mačči d unsib... yuḡal s twizi d unufran. Seld timmunent, aselmed n tmaziyt d tezrawin timaziyin yegdel-itent udabu azzayri, d aya i yeḡḡan aselmed n tmaziyt... yufrar-d s yur yimeynasen gar-asen, MULUD Mæemmri... Leqdic i yexdem Ugraw n Yisdawanen i yessnernan tira n tmaziyt, yerna slulen-d tasekla tatrat d kra n yidlisen yecban adlis n MULUD Mæemmri "Tajerrumt n tmaziyt "Iswi n uselmed n tmaziyt deg tallit-a d aselmed n tira... dayen ayen akk i d-yekkan seg timawit ».²

¹ DJELLAoui Mohamed, Actes du colloque international sur L'enseignement de la langue amazighes dans les universités algériennes et étrangères, 2013, pp233-234.

² Idem, pp238-239.

1-3-Tallit tis kraḍ seg 1995 armi d assa

Tutlayt tamaziyt tekcem yer uyerbaz azzayri deg 1995. « Aselmed n tmaziyt seld 1995 yuḡal yebna yef snat n tsuddisin, tin n "HCA" akked "MEN", deg useggas amezwaru n termit n uselmed n tmaziyt. Fernen-d aḡawas n "HCA"anda aselmed yettili-d i wid yetthegin akayad i unekcum yer tsedawit d tesnawit. Ma yella d aḡawas n " MEN" yebya ad yerr aselmed n tmaziyt d win ara yellin di temnaḍin n lezzayer akk mačči anagar deg 16 n temnaḍin ».³

Deg useggas 2003, tekcem tutlayt tamaziyt i tikkelt tamezwarut yer ikayaden n "BAK", asnulfu yella-d s tuget abeḍda tantala taqbaylit i yugten s, seg tama n tsekla, tesnilest, ama deg wayen yerzan tayulin nniḍen.

Deg useggas n 2016, tutlayt tamaziyt deg wass 06 di furar, tekcem tutlayt tunṣibt deg tmendawt n Lezzayer anect-a id yefkan afud iwid itt-yeqqaren di tmura n Lezzayer, iwakken ad tesɛu azref am nettat am tutlayin niḍen.

2-Tibadutin n kra n tmiḍranin

Deg uḥric-a ad d-nawi kra n yirman i yecudden akk yer usentel

2-1-Amawal

Amawal d aybalu n tmusni n myal anadi usnan, d tezrawin. D aḡraw n wawalen deg yiwen n wadeg yettbeddil seg wakud yer wayeḍ.

S yur Mounin Georges : « D tagruma n tayunin tinamkanin n tutlayt i yettunefken deg yiwen wakud deg umezruy-is ».⁴

³. DJELLAOUÏ Mohamed, Op. Cite. p243.

⁴. Dictionnaire de linguistique, Quadrige, Paris, 2012, p203. « Ensemble des unités significatives d'une langue donnée à un moment donnée de son histoire ».

2-2-Tasnamka

Tasnamka d tusna izerwen anamek n wawal, tettak azal i unamek, txeddem tazrawt i unamek n tayunin timawalanin akked wassayen yellan ger yinumak.

S yur Mounin Georges : « D aḥric n tesnilest izerwen inumak ney umsil n tayunin timawalanin d wayen yesεan assay akked unmik-nsen (Tasnawalt-Tasnarwalt) ney d yiman-nsen (ihi d asnulfu)».⁵

S yur Sadiqi Fatima : « Tasnamka s umata tettnadi yef tnakti n yinumak. Tetteki yer uḥric n tesnilest id-ilehhun deg wayen yesεan assay yer unamek amezwaru n wawalen, n wuddusen n tefyar».⁶

2-2-1-Tasnamka tamawalant

Tasnamka tamawalant d tussna yettnadin yef unamek n yiferdisen n umawal.

S yur Lehmann Alis akked Martin-Berthet Françoise : « Tasnamka tamawalant iswi-is d tazrewt n yinumak n tayunin timawalanin, i ysemrasen timiḍranin icudden yer uzamul, id yekkan seg tfelsafit ».⁷

2-3-Tasnalya

Tasnalya tetṭef amkan meqqren deg tutlayt, teccud yer umawal, d tusna izerwen talya n wawal d wassayen yellan gar-asen.

⁵ . MOUNIN Georges, Op. Cite, p293. « Parti de linguistique qui étudier les sens* ou le signifie* des unité lexicale, tantôt en liaison avec leurs signifiants (lexicologie*, lexicographie*), tantôt en eux-mêmes c'est la noologie ».

⁶ . Grammaire du berbère, Afrique Orient, Maroc, 2004, p233. « La sémantique s'articule donc directement auteur de la notion de sens. Par conséquent, la branche de la linguistique qui s'occupe de tout ce qui a trait au sens premier des mots, des syntagmes ou des phrases ».

⁷ . Lexicologie, Sémantique, Morphologie, Lexicographie, Armand Colin, Paris, p31 :«La semantique lexicale a pour objectif l'étude du sens des unités lexicales, elle se sert des concepts liés au signe, hérités souvent de la philosophie».

S yur Mounin Georges : « Tzerw talyiwin id-yesknen awalen deg tutlayt n unfal deg talya n wawalen akken ad nesenfali assayen-nsen d wawalen-nniḍen n tefyirt,d yikalan n usileḡ n wawalen imaynuten ».⁸

S yur Dubois Jean : « Deg tjerrumt taqburt, tasnalya d tazrawt n talyiwn n wawalen s tenmagla yer tezrawt n twuriwin ney n tseddast».⁹

2-3-1-Tasnalya tamawalant

S yur Lehmann Alise akked Martin-Berthet Françoise : « Tasnalya tamawalant tella d tazgerkudant : tettnadi ad d-segzi talya n wawalen seg tedra-nsen ».¹⁰

2-4-Tasnulfawalt

Tasnulfawalt d tusna izerwen awalen imaynuten id-irennun yer umawal n tutlayt, d asileḡ n tayunin timaynutin ama deg unamek ama di talya, seg awal yellan di tutlayin tiberraniyin ney di tantaliwin.

Syur Boudjema Aziri : « Tasnulfawlt di tmaziyet, ur telli ara kan d asekcm am ukala n usnulfu n wawalen imaynuten maca dayen d allal s ways ara nesenqes iretṭalen yeččuren s tuget tayult n umawal ».¹¹

2-5- Azar

Azar d agraw n tergalin yellan d tucrikin ger wawalen, d aferdis agejdan yesēan talya d unamek.

⁸. MOUNIN Georges, Op. Cite, p221. « Etude des formes sous lesquelles se présentent les mots dans une langue, des chagement dans la forme des mots pour exprimer leurs relation à d'autre mots de la phrase, des processus de formation de mots nouveaux » .

⁹. Dictionnaire de linguistique et des sciences de langage, Larousse, Paris, 1994, p395. « En grammaire traditionnel, la morphologie étudie des formes des mots, par opposition à l'étude des fonctions syntaxe ».

¹⁰. LEHMANN Alise et MARTIN-BERTHET Françoise, Op. Cite, p137. « La morphologie lexicale a d'abord été diachronique : elle a cherché à expliquer la forme des mots ».

¹¹. Neologismes et calques dans les medias amazighs, Haut commissariat à l'Amazighité, 2009, p45. « En berbère la néologie n'est pas seulement envisagée comme une processus...secteurs du lexique ».

Syur Dubois Jean : « D aferdis n yiris yezdin akk ayen id-yeskanen yiwet n twacult n wawalen daxel n tutlayt, ney n twacult n tutlayin ».¹²

2-5-1-Leşnaf n uẓar

2-5-1-1-Aẓar amawalan : d aẓar yesεan talya d unamek yesεa yiwet n twacult tamawalant.

2-5-1-2-Aẓar argalan: d aẓar yesεan talya d unamek, yesεa atas n twaculin timawalanin.

2-5-2-Asuffey n uẓar

-Iwakken ad d-nesuffey aẓar ad d-nerr isem yer talya taḥerfit.

-Ad as-nekkes tiyra (a-u-i) d yilem (e).

-Ad as-nekkes ticraḍ n wunti (t), azwir d udfir.

-Ad as-nekkes ticraḍ n ussudem .

Aẓar yettili s yiwet n tergalt ney snat n tergalin ney ugar .

-Tukksa n uẓar ilaq s usekkil ameqqran .

MD :

- Bu yiwet n tergalt

Isem	Anu	Tiggit
Aẓar	$\sqrt{N}$	$\sqrt{G}$

¹². DUBOIS Jean, Op. Cite, P395. « Racine l'élément de base irréductible commun à tous les représentant d'une même famille de mots à l'intérieur d'une langue ou d'une famille de langue ».

-Bu Snat n tergalin

Isem	Tanuba	Igen
Aẓar	√NB	√ĠN

-Bu kraḍ n tergalin

Isem	Talwiḥt	Tadfert
Aẓar	√LWH	√DFR

-Bu ukkuẓ n tergalin

Isem	Uderyis	Acekriḍ
Aẓar	√DRYS	√CKRḌ

2-6-Isem

Isem d awal yezmer ad yili d isem n umdan, d aẓersiẓ, taẓawsa, ney d imyi, isem yebḍa yef kraḍ n tecraḍ tigejdanin : Tawsit (Amalay-unti), Addad (Ilelli-Amaruz), Amḍan (Asuf-Asget).

Ter Haddadou Mohand Akli : « Isem am tuddsa deg uẓar id-yemmalen ticraḍ tigejdanin : Tawsit (Amalay-Unti), Amḍan (Asuf-Asget), Addad (Ilelli-Amaruz) ». ¹³

2-6-1-Ticraḍ tigejdanin n yisem

¹³ .Précis de lexicologie Amazighe, ENAG, Alger, 2011,p57. « Se définit également comme la combinaison d'une racine et des marques obligatoires : marque de genre (masculin, féminin) de nombre (singulier, pluriel) et d'état (état libre, état d'annexion) ».

2-6-1-1-Tawsit

Tawsit tebḍa yef snat taggayin :Amalay-Unti .

S yur Nait- zerrad Kamel : « Deg tmaziyt llant snat n tewsatn amalay d wunti ».¹⁴

Ter Sadiqi Fatima : « Tawsit deg tjerrumt tettaḡḡa-yay ad negg ismawen deg yimalayen d wuntiyeen ».¹⁵

2-6-1-1-1-Amalay

S umata isem amalay ibeddu s teyra (a,u,i)

MD : A→Awal

U→Ultiy

I→Igen

-Tisuraf

« Nezmer ad d-naf kra n yismawen untiyeen i ibeddun s yiwet ger tiyra –ya

(ulli, ultma, allen)→Mačči seg wammud.

Aṭas n yismawn imalayen beddun s tergalat (laḥ,fad,fellu ...atg)→Mačči seg wamud

Llan yismawen- nniḍen beddun s uzgenayri (w),
(wayzen, wazi, waḥrir)→Mačči seg wammud ».¹⁶

¹⁴ .Tajerrumt n tmaziyt tamirant (talyiwin), ENAG, Alger, 1995, p44. « Il existe deux genres en berbère : le masculin et féminin ».

¹⁵ . SADIQI Fatima, Op. Cite, P112. « En grammaire nous permetre catégoriser les noms en masculins et féminins ».

¹⁶ . IMARAZENE Moussa, Awfus n tjerrumt n teqbaylit (taseddast), El Amel, 2016, p16.

2-6-1-1-2-Unti

S umata yettili usilley n wunti s " t " di tazwara d taggara "t...t".

MD : Talumt, tadfert

-Tisuraf

« Kra n yismawen untiyen keffun s tussda n (t), (tt) : Tizi-tt

Deg usget, ismawen untiyen akk, ur sein ara adfir (t). Mi ara nerr isem unti yer usget, (t) adfir yezga yettruḥu. MD : Timdinin , tiḥuna.

Llan atas n yismawen untiyen ur yesein ara dayen adfir (t), yas akken deg wasuf i llan. Gas akken d (t) azwir kan i sean, ur asent-ttwakes ara tewsit, qqimen d untiyen am nutni am wiyaḍ ».¹⁷

MD : Taggara, tagella

2-6-1-2-Amḍan

Amḍan yebḍa yef snat n taggayin d aeeddi seg yiwen yer ugar (asuf - asget).

Syur Sadiqi Fatima : « Amḍan d taggayt n tjerrumt yessemgiriden gar wasuf d usget ».¹⁸

2-6-1-2- 1-Asuf

Dayen id-yemmalen yiwent n tyawsa.

MD : Ablad, Argaz

¹⁷. IMARAZENE Moussa, Op.Cite. pp16-17.

¹⁸. SADIQI Fatima, Op. Cite, p109. « Le nombre est la catégorie grammaticale opposent le singulier au pluriel ».

2-6-1-2-2-Asget

Dayen id-yemmalen ugar n yiwet n tyawsa.

MD : Iluyma, Isekla

2-6-1-3-Addad

Di tmaziyt yesnemgal sin n waddaden : addad ilelli d waddad amaruz.

Imarazene Moussa yenna-d : « Addad d yiwet n tulumist n yisem, anagar di tmaziyt i yella, ad d-naf deg-s sin wddaden i yemgaraden "addad ilelli, addad amaruz "». ¹⁹

2-6-1-3-1-Addad ilelli

D talya taḥerfit n yisem di tutlayt tamaziyt d anemgal n waddad amaruz .

Imarazene Moussa yesbadu-t-id : « Addad ilelli yettili deg waddad-is ilelli asma ara yilli deg talya-is taḥerfit ». ²⁰

2-6-1-3-2-Addad amaruz

Yettili-d s ubeddel n teyri tamezwarut.

S yur Chakir Salem : « D anekti ajerruman i yettilin yer tyuga anda i tella tenmegla ger waddad illeli d waddad amaruz ». ²¹

-Tisuraf

« Ayluy ayruḍ ney abruyan n umagrad , yettemlellay umagrad yettuḡal d ilem

¹⁹. IMARAZENE Moussa , Op.Cite, p27 .

²⁰. Idem, p27 .

²¹. Manuel du linguistique BERBERE – II Syntaxe et diachronie, ENAG, Alger, 1996. « Ce cocept grammatical appartient au couple oppositif Etat libre, Etat d'annexion ».

MD : Talwiḥt, Telwiḥt

Ayelluy n umagrad : ulac i d-yettuyalen deg umkan n umagrad-nni i yeylin

MD : Tazeqqa, Tzeqqa

Timerna n uzgenayri . MD : **Aw**al→**W**awal

Tamlellit n umagrad yer yilem akked tmerna n uzgenayri

MD : Argaz, **w**ergaz

Tamlellit n umagrad (a/u) ». ²²

MD : Agafa, Ugafa

2-7-Assayen inamkanen

2-7-1-Aynamek

D awal yesεan yiwen unamek, d tanmegla n tgetnamka.

Ter Dubois Jean : « Irem aynamek yettuneḥseb d aferdis amezyan anamkan isemden deg tmenna, ur yezmir ad t-yebḍu yef tayunin timezyanin mebla aεeddi yer uswir imesnisli ». ²³

2-7-2-Tagetnamka

D awal yesεan atas n ynumak mgaraden,tagetnamka d tummant i yettεawanen tutlayt i wakken ur d-reṭṭel ara seg tutlayin nniden .

S yur Sadiqi Fatima : « Deg tesnamka ,tagetnamka temmal-d attwasget n unamek ». ²⁴

²². IMARAZENE Moussa, Op. Cite. pp27-28.

²³ . DUBOIS Jean, Op. Cite, p310. « Le terme d morphème désigne le plus petit élément significative...sans passer au niveau phonologique ».

²⁴ . SADIQI Fatima, Op. Cite, p243. « En sémantique,la polysémie signifie une multiplicité de sens ».

Ter Dubois Jean : « Neqqar tagetnamka mi ara yilli uzmul asnilsan yesɛa aṭas n yinumak. Ihi tayunt tasnilsant neqqar-as tagetnamka ».²⁵

2-7-3-Aynisem

Mi ara yillin kra n wawalen sɛan yiwet n talya, maca mgaraden deg unamek.

S yur Dubois Jean : « Deg umawal, aynisem id-nessusruy, ney nettaru-t am wiyad, maca ur yesɛi ara anamek am uneggaru-a »²⁶.

2-8-Asuddes

D tarrayt s wacu nezmer ad d-nesdukkel sin wawalen ney ugar. D asemlili ger sin yiferdisen n umawal .

Imarazene Moussa yenna-d : « Tuddsa n yiwen wallal n usiley i nessexdam deg tutlayt n tmaziyt yas ma yella ur telli ara s waṭas ma neknna-tt yer usuddem ».²⁷

Asuddes yesɛa snat n taggayin : asuddes asduklan asuddes aduklan.

2-8-1-Asuddes asduklan

D asemlil gar sin yiferdisen n umawal wer assay ajerruman.

- Isem d yisem : MD : udemkal : udem akked akal
- Isem d amyag : MD : amseglam : ames akked glem.
- Isem d tanzeyt : MD : iyefdeg iyef akked deg.

²⁵. DUBOIS Jean, Op. Cite, P369. « On appelle polysémie la propriété d'un signe linguistique est qui a plusieurs sens. L'unité linguistique alors dite polysémique ».

²⁶. Idem, p234. « Dans le lexique, un homonyme est un mot qu'on prononce ou/ et qu'on écrit comme un autre, mais qui n'a pas même sens que ce dernier ».

²⁷. IMARAZENE Moussa, Op. Cite. p33.

2-8-2-Asuddes aduklan

D asemlil ger sin n yiferdisen n umawal s tenzayt (n).

-Isem d n akked isem : MD : aysur n tuja.

2-9-Asuddem

D allal n usiley n tayunin timawalin. D asemlil gar ulyac ajerruman d uferdis amawalan .

Ter Sadaq Bendali : « D asuffey n wawal seg wawal nniden, awal i d-yettwasudmen d awal asuddim, yettili-d d isem, d iglem, d amyag ».²⁸

Imarazene Moussa yenna-d : « Dallal i nesseqdac atas deg usiley n wawalen. seg yiwen n uẓar, nezmer ad d-nessuddem isem n tigawt, isem n umeggay, isem n wallal ».²⁹

Llant snat n taggayin n usuddem ; asuddem ajerruman d usuddem anfan

2-9-1-Asuddem ajerruman

D asuddem i yettbeddilen i wawal taseddasant .

S yur Berkai Abdelaziz : « D asdukkel n walṭacen ijerrumanen, deg umuy iẓelqen s umḍan, akked d yinmawalen ».³⁰

2-9-1-1-Asuddem n yisem seg umyag

Asuddem n yisem seg umyag nezmer ad d-naf yur-s, isem n umeskar, isem n tigawt, isem n wallal, arbib .

²⁸ . Awfus amaynut n tutlayt n tmaziyt, HCA. 2007, p61.

²⁹ . IMARAZENE Moussa, Op.Cite. p36.

³⁰ . Lexique de la linguistique Français-Anglais-Tamazight, ACHAB, Tizi-ouzou, p41. « Elle consiste à combiner des morphèmes grammaticaux, en nombre très réduit et en liste fermée, avec des lexèmes ».

2-9-1-1-1-Isem n umskar

D win yessedrayen tigawt, yettii-d s tmerna n walyacen ijerrumanen
 “ am, an ” i yisem.

Ter Berkai Abdelaziz : « Isem n umskar yettli-d s umata s uzwer n “ am - an ”
 ma yella afeggag amyagan yesɛa tancucant ney “ im - in ” ma yella afeggag
 yesɛa tiyri (i) ».³¹

MD : Zwi : amezway. “ Mačči seg wammud ”

2-9-1-1-2-Isem n tigawt

Isem n tigawt yemmal-d tigawt ara yeḍrun i umdan.

Bendali Sadaq yenna-d : « Isem n tigawt yemmal-d ayen iderrun ».³²

MD : Krez : takerza

2-9-1-1-3-Isem n wallal

Isem n wallal yettli-d s tmerna n tecrad “ as, is, am, im ” i umyag.

Bendali Sadaq yenna-d : « Isem n wallal ur yelli ara s waṭas di tmaziyt ».³³

MD : Agem : asagem “ Mačči seg wammud ”

2-9-1-1-4-Arbib

D awal id-yessebganen tayara n yisem d wamek tga tyawsa , yekka-d seg umyag
 n tyara .

³¹. BERKAI ABDELAZIZ, Lexique de linguistique Français-Anglais-Tamazight, p43 « Le nom d’agent ou de partient s’obtient en général par préfixation de am- (avec ses variantes : an-, si le radical verbal contient une labial, ou im-(in-) si ce radical contient la voyelle /i/) ».

³². BENDALI Sadaq ,Awfus amaynut n tutlayt tamaziyt, p61 .

³³. Idem, p64.

Bendali Sadaq yenna-d : « Iglem d awal ameskil i yemmalen tayara n yisem ney amek iga . Iglem yeḍḍafar uglim deg wemḍan d tewsit ».³⁴

MD : Imlul : Amellal

2-9-1-2-Asuddem n umyag seg umyag

2-9-1-2-1-Asway

S yur Bendali Sadaq : « Yettli-d useley n usway s tmerna n yiwen seg yezwiren-a : ss, s, ssu, sse, i wemyag amenzu. S uzwir ss, tezmer ad d-tili tmelellit n teyri n tazwara ney n taggara ».³⁵

MD : “ Mačči seg wammud ”

Bedd : Sbedd

Rwel : Sserwel

Ffey : Ssuffey

2-9-1-2-2-Amyay

Bendali Sadaq yenna-d : « Yettli useley n umyay s tmerna n uzwir : my, mye, my, m ».³⁶

MD : “ Imedyaten-agi mačči seg wammud ”

Aru : Myaru

Issin : Myussan

³⁴. BENDALI Sadaq ,Op, Cite p29.

³⁵. Idem, p65.

³⁶. Idem, p66.

Kcem : **Myekcem**

2-9-1-2-3-Attway

Ter Bendali Sadaq : « Yettili usuddem n uttway slid seg yemyagen isenḍanen s tmerna n yizwiren : ttu, ttwa, ttw, mm ».³⁷

MD : “ Imedyaten-a mačči seg wammud ”

Beddel : **TTubeddel**

Azen : **TTwazen**

Zlu : **Mmzel**

2-9-2-Assudem anfan

D yiwen n uḥric ameḍyan deg umawal, yetteli-d s tmerna n walyacen.

S yur Haddadou Mohand Akli : « Assay ger uwšil akked yiris ur yelli ara dimma d win id yettbanen, iwšilen ugten maca ur lin ara i temsulya timaynutin d ayeṇ yettawed umsiwel anda ur ibeṭtu ara d yiris ».³⁸

2-10-Areṭtal

D awal id d- nettawi seg tutlayin tebraniyin ; taerabt, tefransist, taglizit, ...atg, ney seg tantaliwin am tcelhit, tatergit...atg, iwakken ad nergel lixsas yellan deg umawal n tutlayt.

³⁷. BENDALI Sadaq, Op. Cite, p66 .

³⁸. HADDADOU Mohand Akli, Op. Cite. p79. « Dans la dérivation de manière, le rapport entre l’affixe et la base n’est pas toujours perceptible les affixes sont très nombreux mais ils ne sont plus disponibles pour de nouvelles formations et il arrive fréquemment que le locuteur ne le sépare plus de la base ».

Imarazene Moussa yenna-d : « Aṭas n yireṭṭalen i yellan ass-a deg tutlayt tamaziyt. Ay-a icudd yer waṭas n yimestaren, ama d ineṣliyen, ama berra i tneṣlit. D ay-a i yellin tiwwura i unekcum n wawalen ireṭṭalen i iḥuzen aṭas n tayulin deg tudert n yal ass ». ³⁹

Ter Sadiqi Fatima : « Ireṭṭalen d tagruma n wawalen d tenfaliyin n wid yessexdamen tutlayt yettureḍlen seg tutlayin- nniḍen ». ⁴⁰

Areṭṭal yebḍa yef sin leṣnaf :

2-10-1-Areṭṭal uffiy

Syur Berkai Abdelaziz : « D areṭṭal n wawal seg tutlayt taberranit ijahden yer tutlayt tanicant ». ⁴¹

MD : Tṭabla, Zariɛa, Lefhem.

2-10-2-Areṭṭal n daxel

Bekai Abdelaziz yenna-d : « areṭṭal n d axel yiwen unagraw utlayan, d awal id-ttawi tutlayt seg tantaliwin nniḍen .Tutlayt id ireḍlen tezmer ad tili d addad aqbur n tutlayt id-yettawin seg tutlayin tirumaniyin alama tlaṭinit, aṭas n yireṭṭalen uyalen amzun d inaṣliyen di teqbaylit ». ⁴²

MD : Aseggas, Aḍris

³⁹. IMARAZENE Moussa, Op. Cite. p30.

⁴⁰.SADIQI Fatima, Op. Cite. p247. « Les emprunts sont les mots et expressions que les usagers d'une langue empruntent à une autres langue ».

⁴¹. BERKAI Abdelaziz, Op. Cite. p38. « Emprunt à une langue qui à des degrés fort variables est étrangère par apport à langue d'accueil ».

⁴².Idem, p37. « Emprunt interne fait à l'intérieur d'un système linguistique. La langue prêteuse est soit un état ancien de la langue emprunteuse,c'est le cas par exemple des emprunts savants des langues romanes au latin...sont totalement intégrés par le kabyle : amaziy empunt fait par . Ait Amrane an parlars marocaine ».

Taggrayt

Γer taggara n uḥric-a, nessawed nefka-d amezruy yef uselmed n tutlayt tamaziyt d talliyin-is, syen newwi-d tibatutin d wassayen isnamkanen ara nessemres deg uḥric n tesleḍt tasnalyamkant n umawal ayurbiz .

Ahric n tesledt

Tazwert

Tasleḍt tesca tixxutert meqqren deg tezrawt-a. Deg unadi-a ad d-neereḍ ad d-nsissen i wawalen id d-nefren seg wamud azal 75 seg « umawal ayurbiz yettusemrasen deg udlis aswir alemmas (2) tasuta tis snat», nebḍa-ten yef ukkuz n leṣnaf : (iḥrefiyen, uddisen, isuddimen, ireṭṭalen). Tasleḍt-a tebna yef sin yehricen : Aḥric n talya : ad d-nefk ticraḍ tigejdanin i yal awal (Tawsit; «amalay-unti», Amḍan ; «asuf-asget», Addad ; «ilelli-amaruz») . Fer-s ad d-nekkes aḍar i yal awal .

Aḥric n tesnamka ;ad d-nawi anamek i yal awal ara nessexdem deg usegzawal n " Buɛmara Kamal", akked d wayen ara d-nawi yer yemsulʿa n tseddawit.

1-Awalen iḥerfiyen

-Abernus:

Awal	Aẓar-is	Talya						Tadra	Anamek-is	Syur
Abernus	√BRNS	Tawsit		Amḍan		Addad		Dawal n tmaziyt.	Ssenf n llebsa n yirgazen ay zetṭen tlawin;yettmaga s taduṭ n wulli ;yur-s aqlmun d sin n yicuḍaḍ.	BOUAMARA Kamal, Issin, sb 10.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		Abernus	Tabernust	Abernus	Ibernnyas	Abernus	Ubernus			

-Adfel :

Awal	Aẓar-is	Talya						Tadra	Anamek-is	Syur
Adfel	√DFL	Tawsit		Amḍan		Addad		D awal n tmaziyt.	1-Aman mi ara jemden. 2- Dtumant yettlin deg tsemhuyt n tegreṣt.	1-BOUAMARA Kamal, Issin, sb111. 2-Imsulya n tseddawit.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		Adfel	-	Adfel	Ideflawen	Adfel	Wedfel			

-Adrar:

Awal	Aḥar-is	Talya						Tadra	Anamek-is	Syur
Adrar	$\sqrt{DR}$	Tawsit		Amḍan		Addad		D awal n tmaziyt.	1-Deg tirakalt,d amkan elayen mlih yef wid i as-d yezzin . 2-Dazamul n tnublelt n nnif ladya yer leqbayel, d tabyest.	1-BOUAMARA Kamal,Issin,sb115. 2-Imsulya n tseddawit.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		Adrar	-	Adrar	Idurar	Adrar	Udrar			

-Aḍar :

Awal	Aḥar-is	Talya						Tadra	Anamek-is	Syur
Aḍar	$\sqrt{DR}$	Tawsit		Amḍan		Addad		D awal n tmaziyt	1-Win iyef yettbedad umdan, iteddu,yettazal yes-s. 2-D agmam n tfekka n umdan, s yes i yelahu.	1-BOUAMARA Kamal,Issin,sb120. 2-Imsulya n tseddawit.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		Aḍar	-	Aḍar	Iḍaren	Aḍar	Uḍar			

-Aḍris :

Awal	Aḍar-is	Talya						Tadra	Anamek-is	Syur
Aḍris	√DRS	Tawsit		Amḍan		Addad		D awal n tmaziyt	1-Agraw n wawalen, n tektiwin n tseddarin. 2-Damud n wawalen yebnan d tifyirin id yettawin tiktiwin id yeslalayen kra n usentel.	1BOUAMARA Kamal, Issin, sb125. 2-Imsulya n tseddawit.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		Aḍris	-	Aḍris	Iḍrisen	Aḍris	Uḍris			

-Aman:

Awal	Aḍar-is	Talya						Tadra	Anamek-is	Syur
Aman	√MN	Tawsit		Amḍan		Addad		D awal n tmaziyt	Uzzil tessan yimudduren (amdan,ayersiwi,imyi)akken ad tten rruh , ur tmettaten ara.	BOUMARA Kamel, Issin, sb 283.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		Aman	-	Aman	-	Aman	Waman			

-Ayref :

Awal	Azar-is	Talya						Tadra	Anamek-is	Syur
Ayref	$\sqrt{\Gamma RF}$	Tawsit		Amḍan		Addad		D awal n tmaziyt	-Agdud, cceeb.	-BOUAMARA Kamal, Issin, sb398.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		Ayref	-	Ayref	Iyerfan	Ayref	Uyref			

-Aqarru :

Awal	Azar-is	Talya						Tadra	Anamek-is	Syur
Aqarru	$\sqrt{QR}$	Tawsit		Amḍan		Addad		D awal n tmaziyt	1-Ixef n umdan (ayersiw). 2-Dagmam n tfekka n umdan, yella-d nnig yedmaren tetṭef-it temgarḍt.	1-BOUAMARA Kamal, Issin, sb359 2-Imṣulya n tseddawit
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		Aqarru	Taqarrut	Aqarru	Iqurray	Aqarru	Uqerru			

-Argaz :

Awal	Aẓar-is	Talya						Tadra	Anamek-is	Syur
Argaz	√RGZ	Tawsit		Amḍan		Addad		D awal n tmaziyt	1-Awtem n temettut. 2-D imḍebber n uxxam.	1-BOUAMARA Kamal, Issin, sb377. 2-Imṣulya n tseddawit
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		Argaz	-	Argaz	Irgazen	Argaz	Urgaz			

-Aseggas:

Awal	Aẓar-is	Talya						Tadra	Anamek-is	Syur
Aseggas	√SGS	Tawsit		Amḍan		Addad		D awal n tmaziyt	-D tallit deg wakud ilan 12 n wayyuren.	-BOUAMARA Kamal, Issin, sb 417.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		Aseggas	-	Aseggas	Iseggasen	Aseggas	Useggas			

-Asif:

Awal	Aḥar-is	Talya						Tadra	Anamek-is	Syur
Asif	$\sqrt{SF}$	Tawsit		Amḍan		Addad		D awal n tmaziyt	-Iyzer meqqren ideg ttazzalen waman, xersum deg tegrest.	-BOUAMARA Kamal, Issin, sb441.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		Asif	-	Asif	Isafen	Asif	Wasif			

-Awal :

Awal	Aḥar-is	Talya						Tadra	Anamek-is	Syur
Awal	$\sqrt{WL}$	Tawsit		Amḍan		Addad		D awal n tmaziyt	1-D tayunt deg tefyirt deg uḍris. 2-D tameslayt d lah	1-BOUAMARA Kamal, Issin, sb499. 2-Imṣulya n tseddawit
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		Awal	-	Awal	Awalen	Awal	Wawal			

-Axxam :

Awal	Azar-is	Talya						Tadra	Anamek-is	Syur
Axxam	√XM	Tawsit		Amḍan		Addad		D awal n tmaziyt	1-Lḥara, tanezduyt 2-D amkan anda ttidiren madden.	1-BOUAMARA Kamal, Issin, sb526. 2-Imsulya n tseddawit.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		Axxam	Taxxamt	Axxam	Ixxamen	Axxam	Uxxam			

-Ayefki :

Awal	Azar-is	Talya						Tadra	Anamek-is	Syur
Ayefki	√YFK	Tawsit		Amḍan		Addad		D awal n tmaziyt	-Ayen swayes tesṣtud tyemmat mmi-s ney yelli-s .	-BOUMARA Kamel, Issin, sb 530.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		Ayefki	-	Ayefki	-	Ayefki	Uyefki			

-Azrem :

Awal	Aẓar-is	Talya						Tadra	Anamek-is	Syur
Azrem	√ZRM	Tawsit		Amḍan		Addad		D awal n tmaziyt	1-Ayersiw yetteqqes yerna Ssem-is ineqq , d akemmlan , yerna yer taggayt n wid ur nesɛi la iḍaren la ided n uɛrur. 2-D ayersiw yesɛa ssem i teqqes .	1-BOUAMARA kamel,Issin, sb 548. 2-Imsuya n tseddawit.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		Azrem	-	Azrem	Izarman	Azrem	Uzrem			

-Idles :

Awal	Aẓar-is	Talya						Tadra	Anamek-is	Syur
Idles	√DLS	Tawsit		Amḍan		Addad		D awal n tmaziyt	1 -Awal yesdukklen ansayen n uyref,ansay yerzan ccna akked ccḍeh,llebsa,ddin,leɛwayed. 2-Dayen iccuden yer tumast d yizuran n tmetti.	1-BOUAMARA Kamal, Issin, sb114. 2-Imsulya n tseddawit.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		Idles	-	Idles	Idelsan	Idles	Udles			

-Ilel :

Awal	Aḍar-is	Talya						Tadra	Anamek-is	Syur
Ilel	√L	Tawsit		Amḍan		Addad		D awal n tmaziyt	-Lebḥar, d agum yettḥfen 71% deg umaḍal.	-Imsulya n tseddawit.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		Ilel	-	Ilel	Ilelen	Ilel	Yilel			

-Iyzer :

Awal	Aḍar-is	Talya						Tadra	Anamek-is	Syur
Iyzer	√ΓZR	Tawsit		Amḍan		Addad		D awal n tmaziyt	1-D targa meqqren, amkan yeyzan mliḥ ideg ttazzalen waman, xersum deg ccetwa . 2-D adeg yeknan nejrent waman.	1-BOUAMARA Kamal, Issin, sb403. 2-Imsulya n tseddawit.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		Iyzer	Tiyzert	Iyzer	Iyezrawen	Iyzer	Uyzer			

-Lqut :

Awal	Aḥar-is	Talya						Tadra	Anamek-is	Syur
Lqut	√LQ	Tawsit		Amḍan		Addad		D awal n tmaziyt	1-Učči, tagella, lmakla. 2-Lmakla.	1-BOUAMARA Kamal, Issin, sb273. 2-Imsuya n tseddawit.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		-	Lqut	Lqut	-	Lqut	-			

-Luḍa :

Awal	Aḥar-is	Talya						Tadra	Anamek-is	Syur
Luḍa	√LD	Tawsit		Amḍan		Addad		D awal n tmaziyt.	1-Amkan iqeεden,iwatan, azayar. 2-Damkan imsawan,ur nessi ara atas ikeddaren.	1-BOUAMARA Kamal, Issin, sb274. 2-Imsulya n tseddawit.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		Luḍa	-	Luḍa	Luḍat	Luḍa	Luḍa			

-Taddart:

Awal	Azar-is	Talya						Tadra	Anamek-is	Syur
Taddart	√DR	Tawsit		Amḍan		Addad		D awal n tmaziyt	-Damkan ideg zedyen aṭas n twaculin yettwasnen.	-Imsulya n tseddawit.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		-	Taddart	Taddart	Tudrin	Taddart	-			

-Tagrest:

Awal	Azar-is	Talya						Tadra	Anamek-is	Syur
Tagrest	√GRS	Tawsit		Amḍan		Addad		D awal n tmaziyt	-Dtasemhuyt iyettlin deffir lexrif tettwasen s usemmiḍ, lahwa, adfel.	-Imsulya n tseddawit.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		-	Tagrest	Tagrest	-	Tagrest	Tegrest			

-Tala:

Awal	Azar-is	Talya						Tadra	Anamek-is	Syur
Tala	√TL	Tawsit		Amḍan		Addad		D awal n tmaziyt	1-Leinser, aybalu, taewint iseg d-ttagmen madden aman. 2-D leinser, ttefyqen-d seg-s waman.	1-BOUAMARA Kamal, Issin, sb237. 2- Imsulya n tseddawit.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		-	Tala	Tala	Tiliwa	Tala	-			

2-Awalen uddisen**2-1- Asuddes adukaln****-Abrid n ukerrus:**

Awal	Azar-is	Talya						Tadra	Anamek-is	Syur
Abrid n ukerrus	√BRD √KRS	Tawsit		Amḍan		Addad		D asuddes aduklan (isem+n+isem).	-Damkan ideg ttedin fell-as wid Ileḥun ama d madden, d tikerusin, d iyersiwen.	-Imsulya n tseddawit.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		Abrid	-	Abrid	Iberdan	Abrid	Ubrid			
		Akerrus	-	Akerrus	-	Akerrus	Ukerrus			

-Adrar n ufud :

Awal	Ażar-is	Talya						Tadra	Anamek-is	Syur
Adrar n ufud	$\sqrt{\text{DR}}$ $\sqrt{\text{FD}}$	Tawsit		Amđan		Addad		D asuddes aduklan (isem +n+isem)	-D aħric seg uđar n umdan yellan ger tegcrirt d uqeĵir.	-Imsulya n tseddawit
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		Adrar	-	Adrar	Idurar	Adrar	Udrar			
		Afud	-	Afud	-	Afud	Ufud			

-Afrag n berra:

Awal	Ażar-is	Talya						Tadra	Anamek-is	Syur
Afrag n berra	$\sqrt{\text{FRG}}$ $\sqrt{\text{BR}}$	Tawsit		Amđan		Addad		D asuddes aduklan (isem+n+isem)	-Dayen yellan seg tewwurt yer berra iħud- it-id zareb yer daxel.	-Imsulya n tseddawit.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		Afrag	-	Afrag	Ifragen	Afrag	Ufrag			
		Berra	-	Berra	-	Berra	-			

- Amraḥ n tyimit:

Awal	Aẓar-is	Talya						Tadra	Anamek-is	Syur
Amraḥ n tyimit	√MRḤ √ḤM	Tawsit		Amḍan		Addad		D asuddes aduklan (isem+n+isem)	-D adeg anda ttyimin iεggalen n twacult.	-Imsulya n tseddawit.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		Amraḥ	-	Amraḥ	Imraḥen	Amraḥ	Umraḥ			
		Iyimi	Tiyimit	-	Tiyimit	Tiyimit	Tiyimit			

-Dabax n uḍar :

Awal	Aẓar-is	Talya						Tadra	Anamek-is	Syur
Dabax n uḍar	√DBX √ḌR	Tawsit		Amḍan		Addad		D asuddes aduklan (isem+n+isem)	-D urar i tturaren warrac d tullas.	-Imsulya n tsedawit.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		Dabax	-	Dabax	Dabax	Dabax	Dabax			
		uḍar	-	uḍar	Iḍaren	Aḍar	Uḍar			

-Tamsirt n tjerrumt:

Awal	Azar-is	Talya						Tadra	Anamek-is	Syur
Tamsirt n tjerrumt	$\sqrt{\text{MSR}}$ $\sqrt{\text{JRM}}$	Tawsit		Amḍan		Addad		D asuddes aduklan(isem+n+isem)	-Dadeg anda ttyimin i εeggalen n twacult.	-Imsulya n tseddawit.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		-	Tamsirt	Tamsirt	Timsirin	Tamsirt	Temsirt			
		-	Tjerrumt	-	-	Tajerrumt	Tjerrumt			

2-2- Asuddes asduklan**-Alemsir:**

Awal	Azar-is	Talya						Tadra	Anamek-is	Syur
Alemsir	$\sqrt{\text{LMSR}}$	Tawsit		Amḍan		Addad		D asuddes susdukel(isem+isem) alem+isir.	-Dahiḍur id tteksen madden seg lmal,sexdament i tyimit ney i tguni.	-Imsulya n tseddawit.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		Amalay	Talmsirt	Alemsir	Ilemsiren	Alemsir	Ulemsir			

-Iyefdeg :

Awal	Aẓar-is	Talya						Tadra	Anamek-is	Syur
Iyefdeg	√TFDG	Tawsit		Amḍan		Addad		D asuddes s usdukel(isem+tanzayt) iyef+deg	-S ufella n umkan.	-Imsulya n tseddawit.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		Iyefdeg	-	Iyefdeg	-	Iyefdeg	-			

- Tirawalt :

Awal	Aẓar-is	Talya						Tadra	Anamek-is	Syur
Tirawalt	√RWL	Tawsit		Amḍan		Addad		D asuddes s usdukel(isem+isem) tira+awal	-D armud seg irmad.	-Imsulya n tseddawit.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		-	Tirawalt	Tirawalt	-	Tirawalt	-			

-Udemkal:

Awal	Aḥar-is	Talya						Tadra	Anamek-is	Syur
Udemkal	√DMKL	Tawsit		Amḍan		Addad		D asuddes s usdukel (isem+isem)udem+akal	-D aglam n wadeg amek igga.	-Imsulya n tseddawit.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		Udemkal	-	Udemkal	-	-	Udemkal			

3-Awalen isuddimen**-Asazzal :**

Awal	Aḥar-is	Talya						Tadra	Anamek-is	Syur
Asazzal	√ZL	Tawsit		Amḍan		Addad		D asuddem(isem n wallal)	-D allal issemras umdan deg tazla.	-Imsulya n tseddawit.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		Asazzal	-	Asazzal	-	Asazzal	-			

-Iseywan:

Awal	Azar-is	Talya						Tadra	Anamek-is	Syur
Iseywan	√ΓWN	Tawsit		Amđan		Addad		D asuddem ajerruman(isem n wallal)	-D adles ttalment syas amrar, zik xeddmn syas sqef n uxxam.	-Imsulya n tseddawit.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		Iseywan	-	-	Iseywan	-	-			

-Myefken:

Awal	Azar-is	Talya						Tadra	Anamek-is	Syur
Myefken	√FK	Tawsit		Amđan		Addad		D amyay s tmerna n uzwir(mye)	-D tikci n tyawsa ger yemdanen.	-Imsulya n tseddawit.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		Myefken	Myefkent	-	Myefken	-	Myefken			

-Myezwarent:

Awal	Azar-is	Talya						Tadra	Anamek-is	Syur
Myezwarent	√ZWR	Tawsit		Amḍan		Addad		D amyay s tmerna n uzwir(mye)	-D tanmegla n taggara	-Imsulya n tseddawit.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		(-)	Myezwarent	(-)	Myezwarent	(-)	Myezwarent			

-Sdukkel :

Awal	Azar-is	Talya						Tadra	Anamek-is	Syur
Sdukkel	√DKL	Tawsit		Amḍan		Addad		D asway seg umyag s tmerna n (s)	-D asemlil n snat n tyawsiwin nay ugar.	-Imsulya n tseddawit.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		Sdukkel	-	Sdukkel	-	Sdukkel	-			

-Takerza :

Awal	Azar-is	Talya						Tadra	Anamek-is	Syur
Takerza	√KRZ	Tawsit		Amḍan		Addad		D asuddem(isem n tigawt) Yekka-d seg umyag krez.	-D tigawt i yesaxdam umdan.	-Imsulya n tseddawit.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		-	Takerza	Takerza	-	Takerza	Tkerza			

-Takessawt:

Awal	Azar-is	Talya						Tadra	Anamek-is	Syur
Takessawt	√KSW	Tawsit		Amḍan		Addad		D asuddem(isem n tgawt)kes	-D tigawt isaxdam iyersiwen.	-Imsulya n tseddawit.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		-	Takessawt	Takessawt	-	Takessawt	-			

4- Awalen ireṭṭalen

4-1- Seg taerabt

-Aḥddad :

Awal	Azar-is	Talya						Tadra	Anamek-is	Syur
Aḥddad	√HD	Tawsit		Amḍan		Addad		D areṭṭal seg tutlayt n taerabt.	-D amdan ixedmen ama d lfeṭṭa, uzzal, urey.	-Imsulya n tseddawit.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		Aḥddad	-	Aḥddad	Iḥddaden	Aḥddad	Uḥddad			

-Ajdid:

Awal	Azar-is	Talya						Tadra	Anamek-is	Syur
Ajdid	√JD	Tawsit		Amḍan		Addad		D areṭṭal seg tutlayt n ta3rabt.	-D ayen yellan d atrar deg myal tayawsa ney tagnit.	-Imsulya n tseddawit.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		Ajdid	Tajḍit	Ajdid	Ijdiden	Ajdid	Ujdid			

-Anifi:

Awal	Aẓar-is	Talya						Tadra	Anamek-is	Syur
Anifi	√NF	Tawsit		Amḍan		Addad		D areṭṭal seg tutlayt taerabt .	1-Win yesēan nnif. 2- Win yesēn lḥerma d nnif.	1-BOUAMARA Kamal,Issin,sb330. 2-Imsulya n tseddawit.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		Anifi	-	Anifi	-	Anifi	-			

-Ccetwa:

Awal	Aẓar-is	Talya						Tadra	Anamek-is	Syur
Ccetwa	√CTW	Tawsit		Amḍan		Addad		D areṭṭal seg tutlayt taerabt.	-D tasemhuyt seg tsemhay,yettili deg-s ugefur,adfel,abruri.	-Imsulya n tseddawit.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		Ccetwa	-	Ccetwa	-	Ccetwa	-			

-Ccib:

Awal	Azar-is	Talya						Tadra	Anamek-is	Syur
Ccib	$\sqrt{CB}$	Tawsit		Amḍan		Addad		D areṭṭal seg tutlayt taerabt.	-Dacebub amellal yettban-d s umata di temyer n tudert n umda dayen yezmer ad yili yer ilmezyen.	-Imsulya n tseddawit.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		Ccib	-	Ccib	-	Ccib	-			

-Ccreε:

Awal	Azar-is	Talya						Tadra	Anamek-is	Syur
Ccreε	$\sqrt{CRE}$	Tawsit		Amḍan		Addad		D reṭṭal seg tutlayt taerabt.	1-Azref. 2-Dtaydemt n ddin.	1-BOUAMARA Kamal, Issin, sb74. 2-Imsulya n tseddawit.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		Ccreε	-	Ccreε	-	Ccreε	-			

- Larebea:

Awal	Aẓar-is	Talya						Tadra	Anamek-is	Syur
Larebea	√RBḂ	Tawsit		Amḍan		Addad		D aretṭal seg tutlayt taerabt.	-D ss wis ukuz n ddurt deg tutlayat n taerabt.	-Imsulya n tseddawit.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		Larebea	-	Larebea	-	Larebea	-			

-Læskar:

Awal	Aẓar-is	Talya						Tadra	Anamek-is	Syur
Læskar	√ESKR	Tawsit		Amḍan		Addad		D aretṭal seg tutlayt taerabt.	Diserdasen ney dimdanen yessaḥbibiren yef talwit akked d laman i tmurt.	1-Imsulya n tseddawit.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		Aæsekri	-	Aæsekri	Læskar	Læskar	-			

-Leid:

Awal	Azar-is	Talya						Tadra	Anamek-is	Syur
Leid	$\sqrt{\epsilon D}$	Tawsit		Amḍan		Addad		D areṭṭal seg tutlayt taerabt.	1-Deg tmura n yinselman, ass n tmeyra, n lferḥ. 2-D ass n yinselman yetteli-d snat n tikkal des useggas.	1-BOUAMARA Kamal, Issin, sb280. 2-Imsulya n tseddawit.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		Leid	-	Leid	Leeyudat	Leid	-			

-Leemer :

Awal	Azar-is	Talya						Tadra	Anamek-is	Syur
Leemer	$\sqrt{\epsilon MR}$	Tawsit		Amḍan		Addad		D areṭṭal seg tutlayt n taerabt.	-Iccud yer umdan.	-Imsulya n tseddawit.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		Leemer	-	Leemer	-	Leemer	Leemer			

-Lefhem:

Awal	Aẓar-is	Talya						Tadra	Anamek-is	Syur
Lefhem	√FḤM	Tawsit		Amḍan		Addad		D reṭṭal Seg tutlayt taṛabt.	-D tirgin i swacu ttacealen medden times.	-Imsulya n tseddawit.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		Lefhem	-	Lefhem	-	Lefhem	-			

-Leḡwameε :

Awal	Aẓar-is	Talya						Tadra	Anamek-is	Syur
Leḡwameε	√ḠMε	Tawsit		Amḍan		Addad		D awal n taṛabt	1-Anda ttzallan yinselmen, anda qqaren warrac awal n Rebbi. 2-D adeg anda ttzalan medden.	1-BOUAMARA Kamal, Issin, sb257. 2- Imsulya n tseddawit.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		Leḡwameε	-	Lḡameε	Leḡwameε	Leḡwameε	-			

-Leḥzen:

Awal	Aẓar-is	Talya						Tadra	Anamek-is	Syur
Leḥzen	√HZN	Tawsit		Amḍan		Addad		D areṭṭal seg tutlayt taerabt.	-D yen id yettrusun yef umdan mi ara steḍru lmusiba (lahlak, lmut, lefraḡ ...etg).	-Imsulya n tseddawit.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		Leḥzen	-	Leḥzen	-	Leḥzen	-			

-Lemqes:

Awal	Aẓar-is	Talya						Tadra	Anamek-is	Syur
Lemqes	√MQS	Tawsit		Amḍan		Addad		D areṭṭal seg tutlayt taerabt.	1-Dallal s wayes farsen medden isekla. 2-D allal i yesexdam umdan i ugzam n waṭas n tyawsiwin.	1-BOUAMARA Kamal, Issin, sb249 2-Imsulya n tseddawit.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		Lemqes	-	Lemqes	-	Lemqes	-			

-Lḡar:

Awal	Aẓar-is	Talya						Tadra	Anamek-is	Syur
Lḡar	√ḠR	Tawsit		Amḍan		Addad		D reṭṭal seg tutlayt taerabt.	-Win izedyen yer tama-k, yer tama n uxxam-ik.	-BOUAMARA Kamal, Issin, sb257.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		Lḡar	Tagaret	Lḡar	Lḡiran	Lḡar	-			

-Lḥefla:

Awal	Aẓar-is	Talya						Tadra	Anamek-is	Syur
Lḥefla	√ḤFL	Tawsit		Amḍan		Addad		D areṭṭal seg tutlayt taerabt.	-D tamayra id yettilin mi ara ad tili sseba n lferḥ.	-Imsulya n tseddawit
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		-	Lḥefla	Lḥefla	Lḥeflat	Lḥefla	-			

-Lmaḥna:

Awal	Aḥar-is	Talya						Tadra	Anamek-is	Syur
Lmaḥna	√MḤN	Tawsit		Amḍan		Addad		D areṭṭal seg tutlayt taerabt.	1-Tagnit n ddiq ideg yella lhif,uguren,inezgumen. 2-D uguren id yettaf umdan deg tudert-is.	1-BOUAMARA Kamal, Issin, sb268. 2-Imsulya n Tseddawit.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		-	Lmaḥna	Lmaḥna	Lemḥayen	Lmaḥna	-			

-Lmut:

Awal	Aḥar-is	Talya						Tadra	Anamek-is	Syur
Lmut	√LM	Tawsit		Amḍan		Addad		Yekka-d seg tutlayt taerabt.	-Tamettant,ayen yellan deffir tudert.	-BOUAMARA Kamal, Issin, sb270.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		-	Lmut	Lmut	-	Lmut	-			

-Lxuf :

Awal	Azar-is	Talya						Tadra	Anamek-is	Syur
Lxuf	√XF	Tawsit		Amḍan		Addad		D areṭṭal seg tutlayt taerabt.	-Tigdi, akukru.	-BOUAMARA Kamal, Issin, sb277.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		Lxuf	-	Lxuf	-	Lxuf	-			

-Nnejma :

Awal	Azar-is	Talya						Tadra	Anamek-is	Syur
Nnejma	√NJM	Tawsit		Amḍan		Addad		D areṭṭal seg tutlayt taerabt.	-D itran i yellan deg igenni deg yiḍ.	-Imsulya n tseddawit.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		-	Nnejma	Nnejma	Nnejmat	Nnejma	-			

-Setta :

Awal	Aḥar-is	Talya						Tadra	Anamek-is	Syur
Setta	$\sqrt{ST}$	Tawsit		Amḍan		Addad		D areṭṭal seg tutlayt taḥrabt.	1-Sḍis, amḍan id-yetṭafaren semmus (5). 2-Damḍan yellan nnig semmus ddaw n ṣa.	1-BOUAMARA Kamal,Issin,432. 2-Imsulya n tseddawit.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		-	Ssetta	Setta	Settat	Setta	-			

-Ssuq:

Awal	Aḥar-is	Talya						Tadra	Anamek-is	Syur
Ssuq	$\sqrt{SQ}$	Tawsit		Amḍan		Addad		D areṭṭal seg tutlayt taḥrabt.	-Amkan anda ttayen znuzun medden sselḥa. -D adeg meqqren anida id nettaf medden snuzun aṭas n tyawsiwin.	-BOUAMARA Kamal,Issin,sb465. -Imsulya n tseddawit.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		Ssuq	-	Ssuq	Leswaq	Ssuq	-			

-Swayæ :

Awal	Aẓar-is	Talya						Tadra	Anamek-is	Syur
Swayæ	√SE	Tawsit		Amḍan		Addad		D areṭṭal seg tutlayt taerab.	1-Amur deg wass,ssaæa deg 60 n yiminuten (ddqayeq). 2-D allal iḥesben akud.	1-BOUAMARA Kamal, Issin, sb461. 2-Imsulya n tseddawit.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		-	Saæa	Saæa	Swayæ	Swayæ	-			

-Ssenæa :

Awal	Aẓar-is	Talya						Tadra	Anamek-is	Syur
Ssenæa	√SNE	Tawsit		Amḍan		Addad		D areṭṭal seg tutlayt taerabt.	-Lḥirfa yemgaraden, ixeddem umdan deg tudert-is n yal ass.	-Imsulya n tseddawit.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		-	Ssenæa	Ssenæa	Ssenæat	Ssenæa	-			

-Tasebḥit :

Awal	Aẓar-is	Talya						Tadra	Anamek-is	Syur
Tasebḥit	$\sqrt{SBH}$	Tawsit		Amḍan		Addad		D areṭṭal seg tutlayt taerabt.	-D tanza mi ara ad yecreq yitij.	-Imsulya n tseddawit.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		-	Tasebḥit	Tasebḥit	Tasebḥiyin	Tasebḥit	Tesebḥit			

-Tiḥuna:

Awal	Aẓar-is	Talya						Tadra	Anamek-is	Syur
Tiḥuna	$\sqrt{HN}$	Tawsit		Amḍan		Addad		D areṭṭal seg tutlayt taerabt.	-Damkan anda snuzun meden tiyawsiwin ama ama d uḥči ama d ayen niḍen.	-Imsulya n tseddawit.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		-	Tiḥuna	Taḥanut	Tiḥuna	Tiḥuna	Tḥuna			

-Timeqbert:

Awal	Aḥar-is	Talya						Tadra	Anamek-is	Syur
Timeqbert	$\sqrt{\text{MQBR}}$	Tawsit		Amḍan		Addad		D areṭṭal seg tutlayt taerabt.	-D amḍiq anda ggaren lmiyet.	-Imsulya n tseddawit.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		-	Timeqbert	Timeqbert	-	Timeqbert	Tmeqbert			

-Ṭṭbiḥa:

Awal	Aḥar-is	Talya						Tadra	Anamek-is	Syur
Ṭṭbiḥa	$\sqrt{\text{ṬṬḤ}}$	Tawsit		Amḍan		Addad		D areṭṭal seg tutlayt taerabt.	1-Læeqliya, tikti. 2-D ssenf n læeqliya n umdan.	-BOUAMARA Kamal,Issin,sb494 2-Imsulya n tseddawit.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		-	Ṭṭbiḥa	Ṭṭbiḥa	Ṭṭbiḥat	Ṭṭbiḥa	-			

4-2-Seg tefransist

-Aṭablu :

Awal	Aẓar-is	Talya						Tadra	Anamek-is	Syur
Aṭablu	√ṬBL	Tawsit		Amḍan		Addad		D areṭṭal seg tutlayt tefransist.	-D taflwit i deg ttarun ama s yimru neys ṭabacir.	-Imsulya n tseddawit.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		Aṭablu	-	Aṭablu	Iṭabluten	Aṭablu	Uṭablu			

-Kalitus:

Awal	Aẓar-is	Talya						Tadra	Anamek-is	Syur
Kalitus	√KLTS	Tawsit		Amḍan		Addad		D areṭṭal seg tutlyt tefransist.	-D aseklū ameqqran, imeyi -d deg umḍiq anda llan waman s waṭas.	-Imsulya n tseddawit
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		Kalitus	Takalitust	Kalitus	Ikalitusen	-	Ukalitus			

-Lakul:

Awal	Aḍar-is	Talya						Tadra	Anamek-is	Syur
Lakul	√KL	Tawsit		Amḍan		Addad		D areṭṭal seg tutlayt tefransist.	-D adeg anda lemnden inelmaden .	-Imsulya n tseddawit.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		Lakul	-	Lakul	Lakulat	Lakul	-			

-Lbuṣṭa:

Awal	Aḍar-is	Talya						Tadra	Anamek-is	Syur
Lbuṣṭa	√BST	Tawsit		Amḍan		Addad		D areṭṭal seg tutlayt tefransist.	1-Axxam iceyfen s uceyyee akked uzuzer n tebratin akked yidrimen. 2- D adeg anda i d-ttdmen medden idrimen.	1-BOUAMARA Kamal, Issin, sb 271. 2-Imsulya n tseddawit.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		-	Lbuṣṭa	-	Lbuṣṭat	Lbuṣṭa	-			

- Lgaz:

Awal	Aẓar-is	Talya						Tadra	Anamek-is	Syur
Lgaz	√GZ	Tawsit		Amḍan		Addad		D reṭṭal seg tutlayt tefransist.	1-Yettas- d seg yiqudas n nneḥḥas, yettili deg temdinin. 2-Dayen ur nettami ur nettwali yettas-d deg teqraetin ney deg yiqudas.	1-BOUAMARA Kamal, Issin, sb256. 2- Imsulya n tseddawit.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		Lgaz	-	Lgaz	-	Lgaz	-			

-Ssiman :

Awal	Aẓar-is	Talya						Tadra	Anamek-is	Syur
Ssiman	√SMN	Tawsit		Amḍan		Addad		D areṭṭal seg tutlayt tefransist.	-D allal i yessaqdac umaṣut di lebni-is.	-Imsulya n tseddawit
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		-	Ssiman	Ssiman	-	Ssiman	-			

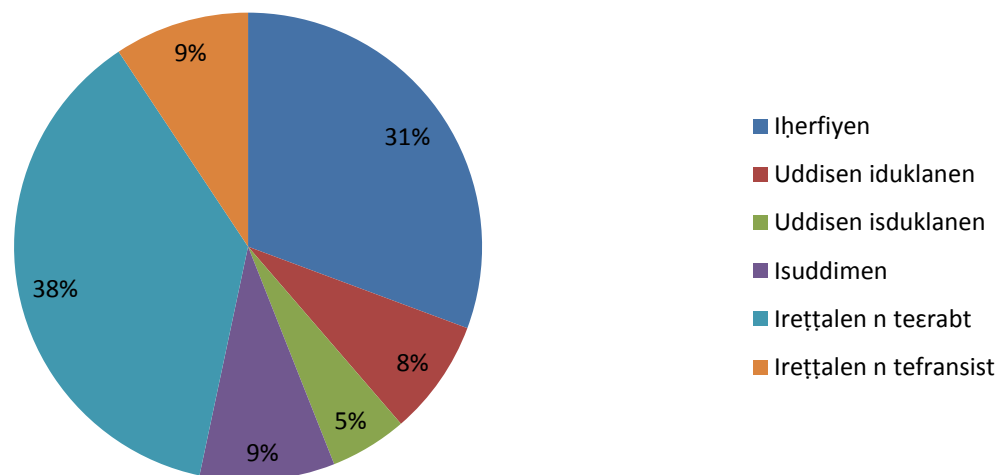
-Ṭṭabla:

Awal	Aḍar-is	Talya						Tadra	Anamek-is	Syur
Ṭṭabla	√ṬBL	Tawsit		Amḍan		Addad		D areṭṭal seg tutlayt tefransist.	-D tayawsa deg-s qqaren yrmdanen tetten.	-Imsulya n tseddawit.
		Amalay	Unti	Asuf	Asget	Ilelli	Amaruz			
		-	Ṭṭabla	Ṭṭabla	Ṭṭwabel	Ṭṭabla	-			

Igemmađ n tesleđt

Di tesleđt-a newweđ yer yigemmađ id-nebder deg tfelwit-a

Awalen	Iħerfiyen	Uddisen		Isuddimen	Iređtalen	
		Aduklan	Asduklan		Taerabt	Tafransist
Amđan	23	06	04	07	28	07
Afimidi	30,66	08	5,33	9,33	37,33	9,33
Amedya	Aman	Adrar n ufud	Iyefdeg	Takerza	Leid	Lakul

Tasidnawalt n umawal ayurbiz

Taggrayt

Γer taggara n uḥric-a nga tasleḍt i 75 n wawalen id-negmer seg wammud, nessawed nufa-d d 23 n wawalen iḥerfiyen azal n 33,66%, 10 n wawalen uddisen ;06 n wawalen uddisen iduklanan azal n 08% d 04 n wawalen isduklanen azal n 5,33%, 07 n wawalen isuddimen azal n 9,33%, 35 n wawalen ireṭṭalen ; 28 n taerabt azal n 37,33%, 07 n n tefransist azal n 9,33%. Nufa-d tuget n wawalen d ireṭṭalen. Nexdem tasleḍt ilmend n talya ; (tawsit « amalay-unti» , amḍan « asuf-asget» , addad « ilelli-amaruz »), nekkes-d aḍar i yal awal, ma d aḥric n tesnamka nessexdem asegzawal n Buemara Kamel, akked wayen id-negmer s yur yems

Taggrayt tamatut

Tazrawt-a tekcem deg tayult n tesnilest, tewwi-d yef tesleḍt tasnalyamkant n umawal ayurbiz yettusemrassen deg udlis aswir alemmas "tasuta tis snat". Amawal-a yesḥa lixṣas imi awalen i semmrassen ur ttwafhamen ara yer yinelmaden. Neṣṣaweḍ negmer-d azal n 206 n yirman yerzan laqdic-a.

Iswi n tezrawt-a d anadi yef yirman yerzan tayult n uselmed d umhaz d usnemi n umawal n tmaziyt.

Anadi-a yebḍa yef kraḍ n yehricen ;

Aḥric amezwaru n tesnarrayt, yeḥna asissen n udlis, iswi n umahil, d tarrayt i neḍfar d wuguren i d-nemlal.

Aḥric wis sin n tezri nesbadu-d tibatutin yerzan timiḍranin icudden yer tezrawt d wassayen inamkanen.

Aḥric wis kraḍ n tesleḍt tasnalyamkant i wawalen i d d-negmer, nexdem-iten ilmend n umyezwer n ugemmay, newweḍ yer yigemmad i yellan d tiririt yef isteḡsiyen i d-nefka deg tazwara, nufa-d tuḡet n wawalen d ireṭṭalen, kkan-d seg tutlayt taḡrabt.

Ter taggara nessaram ad tili tezrawt-a d tawwurt i leqdicat i d-iteddun, ad ilin-t tezrawin-nniḍen yer sdat yef umawal ayurbiz acku d aḥric iḡerzen amawal n tutlayt.

Iybula

Iybula

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Ammud

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06	Acetṭiḍ	30	26	Aksum	72
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08	Adfel	21	28	Alemsir	11
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