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Agezdu n Tutlayt d Yidles Amaziɣ



AKATAY N TAGGARA N MASTER

TASNILEST TAMAZIYT

ASENTEL

*Tasleḍt tasnalyamkant n tiram timensayin n wučči deg
temnaḍt n Yimceddalen « Tubiret »*

S yur tinelmadin

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Asnemmer

Di tazwara ad d-nini tanmirt tameqrant i mass Geṭṭaf Muḥmed i yellan d lmendad n tezrewt-a deg tazwara alami taggara.

Ad d-nsenemmer imawlan-nney i yellan yef yidis-nney seg imi nebda tayuri ar ass-a, akked d temsulya i d-yefkan isallen yef wammud.

Ad d-nsenemmer iselmaden d yinelmaden n ugezdu n tutlayt d yidles amaziɣ .

Ad d- nesnemmer akk wid iqedcen yef tmaziɣt.

Abuddu

Di tazwara ad hemdey illu i d ay-yefkan saha akken neşşawed ad d-nexddem anadi-a .

Ad buddey leqdic-ag I :

Baba d yemma ad yessiyzef Rebbi di leemer-nsen, ad ten-yehrez Rebbi .

Yaya ad yessiyzef Rebbi di leemer-is .

Atmaten-iw Hicam, Salah, Ebedlatif.

Xwali d xwalti akked emumi.

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Abuddu

Di tazwara ad hemdey illu i d ay-yefkan saha akken neşşawed ad d-nexddem anadi-a .

Ad buddey leqdic-agi I :

Imawlan-iw ezizen felli, baba d yemma i setben felli aţtas tmenniy-asen tayezi leemar d saha.

Wargaz-iw, Eadel i ibedden yidi deg yal tama, tmenniy-as ad yaweđ lebyi n wul-is.akked d twacult-is.

Yessetma yal yiwet s yisem-is : rima, randa, talwit, tagduda, inas.

Gma ezizen , ad t-iħrez Rēbbi nchallah.

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Temddakkelt-iw i yellan yidi di leqdic-a Tasaedit d twacult-is.

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Isegzal

Md : amedya.

Sb : asebter.

Atg : ar taggara.

Ml: Amalay

Nt : unti

Sf: asuf

Sg : asget.

Izamulen

—→ : Yemmal-d amk yuyal wawal ney yemmal-d kera.

= : yemmal-d aknaw

≠ : yemmal-d anemgal

« » : yemmal-d awal i d- nsuqqel.

√ : yemmal-d aẓar.

∞ : yemmal-d ulac.

Tazwert tamatut

Tazwert tamatut

Tutlayt n tmaziyt d agraw n tantaliwin (Tacawit, Tamzabit, Taqbaylit...) ayen i deg mcubant ugar n wayen i tent-isemgirden ama deg umawal ama deg temsislit. Yal tamnađt tcuba tayed deg temslayt, idles ney ansayen, yal tantala tebđa d timslayin.

Tamurt n leqbayel d tamesbayurt s yidles-is tebđa d timeslayin, yal tameslayt tegma iman-is, tettwassen s wařas n wansayen gar-asen ući i yetřfen amkan ameqqran deg temtti akked tudert n umdan n yal ass. Aniwel d tamsalt tinmettit tcudd yer tmeddurt n yal ass. Tamurt n leqbayel tetřef kra deg tjadđit-is ladya ući, imi ařas n yisufar d leřnaf n wući i yellan.

Deg umahil-a nezmer ad d-nawi ařas n wawalen deg yal tantala, maca win i wumi i nexdem tazrewt yerza kan tantala taqbaylit deg temnađt n Yimceddalen deg tayult n tesnilest d tazrewt tussnant i d-yenna Dubois, Jean «*D tazrewt tussnant n tmeslayt n umdan*»¹, yenna-d dayen Dubois, Jean: «*Deg tesnilest, amawal yemmal-d tagruma n tayunin i d yettalyen tutlayt n yiwet n temyiwant*».² Ihi ad d-naf ařas n leqdicat n yimussnawen yef umawal n tmaziyt.

Ařas n tezrawin i d-yellan yef tesnawalt gar-asant:

- Amawal n Venteure de paradis deg useggasen 1844, d amawal amezwaru n teqbaylit
- Chaker,(S),1991,*Manuel de linguistique berbère*,Ed,Bouchen,Alger.

Tazrewt-a tekki deg unnar n tesnilest, tayult n tesnalya ad d-tawi yef umawal n nwal deg tmeslayt n Yimceddalen, ad t-nexdem yef tutlayt n tmaziyt, ad tili tesleđt tasnalyamkant. Iwakken ad d-negmer am mud deg temnađt-a, yewwi-d fell-ane y ad nessemres tasastant deg unnar i deg ad d-nawi isallen s wacu ara nessiweđ yer yiswi.

Leqdic-a yebđa yef sin n yiřricen nemmeslay-d yef yiferdisen n tesnarrayt deg-s asisen n usentel; afran n usentel, iswi n usentel, aya d tarrayt ara neđfer deg umahil-a yerza tamuyli tamatut yef tezwert, ma d ařric amezwaru d ařric n tezri ayen yerzan tibadutin n tesnalya, tasnamka, tasnawalt. Ařric wis sin d tasleđt deg-s ad d-neg tasleđt tasnalyamkant i talya d unamek n wammud-nni i d- negmer deg wannar.

¹DUBOIS, Jean, *Dictionnaire de linguistique*, Ed, Larousse, Paris, 2002, P.285« *La linguistique est l'étude scientifique de langage humaine*».

² DUBOIS, Jean, *Dictionnaire de linguistique et science des langages*, Ed, Larousse, Paris, 1994, P.299 «*Le mot lexique désigne l'ensemble des unités formant le vocabulaire, la langue d'une communauté*».

Tazwert tamatut

Tayult n wučči atas n leqdicat i uqten almend n wazal i sean deg tmetti, ladya učči n zik gar-asen:

Aniwel n sisi i d-yettemeslayen yef usewwi n leqbayel akked massa Buḥamed i d-yettmmeslayen yef wučči n leqbayel deg tudrin.

Yal asentel yettwafren s tmental, ihi timental-a:

- D akemmel i tezrawin tsnilsanin i yellan yakan deg tayult n tmaziyt.
- Asentel-a d win ara d-yawin amaynut d usnerni n tutlayt n tmaziyt.
- D aḥraz wawalen n tiram timensayin seg jellu imi lweqt-a atas n yimdanen i yettun učči n zik.

Tamukrist

Deg tezrewt-a ad neḥeḍ ad d-negmer ismawen n tiram n wučči n zik deg temnaḍt n Yimceddalen yer yimsulya, i wakken ad as-neg tasleḍt tasnalḡamkant imi seg wakud yer wayeḍ nettaf-d ansayen n leqbayel ttruḥun, anda ara yili yiswi d asmekti n wučči n zik d usufey n wawalen inaṣliyen d yireṭṭalen d unamek n yismawen-a, ihi iwakken ad naweḍ yer yigmmad deg taggara n tezrewt-a yesfekk ad nadi amek ttalyen yismawen n tiram timensayin deg temnaḍt n Yimceddalen d unamek n tiram timensayin deg temnaḍt-a.

Turdiwin

- Ismawen id d-negmer deg unnar yezmer ad ilin d iḥerfiyen d uddisen ney d ireṭṭalen.
- Akk ismawen n wučči deg Yimceddalen d ismawen n tmaziyt.
- Yezmer ad yili wassay asnamkan ger wawalen-a

Iswiyen ussnanen n umahil

Nefren asentel-a acku ulac win i t-ixedmen yakan deg temnaḍt n yimceddalen yerna ismawen n wučči n zik bdan jellun, ahat atas n tiram yettwattun ihi iswiyen-a:

- D tasleḍt n talya d unamek n yismawen umawal n tiram timensayin.
- D aseḡfel n yismawen tiram n wučči n zik d useḡbiber fell-asen seg jellu.

Tazwert tamatut

- D asemmed n yimahilen yezrin i wakken ad nesbedd yiwen n usegzawal n tmaziyt n tmawalt n wučči.

Ayawas n umahil

Nebđa tazrewt-a yef sin n yiħricen:

Aħric amezwaru: d aħric n tezri anda i d-nesbadu (tasnalya, tasnamka, tasnawalt) s useqdec n yiybula i wakken tazrewt ad tesɛu lsas.

Aħric wis sin: d aħric n tesleđt, deg-s ad neg tasleđt i yismawen n wučči i d-negmer deg unnar, ilmend n talya d unamek d usuffey n uzar.

1. Asisen n usentel

Llan kra n yismawen n wučči n zik ur twasnen ara ladya deg tallit-agi n tura dayen id ay-yeğġan ad nefren asentel-a, dayen d win i icudden yer tesnilest n tmaziyt, leqdic-a ad yili d tasleđt tasnaljamkant n tiram n wučči timnsayin deg temnađt n yimceddalen almend n iswiren utlayanen ; tasnalya akked tasnamka.

2. Asisen n temnađt

Imceddalen d agraw n tuddar timezzyanin, d tayiwant tettafar yer wayir n Tubiret qqaren-as s tefransist Mayu s teqbaylit Iyil Bumlil s taerabt Mceddalah, tebeed yef Tubiret 43 n yikilumitren, d tamurt taqbaylit i yettfen deg wansayen-is ama d tafelaht, azetta, ideqqi; afexar. Tuddar-is(At ybrahim, Tamurt n uzemmur, Iyil n uyazid, At yexlef, Asif asemmađ, Ĥnif , Iwaquren, Saħriġ, Ibelbaren At walban, At ĥemmad). Qqaren-as Iyil Bumlil acku akal-is d amellal, zzint-as-d seg ugafa adrar n Ġerġer, seg unzul At menşur seg umalu Cerfa ma seg usammer Ėġiba.

Nefren tamnađt n Yimceddalen, acku dina i nettidir yef waya yeshel fell-aney ad d-negmer isallen i yef netnadi, dayen ulac tazrewt yef umawal n tiram timensayin deg temnađt n Yimceddalen yakan.

Tazwert tamatut

3. Tasastant n wannar

D tarrayt i nessemras i wakken ad d-negmer isallen deg unnar yef umahil-a yer yimsulya, asami asnarray neɗfer tarrayt n udiwenni d usekles deg unnar, ma deg tesleɗt neɗfer tarrayt n tesnalya d tesnamka

Deg tezrewt-a , neffey s annar i wakken ad d-nawi ammud yef tiram n wučči timensayin yer Yimceddalen.

Iwakken newweɗ negmer-d isallen yef leqdic-a deg tazwara yella-d s tuffya yer unnar d unadi n yimsulya yesean timusniwin yef wučči n zik nessemres adiwenni d usekles, d uwellah n yimsulya yef usentel-a, ma d adiwenni d taywalt gar umsastan d yimsulya s yiseteqsiyen usriden n teqbaylit n yal ass i yezmer yal amdan ad tt-yegzu.

Imsulya i yer id-negmer ammud-a d tilawin akk, acku dayen yerzan asewwi n wučči, tilawin-a d tid yesean tiremt akked tmussniwin, leemer-nsent ger 45 d 81 n yiseggasen. Mi neffey yer unnar negmer-d ismawen n tiram n wučči n zik deg temnaɗt n yimceddalen yer temsulya s yiseteqsiyen usriden i isehlen iwakken ad gzunt anamek-nni s teqbaylit tafessast, nefka aseteqsi agejdan s umata. Acu n tiram n wučči n zik yer Yimceddalen?

iseteqsiyen inaddayen deg-sen:

-Amek sewwayen tiram n wučči n zik?

- Mazal tiram-a tettnawalemt-tent deg Yimceddalen ?

- Anti tiram yettwassnen s waɗas deg temnaɗt-a?

4. Asisen n yimsulya

Uṭṭun	Isem	Leemer	Aswir
01	A.Fatima	50 n yiseggasen	D tafellaɗt
02	B.Ḥuriya	61 n yiseggasen	Txeddem azetta
03	B.Ḥgila	57 n yiseggasen	D taxeggaɗt
04	D.ɣnima	53 n yiseggasen	Tfettel seksu s lijara
05	D.Xelfiya	58 n yiseggasen	Txeddem ideqqi
06	F.Lwiza	79 n yiseggasen	D tafellaɗt

Tazwert tamatut

07	H.Malika	63 n yiseggasen	Txeddem tibḥirt
08	K.Zahra	71 n yiseggasen	D tafellaḥt
09	K.Samya	45 n yiseggasen	D taselmadt n tefransist
10	L.Mammas	49 n yiseggasen	Txeddem isefra
11	L.Mbarka	55 n yiseggasen	Txeddem taḍuṭ
12	M.Ėelḡiya	65 n yiseggasen	Tettebbi lmal
13	Q.Jeḡḡiga	52 n yiseggasen	Tettebrudi
14	S.Feṭṭa	62 n yiseggasen	Tettebbi lmal
15	S.Ėamila	49 n yiseggasen	Txeddem ifelfel Azeggay
16	W.Newwara	81 n yiseggasen	D tamyart deg uxxam
17	Y.Tawes	60 n yiseggasen	Txeddem tibḥirt
18	Z.Meleez	56 n yiseggasen	D tamedyazt

5.Asisen n wammud

Ammud n tezrawt-a yerza tamawalt n tiram timensayin deg temnaḍt n Yimeceddalen, negmer-d s yur temsulya 86 n yismawen n wučči n zik.

Ismawen akk i d-negmer tuget-nsen s teqbaylit tafessast, anagar n kra n wawalen nufa-ten d ijentaḍen seg teerabt maca ur ugten ara semrasen-ten s lqaleb n teqbaylit.

Ahric n tezri

Aħric n tezri

Tazwert

Tasnilest d annar wessiċen aṭas, leqdic-a d win ikecmen deg tesnilest. Deg uħric-a ad d-neereċ ad d-nemmeslay yef (tesnalġa, tasnamka, tasnawlt), yal aħric deg-sen ad d-nsebgen assayen icudden ġur-s, dayen amek i d-yettili usiley n umawal deg tmaziyt ama yef(użar, isem,asuddem, asuddes, arettal) ama d assayen isnamkanen deg tesnamka.

I. Tasnawalt

1.Tabadut n tesnawalt

Tasnawalt d aħric n tesnilest, tzerrew amawal ney tamawalt d tussna i d-yedhan d wawal, ur nezmir ara ad neqdec yef tussna ma ur nessin ara anamek-is.

Akken id-yenna Dubois, Jean: « *Tasnawalt d tazrewt n umawal n yiwet n tutlayt deg wassayen akked d yiferdisen nniden n tutlayt, imsislanen ladya taseddast, dayen yimeskaren inmettiyen idelsanen.Tasnawalt tettunaħsab d tazrewt tussnant n tmusniwin n umawal, d tayult tamaynut*». ³

Ma yella d Mounin,George: « *Tasnawalt d tussna izerwen amawal dayen temmal-d axemmem azrayan,d wuguren n usewjed n yisegzawalen*». ⁴

1. Amawal

Amawal d tagruma n tayunin s wayes ttmmeslayen yimdanen n temyiwant tamutlayt deg yiwen n wakud.

Ilmend n Mounin,George: « *Amawal d tagruma n tayunin tinamkanin n tutlayt yettwasmersen deg yiwen n wakud n umezruy-is*». ⁵

³ DUBOIS Jean, *Dictionnaire de linguistique et science des langages*, op.cit.,1994, P.181. «*La lexicologie est l'étude du lexique du vocabulaire d'une langue dans ses relations avec les autres composant de la langue, phonologique et surtout syntaxique. Et avec les facteurs, sociaux, culturelle et psychologique. La lexicologie, conçue comme étude scientifique des structures du lexique, est une discipline récente*».

⁴ MOUNIN George, *Dictionnaire de la linguistique*, Ed. Quadrige, puff, Imprimer en françe, 1994, P.203 «*La lexicologie est la science qui etude le lexique, ou le vocabulaire, disigne aussi la reflexion théorique, les problèmes de l'élaboration des dictionnaire* ».

⁵ Ibid, P.130. « *Le lexique, c'est l'ensemble des unités significatives d'une langue donnée à un moment donnée de son histoire*».

Aḥric n tezri

Dubois Jean: « *Amawal yemmal-d tagruma n tayunin i yettbeddilen tamawalt, tutlayt n temyiwant n urmud n umdan*». ⁶

Md: amawal n wučči, amawal n tefellaḥt, amawal n yimyan.

2. Awal

Awal deg tmaziyt d agraw n yisekkilen (tiyra, tirgalin) gar-asen assayen s usddukel n uẓar d usekkim.

HADDADU Mohand Akli yenna-d: « *Awal di tmaziyt d asdukkel n uẓar d uskim*». ⁷

Lehmane, Alice d Martinet-Berthet : « *Awal d tayunt tamawalant tumast n wawal tresša yef kraḍ n yiferdisen igejdanen: talya, anamek, taggayt tajerrumant*». ⁸

Md : Učči, awren , arekti.

3. Aẓar

Aẓar di tmaziyt d tigejdit i yef ibedd wawal, yebna yef ufeggag yesean anamek. Dayen i d-yettyimin mi ara nekkes ayen i d-as d-yezzin (tiyra).

Dubois Jean d wiyad: « *Aẓar d aferdis n wadda, ur nqebbel beṭtu yezdi akk igensasenn yiwet n twacult tamawalant deg yiwet n tutlayt ney tawacult n tutlayin*». ⁹

Sadiqi Fatima tenna-d: « *Aẓar deg tmaziyt yettwasiley s tegruma n tergalin iwumi nssema afeggag* ». ¹⁰

⁶ DUBOIS Jean, *Dictionnaire de linguistique et science des langages*, op.cit,1994, P. 282. « *Le mot lexique désigne l'ensemble des unités formant le vocabulaire, la langue d'une communauté, d'une activité humain....*».

⁷ HADADDOU Mohand Akli, *précis de lexicologie Amazigh*, Ed, ENAG,Alger, 2011, P.55. «*Le mot berbère c'est la combinaison d'une racine et d'un schème*».

⁸ LEHMANE Alis et MARTINET-BERTHET, *Introduction a la lexicologie syntimatique et morphologique*, Ed, Nathan/HER, 2000,P.156. « *Le mot est l'unité lexicale. L'identité d'un mot est constituée de trois élément :une forme, un sens et une catégorie gramaticale*».

⁹ DUBOIS, Jean, *Dictionnaire de linguistique* op.cit,2002, P.312«*Racine on appelle racine l'élément de base, irréductible, commun à tous les compasant sans d'une meme famille de mots à l'intérieur d'une langue ou d'une famille des langues*».

¹⁰ SADIQI Fatima, *Grammaire du berbère*, Ed,l'harmattan, 1997, P.109. « *Les racines en berbère sont formées d'un nombre variable de consonnes appelées radicales*».

Aḥric n tezri

Md: Isekkimen → √ sKm

Seksu → √ sks

Tiyrifin → √ yrf

4.1. Amawalan

D azar yezdin yiwet n twacult tamawalant yeddes s tegruma n tergalin.

Md: Yečča, učči, sečč → √ č.

4.2. Argalan

D agraw n tergalin ur nesei ara anamek zdint kan di talya yeddes s tergalin kif kif-itent mgaradent deg unamek ur llint ara d yiwet n twacult tamawalant.

Md: Ayrum → √ yrm

Iyrem → √ yrm

Tayerma → √ yrm

4-3. Asufey n uẓar

Iwakken ad d-nessufey azar ad neḍfer aya:

- Tukksa n tecraḍ d tmerna n tewsit d umḍan d waddad.
- Tukksa n tecraḍ n usuddem
- Tukksa n yizwiren d yidfiren.

Md: Tiyrifin → √ yrf.

5. Askim

Askim d tiyra i nrennu i uẓar akken ad ifek tayunt tamawalant ad yesɛu anamek.

Yer HADDADOU Muhand Akli: «*Ayen i nrennu i uẓar qqaren-as askim id-yettakken tillawt i wawal*». ¹¹

¹¹ HADDADOU, Mohand Akli, *présice de lexicologie amazigh*, op.cit,2011, P.35. « *Cette élément ajouté appelé schème, qui permet de donner une existence réelle au mot* » .

Aħric n tezri

Md: Ayrum → A....u...

Iyi → I..i

6.Taseknawalt

Taseknawalt d tussna i d-yedhan d usnulfu n yisegzawalen, tzerew tikecmin n yirman n usegzawal.

HADDADOU Mohand Akli yenna-d: « *D tussna ittekin yer tesnilest tedha-d d usuffey(asnulfu) n usegzawal* ». ¹²

7.Tasniremt

Tasniremt tzerew irman, d agraw n wawalen yerzan kra n tussna tettnadi yef tyawsa ney ismawen ur nesei ara isem, yal irem tettak-d fell-as tabadut.

Yer Cabre, Maria-Teresa tenna-d: « *Mebla tasniremt, ulac tussna, ur d-ngellem ara tifeksutin, ur tettil ara tsadurt tuzziqt* » ¹³

7.1.Irem

Irem d awal deg tesniremt, d asuyel amutlay akken d-yenna:

FERDINAND, Sausseure «*D tayunt tasnalsit tebna yef umsil d unmik*» ¹⁴

8.Areṭṭal

D tarrayt i isexdam yal amussnaw akken ad yum lexşaş yellan deg tutlayt, ayagi ittili-d s tuddma n wawalen seg tutlayt taberranit yer tutlayt-is.

Areṭṭal di tmaziyt yezmer ad yili si tantaliyin-a : am tcawit, tatergit, tacelhit, tamzabit ..., akken yezmer ad yili seg tutlayin tiberraniyin : am taerabt, tafransist ...

¹² HADDADOU, Muhand Akli, *présice de lexicologie amazigh*, 2011, op, cit, P.139. «*Est une discipline de la linguistique qui s'intéresse à la production de dictionnaire*».

¹³ CABRE, Maria Teresa., *La terminologie :théorie, méthode et application*.Ed,presse unversitaire d'Ottawa ,1998.P.149. « *Sans terminologie, il n'ya pas de science, on ne décrit pas de technique et on n'exerce meme pas une professions spécialisée*».

¹⁴ FERDINAND,Sausseure, *cours de linguistique générale*,Ed,enag, 1994,P.149. « *C'est à dire une unité linguistique comportant un signifiant et un signifié*».

Aḥric n tezri

Yer BERKAI, Abd laziz: «*Aretṭal d yiwet n tumant aseddayan anda ulac tutlayt ur yezmir ara ad yili*»¹⁵

MOUNIN, George «*Aretṭal d asekcem n yiferdisen utlayanen seg tutlayt yer tayed*»¹⁶

8.1. Agensay

Aretṭal i yellan dixel n unagraw asnilsan .

MD : Azul → ahul (berra n wammud)

8.2. Azeyray

d aretṭal yellan berra n tutlayt, yettilli-d gar tutlayt d tayed.

MD : Wid n tefransist :

Lberyuc → Tafransist

Md : Wid n taerabt :

Lmeqrud → Taerabt

Lejben → Taerabt

Lesfeng → Taerabt

I. Tasnalya

1. Tabadut n tesnalya

Di tmaziyt awal n tesnalya , d awal uddis yebḍa yef sin yihricen : tussna +talya, awal-a d aḥric seg tesnilest, d yiwet n tussna izerwen talya n wawalen d wamek yebḍa ama d isem, ama d amyag.

Seg yimusnawen d yimusnilsen i d-imeslayan fell-as :

DUBOIS, Jean « *Di tjerrumt tansayt , tasnalya tzerrew talya n wawalen ama d isuddimen , ama d tanmagla n tseddast izerwen tiwuriwin n wawalen*». ¹⁷

¹⁵ BERKAI, Abd laziz, *lexique de la linguistique, français, anglais, tamazight*, Ed, Achab, Tizi-Ouzou, 2009, P.36. « *l'emprunt est un phénomène universel dont aucune langue ne peut se passer* »

¹⁶ MOUNIN, George, *Dictionnaire de la linguistique*, Ed, quadrige, Paris, 1974.P. 124. «*Intégration à une langue d'un élément d'une langue étrangère*» .

¹⁷ Dubois, Jean, *Dictionnaire de linguistique et science des langage*, 1994, op, cit, P. 311. « *en grammaire traditionnelle, la morphologie est l'étude des formes des mot (flexion, et dérivation), par opposition à l'étude des fonctions ou syntaxe*».

Aħric n tezri

Ilmend n POLGUERE, Alian : « *tasnalya d ixef seg tesnilest, tzerrew tayessa d talya n wawalen* ». ¹⁸

2. Amyag

Amyag yemmal-d tigawt ney tayara yebna yef ufeggag akked umatar udmawan .

Yer DUBOIS Jean et autre: « *Deg tjerrumt tansayt, amyag d awal i d-yessegzayen ney yemmal-d tigit, lmeena-s d tigawt i ixedmen* ». ¹⁹

Yer BENDALI Sadaq : « *Amyag d awal ameskil ifetti. Nettaf deg-s sin n yihricen: afeggag, amatar udmawan* ». ²⁰

Md: Yečča.

Y — : D amatar udmawan.

Ečč: D afeggag.

2.1. Taggayin n umyag

Amyag deg tmaziyt yebda yef snat n taggayin tigejdanin :taggayin n yimyagen imugna ney tigawt yemmal-d tigawt. Md: Ttef, Awi, Efk. Akked umyag n tyara yemmal-d tayara. Md: Işmiđ, Irqiq.

NAIT-Zerrad Kamal: « *Llant snat n taggayin n umyag: imyagen imugna akked yimyagen n tyara* ». ²¹

2.1.1. N tigawt (amagnu)

D win i d-immalen tigawt ney ayen iderrun.

Md: Sfur, qfel, sif, seww, erek

¹⁸ POLGUERE, Alain, *lexicologie et sémantique lexicale*, motion fondamentales, les presses de l'université démontera, 2003, P.55 « *La morphologie est la branche de la linguistique qui étudie la structure des mot et forment* ».

¹⁹ DUBOIS, Jean, *Dictionnaire de linguistique et science des langage*, 1994, op,cit,P.505. « *En grammaire traditionnelle, le verbe est un mot qui exprime le procès, c'est –a-dire l'action qui le sujet faits* ».

²⁰ BENDALI, Sadeq, *Awful amaynut n tutlayt tamaziyt*, Ed, HCA,2007,P.33.

²¹ NAIT-ZERRAD Kamel, *tajerrumt n tmaziyt tamirant*, Ed, ENAG, Alger, 1995, P.73.

Aḥric n tezri

2.1.2.N tyara

D win id-yesbganen amek i tella tyawsa, seg-s nessuddum-d arbib.

Ilmend n BENDALI Sadaq yenna-d: « *Amyag n tyara d amyag aruglan i yemmalen tayara n ubdir ney addad-is (amek iga).* »²²

Md: Imlul → amyag n tyara.

Amellal → arbib.

3 .Isem

Isem di tmaziyt d aferdis n umawal yemmal-d amdan, ayersiw, tayawsa .

Ilmend MAMMERI Mouloud « *Isem yemmal-d tayawsa ama d tin iwumi ara iḥulfu bnadem ama d tin d-itexṭtiren kan di lbal , yezmer ad iseu tawsit (amalay, unti), amḍan (asuf , aseget) addad (ilelli , amaruz)* »²³

CHAKER Salem:«*Isem yettwasbadu s tdukli n uẓar amawalan , d uzenziy anisem d tecraḍ n tmara*».²⁴

Md : Seksu, azemmur, abiṣar

3.1.Ticraḍ tigejdanin n yisem

Deg yisem llant kraḍ n tecraḍ tigejdanin yal yiwet seg-sent tesbadu-d sin yiḥricen seg-sent :

tawsit (amalay, unti), amḍan (asuf, aseget), addad (ilelli, amaruz)

3.1.1.Tawsit

Deg tjarrumt, tressa yef umgired n tuzzuft.

²² BENDALI, Sadaq, op,cit, P.34.

²³ MAMMERI, Mouloud, *tajerrumt n tmaziyt (tantala taqbaylit)* Ed, awal, Paris ,1976, p.21

²⁴ CHAKER, Salem, *textes en linguistique berbère , introduction au domaine berbère* , centre national de la recherche scientifique, Paris, 1984, P.125« *le nom est défini par l'association d'une racine lexical , d un schème nominal et de marque obligatoires*»

Aḥric n tezri

Ilmend n IMARAZEN, Moussa: «*Di tmaziyt tawsit tebḍa yef sin kan n yiḥricen amalay, unti*»²⁵

3.1.1.1.Amalay

Di tmaziyt ismawen imalayen beddun s umata s : (a), (i), (u)

NAIT ZARRAD, Kamel «*Isem amalay sumata ibeddu s yiwet n teyra-a : (a,i,u)*»²⁶

Md : Aæemmuc.

Irden.

Udi .

Maca tikwal ibeddu s tergalt

Md : Lmeqrud.

Seksu

3.1.1.2.Unti

Isem unti itekk-d sumata seg yisem amalay , yettili-d s tmerniwt n "T" yer tazwara akked taggara : isem unti : T+ isem amalay +T .

Ilmend n IMARAZEN, Moussa: «*mi ara yili wunti sumata , yettili-d d asiley seg umalay, maca nrennu-as azwir n "T" yer tazwara d taggara* »²⁷

Md : Ameqful → Tameqfult

Lmeqrud → Tameqrudt.

Aḥbul → Taḥbult.

²⁵ IMARAZEN, Moussa, *manuel de syntaxe berbère*, Ed, HCA, Tizi-Ouzou, 2007, P.10.« *Le berbère oppose deux genres uniquement : le masculin et le féminin* ».

²⁶ NAIT ZERRAD, Kamel, *grammaire moderne de kabyle, tajerrumt n tmaziyt tatrart n teqbaylit*, Ed, Armand Colin, Paris, 2001, P.40. « *le nom masculin commence en général par une des voyelles initiales(ou préfixe d'état) a, i, u* »

²⁷ IMARAZEN, Moussa, *manuel de syntaxe berbère*, 2007, op, cit, P.12. « *le féminin quant à lui, est obtenu en générale ,sur la base du masculin auquel on ajoute deux (i) dont l' un est préfixé et l autre suffixé* »

Aħric n tezri

Tamawt

Llan kra n yismawen untiyen ur sein ara yiwen ufeggag mi ara uyalen yer umalay.

Md : Azger	→	Tafunast	} berra n wammud
Izem	→	Tasedda	
Tameɛttut	→	Tilawin	

3.1.2.Amɗan

3.1.2.1.Asuf

Isem asuf d isem id-immalen yiwen n umdan neɣ yiwet n tyawsa .

- Amalay

Md: Adyes

Axerrub

Aqeddid

Arkul

- Unti

Md: Tagzert.

Tameqfult.

3.1.2.2.Asget

Asget yebɗa yef kraɗ n yihricen seg-sen :

- Asget agensay.
- Asget azeyray.
- Asget s usddukel.

Aḥric n tezri

Yer NAIT ZERRAD, Kamel: « tamaziyt tesɛa asuf d usget : deg usget ad nesbadu kraḍ n yiḥricen seg-s, asget n berra (timerna n uzwir), asget n dixel (abeddel n dixel), asget uxliḍ (timerna n uzwir d ubeddel n dixel). Yella-d ubeddel n teyra i kraḍ n yiḥricen ». ²⁸

- Agensay

Deg tewsit-agi n usget, yettili-d ubeddel n teyra dixel n yisem (di tfekka n yisem)

Md :	Tahbult → Tiḥbulin	abeddel n teyra	a → i	} berra n wammd
	Amaday → Imuday	abeddel n teyra	a → i	
	Aseksut → Iseksuten	abeddel n teyra	a → i	

- Azayray

Tawsit-a n usget, yettili-d deg-s ubeddel yer berra n yisem, yettwasiley s tahrayt n yisem "N" n teggara.

Md

Akerciw → Ikerciwen.

Ayrum → Iyerman .

Aksum → Ikesman.

- Asget s usdukel n ugensay d uzayray

Tawsit-a n usget , yettili-d mi ara yili ubeddel n teyra dixel n yismawen , akked tmerna n yiwsilen yer tagara n yismawen.

Md

Tameḍluet → Tameḍluɛin .

Ibiw → Ibawen.

Taɛsbant → Tiesbanin .

²⁸ NAIT ZERRAD, K.amel, *grammaire du berbère contemporain (kabyle) Morphologie*, Ed, ENAG, Alger,1995,P.49.«Le Berbère possède un singulier et un pluriel , on distingue trois type de pluriel : le pluriel externe (ajout d un s suffixe), le pluriel interne (alternance interne) et le pluriel mixte (suffixe +alternance interne) il ya la modification de la voyelle initiale pour les trois type de pluriel (en général a devient i »

Aḥric n tezri

3.1.3.Addad

Addad di tmaziyt, d taggayt tajerrumant yesnemgalen gar snat n talyiwin :(addad ilelli, addad amaruz), ayen yettbeddilen seg waddad ilelli yer wayeḍ d amgired amezwaru n yisem .

IMARAZEN, Moussa: « *tanmegla n waddad d tulumist n yisem deg tmaziyt, aneggaru-a yebḍa yef snat n talyiwin n waddad id-yemmalen tasnalya : addad ilelli, addad amaruz* ». ²⁹

3.1.3.1.Ilelli

D addad i deg yettili yisem di talya-s tamagnut i nessen.

YHIAOUI, Mahdi: « *D tanmegla n waddad amaruz ,tiyra-ines tamezwarut ttyiment akken llant di tazwara* ». ³⁰

Md : seksu, acebbaḍ, ameqful.

3.1.3.2.Amaruz

Yettbeddil deg-s yisem talya-ines (d amgired i yettbeddilen talya) abeddel-agi yeskanay-d dakken isem-agi yeqqen ney yurez yer kraḍ n yiferdisen nniḍen .

Yer NAIT ZERRAD, Kamel: « *Addad amaruz n yisem yettili-d s ubeddel n tiyri tamazwarut d uyelluy-ines, d usezwer n (w , y) deg kra n yismawen*». ³¹

- **Asiley n waddad amaruz**

- **Abeddel n teyri (A) s teyri(U)**

Md Abelluḍ → n ubelluḍ

Acebbaḍ → n ucebbaḍ

Areqqaq → n ureqqaq.

²⁹ IMARAZEN, Moussa, *Manuel de syntaxe berbère*, 2007, op, cit, P.27. «*l'opposition d'état est l'une des spécificités de nom en berbère, en effet, ce dernier oppose deux formes d'état qui se distinguent par leur morphologie : l'état libre et l'état d'annexion* »

³⁰ YAHIAOUI Mahdi, *Essai de topologie syntaxique des expressions figées kabyle* (parler de tichy), mémoire de magister de linguistique, sous la direction, Nait Zerrad , kamal, université de Bejaia,2008-2009,P.81.« *Contrairement à l'état d'annexion dont la voyelle initiale toujours cette voyelle*»

³¹ NAIT ZERRAD, K.amel, *grammaire du berbère contemporain (kabyle) Morphologie*, 1995, op, cit ,P .62. « *l'état d'annexion de nom se manifeste par une modification affectant sa voyelle initiale dans certains contextes grammaticaux Préfixation de "W" ou "Y" et maintien au chute de la voyelle initiale* »

Aḥric n tezri

- Abeddel n teyri (I) s tmerna n (Y)

Md

Iskimen → n yiskime

Iyi → n yiḡi.

Iniyman → n yiniyman.

Ikkil → n yikkil

- Ismawen ibeddun s(A,u) n rennu-asen(W)

Md :Udi → wudi

Addad → waddad

- Ayelluy n teyra tamezwarut deg yismawen untiyen

Md : Tameqfult → n tmeqfult.

Taeṣbant → n teṣbant.

Tayeddiwt → n tyeddiwt.

Tifejyal → n tfejyal

Tamawt

Deg tmaziyt llan kra n yismawen akken i llan deg waddad ilelli, i ttiyimin deg waddad amaruz ur tbeddilen ara talya.

Md : Seksu → n seksu

Lmeqrud → n lmeqrud

Lesfanğ → n lesfanğ

Taga → n taga

4. Asiley n umawal

4.1. Asuddes

D tarrayt gar tarrayin n usiley n umawal, d asddukel gar snat n tayunin timawalanin i d-yettakken tamawalant tamaynut .

Aḥric n tezri

Yer IMARAZEN, Moussa « *Di tmaziyt llan sin yeḥricen n usuddes (asuddes s usented n yiferdisen, asuddes s usedukkel n yiferdisen)* »³²

Yer TIDJET, Mostapha, « *Asiley n wawal di tseddast, yerza asddukkel n snat n tayunin timawalanin, d usedfer n tseddast i usnulfu n tayunin timaynutin* ».³³

Asuddes-a yebḍa yef sin yihricen :

- Asuddes adduklan
- Asuddes asdukkan

4.1.1. Addukkan

D asuddes anda llant snat n tayunin timawalanin (ama d isem ney d amyag) yesdukkul-itent s wassay ajerruman tanzayt N.

Yer IMARAZEN, Moussa yenna-d : « *Mi ara illin sin yismawen ttemsedfaren , addukkan tefreq-iten tanzayt N* »³⁴

Tayunin yeddukklen zemren-t ad ilin-t :

- **Isem+ n + isem**
Md : Ayrum n lexlie.
Seksu n temzin.
Tabzizt n wudi.
Taḥbult n lmerqa.

4.1.2. Asddukkan

Yettili-d s snat n tayunin yesdukkul-itent yiwen unamek, maca war assay ajerruman gar-
asent.

- **Isem + isem :**

MD : Iferzizwi →	ifer + tizizwa	} Berra n wammud
Ayesmar →	iyes + tamert	

³² IMARAZEN, Moussa , *manuel de grammaire (syntaxe) berbère*, Ed, Amel, 2014,P.37. «*Il existe, en berbère, deux type de composes : les composes par simple juxtaposition de deux unités et les composes par lexicalisation (composés synaptiques)* »

³³ TIDJET, Mostapha, *polysémie et obstruction dans le lexique amazighe (kabyle)*, mémoire de magister de linguistique amazigh-université de Bejaia, 1979, P.104. « *C'est un procédé syntaxique de la formation du lexique, il consiste en l'assemblage d'unités lexicales, dans le respect des règles syntaxiques pour la formation de nouvelles unités* »

³⁴ IMARAZEN, Moussa, *manuel de grammaire (syntaxe) berbère*,2014, op, cit, P.15« *La succession de deux substantifs séparés par le fonctionnel N* ».

Aḥric n tezri

- **Amyag + isem**

MD : Amageraman → mager+aman

Afrawal → ffer+ awal

- **Isem + amyag**

Tifireεqest → tifiε+qqes

- **Amyag+ Amyag**

Bbirwel → bbi+rwel

- **Arbib+isem**

Ziɖlmum → ziɖ+lmum

- **Bu+ isem**

Bulfaf → Bu+alfaf

- **Bu+ amyag**

Buzelluf → Bu+ zlef

Tamawt

Llan kra n wawalen isuddimen dduklen maca yesddukel-iten wulac.

Md :

- **Isem+ amayun**

Ifelfel yeddzen

- **Isem+arbib**

Timlalin tizumbicin

4.2. Asuddem

D asiley n umawal, yettili-d s tmerna n kra n walyacen i uẓar amawalan ama d isem ney d amyag.

Ver HADADDU, Mohand.Akli: «*Asuddem yettwaḥsab d akala, seg-s izmer tutlayt ad tesnulfu awalen*»³⁵

Ver CHAKER,Salem : «*Tabadut n usuddem di tesnilest d tasekkirt n usiley n wawal d tuddsa n uferdis amawalan d walyac ajerruman* ».³⁶

4.2.1. Ajerruman (asmawan)

D asuddem i ittbeddilen i wawal taggayt taseddast, s tmerna n tecraɖ n yisem.

³⁵ HADDADOU, Mohand Akli, *structure et signification en berbère (kabyle)*Ed, Aix en province , 1985,P.87«*La dérivation est considérée comme une procédure formelle grâce a la quelle une langue peut former des mots* »

³⁶ CHAKER, Salem, *Dérivation (linguistique), en berbère (kabyle)*, Ed, Aix, en province, 1985, Articl 1 «*la dérivation se défiant en linguistique générale comme la procédure de formation de mot combinaison d un élément lexical et d' un morphème grammatical*»

Aḥric n tezri

Ilmend n wamek d-yenna : BERKAI,Abd laziz: «*D asddukel ger walyacen ijerrumanen deg wammuy iyelqen s unmawal*». ³⁷

Md : Azemmur → Tazemmurt

4.2.2.Amyagan

D asuddem seg umyag akken ad d-nessufey awalnut.

Tuget n wawalen ttwasuddmen-d seg umyag.

Ad d-naf deg-sen :

4.2.2.1.Asuddem n umyag seg umyag

D yiwet seg tarrayin n usuddem ajerruman, tettili-d sumata s tmerna n yizwiren isuddimen : asway, attway, amyay .

- Asway

Yemmal-d amigaw, d netta id sebba n tillin n tigawt, maca d netta i tt-ixeddmen, yettili-d s tmerna n tmattart **S** , **SSU** , **SSE** n usuddem i ufeggag .

MD : Ečč → Sečč

Ffey → Ssufey

Kcem → Ssekcem

- Attway

talya-agi n uttway nrenu-tt i ufeggag n umyag, yemmal-d d akken tigawt tettwaxdem s yur umigaw ur nelli ara, yettili-d s tmerna n yizwiren-a : **mm,nn, ttwa, ttu,**

MD : Ečč → mmečč

Qleb → nneqlab

Msel → ttwamsel

Fek → ttunefk

³⁷ BERKAI,Abd laziz, *lexique de la linguistique, français, anglais, tamazight* , 2009,op,cit, P.41.«*La dérivation grammaticale consiste à combiner des morphèmes grammaticaux, en nombre très réduit et en liste fermée, avec des lexèmes*»

Aḥric n tezri

- Amyay

yemmal-ad tigawt tettwaxdem, yettili-d s tmerna n yizwiren-a : **mye,my,m**

MD : xdem → myexdem

Zlu → mzel.

Ddez → myeddez.

4.2.2.2.Asuddem n umyag seg yisem

Md : Tameqfult → qfel.

Tameḍluet → tlee.

Areqqaq → rqiq.

Timegzert → gzer

4.2.2.3.Asuddem n yisem seg umyag

seg umyag nezmer ad d-nessuddem, isem n tigawt, isem n umeskar, isem n wallal

- N Tigawt

isem n tigawt yeskan-d tigawt n umyag

Yer NAIT ZERRAD, Kamel, sb 121 : « *Isem n tigawt yemmal-d tigawt yettwaxdmen, nessiliy-it-id seg umyag* »³⁸

MD : Yiwel → ayiwel } Berra n wammud
Nadi → anadi }

- N umeskar

yemmal-d win ixedmen tigawt yettili s tussda n tergalt talemast ney s tmerna n am,an,

Zdem → azeddam } Berra n wammud
Emer → anaemar . }
Aru → amaru. }

³⁸ NAIT ZERRAD, Kamel, *grammaire du berbère contemporain (kabyle) morphologie*, 1995, op, cit ,p.121. « *Le nom d' action signifie le fait de réaliser ou subir l' action exprimé par les verbes* ».

Aḥric n tezri

- N wallal

yemmal-d allal s wacu nezmar ad nexdem tigawt .

MD : Qfel → Aqfal.

Msel → Tamessalt.

Qlu → Tameqliwt.

- Arbib

Asuddem n urbib yettili-d seg yimyagen n tyara.

Md : Imlul. → Amellal

Imyur → Ameqqran.

4.2.3. Awşilan

Yettili-d s tmerna n yizwiren d yiwsilen « bu » ney « abu »

Md : Aberčečču

Bulfaf

4.2.4. Anfalan

D win id-igellun s ubeddel n unamek, yeena ismawen d yimyagen

Yer TIDJET, Mostapha: « *D allal I d-yeskanen azal deg yiḥricen n yinaw, yettakk azal i tesnamka* »³⁹

Ihi asuddem anfalan, yettili-d s wallus n yisem, amyag.

- Allus n umyag

Md : Ftel ftel.

- Allus n yisem

Md : Tadebsit tadebsit.

Azemmur azemmur.

³⁹ TIDJET, Mostapha, op, cit, P.94. « *C'est un procédé qui permet la mise en valeur d'un des parties d'un discours. Elle s'obtient généralement par répétitions d'un l'lexème et exprime la valeur sémantique* »

Aħric n tezri

- **Allus n tergalt tamezwarut**

Md : Bibras → « b »

- **Allus n tergalt tis snat :**

Md : Acexcux → « c »

Ifelfel → « f »

- **Allus n tergalt tis kraḍet**

Md : Tayiyact → « y »

II. Tasnamka

1. Tabadut n tesnamka

Tasnamka d aħric n tesnilest, d tussna i xeddmn tazrewt i unamek n tayunin n umawal d wassayen yellan gar-asen.

Yur LEHMANN, Alice et MARTIN-BERTHET: «*Tasnamkad tusna tamawalant, d tazrewt n unamek n tayunin timawalanin*». ⁴⁰

Ilmend n SADIQI, Fatima: «*Tasnamka tettnadi srid yef unamek, d tayult n tesnilest tettnadi yef unamek amezwaru n wawlen uddusen n tefyar*». ⁴¹

Md: Taeṣbant anamek-is: taeṣseb, lmeena-s teddukel tennejmae tebren d takurin.

2. Assayen isnamkanen

D agraw n wawalen sean gar-asen assay, ihi ad d-nebder deg-sent:

⁴⁰ LEHMANN, Alis et MARTINE-BERTHET, *lexicologie sémantique, morphologie, lexicographie*, Ed, Armand colin, 2003, P.11. «*La sémantique lexicale a pour objet l'étude du sens des unités lexicales* ».

⁴¹ SADIQI Fatima, op.cit, P.233 «*La sémantique s'articule donc directement autour de la notion de sens[...]c'est la branche de la linguistique qui s'occupe de tout se qui a trait au sens premier de mot, des syntagmes ou des phrases*».

Aħric n tezri

2.1.Assay n umaway akked uttwawi

2.1.1.Amaway

D assay gar wassayen isnamkanen yettili-d d amatu d agejdan yemmal-d aħric ameqqran ney aħric seg waṭas.

DUBOIS, Jean yenna-d: «*Amaway d assay yezdin amatu yer wulmis*». ⁴²

Md: Tiram n wučči

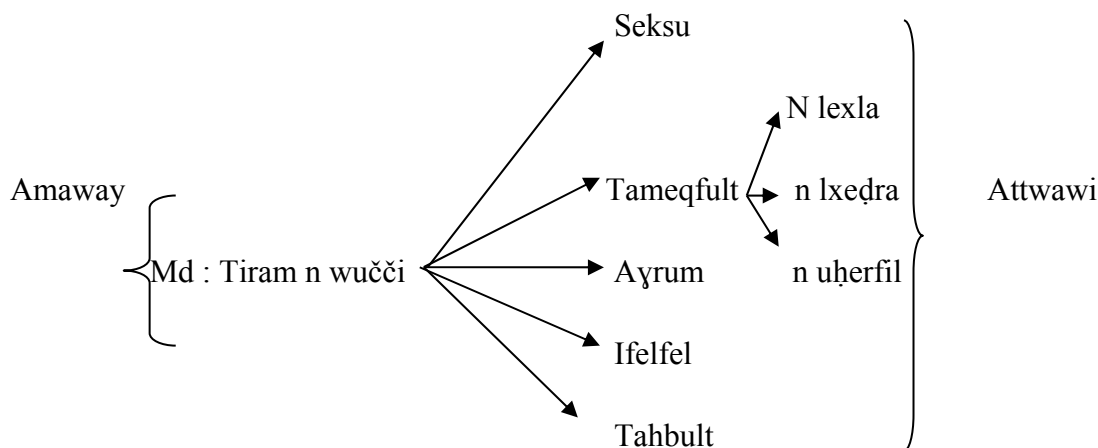
2.1.2.Attwawi

D anemgal n umwawi yettili-d seg wulmis yer umatu. D tayunt i d-yefrurin deg tayunt tagejdant yella wassay ger-asant.

LEHMAN,Alice et MARTIN-BERTHET uran-d: «*Assay n uttwawi d assay n umeyllet i d-yemmalen awal uslig yer wawal yellan d amatu qqaren-s amaway*». ⁴³

Tamawt

Deg kra n tsuraf nettaf-d attwawi yettuṭayal d amwawi d amatu seān assay deg yiwet n twacult. Md:



⁴² DUBOIS, Jean, *Dictionnaire de linguistique et science des langage*, 1994, op, cit, P.236. « On appelle hyperonymie le rapport d'inclusion de plus générale au plus spécifique ».

⁴³ LEHMAN, Alice et MARTIN-BERTHET, *lexicologie sémantique, morphologie, lexicographie*, 2003, op, cit, P.73. « La relation d'ypéronymie est une relation hiérarchique qui unit un mot spécifique (sous-ordonné), l'hponyme, a un mot plus générale (superordonné), nommé l'yperonyme ».

Aħric n tezri

2.2.Assay n tegdazalt d tenmegla

2.2.1.Tamegdawalt

D sin ney ugar n wawalen d aknawen sean yiwen n unamek, ney d sin wawalen mgaraden deg talya sean yiwen unamek .

Yur LEHMAN,Alice akked MARTIN BERTHET: «*Tamegdawalt d assay n tegdazalt tasnamkant ger sin ney ugar n tayunin timawalanin i d-yettaken amgired deg talya*». ⁴⁴

Md: Tibraryin = berkukes

Acebbađ = Aceggađ, Acewwađ

Aqdid = Acedluđ

Timllalin tizumbicin = Timllalin tuftiyin

2.2.2 Tanmeqlawalt

D tanmegla tettili-d gar sin n wawalen mgaraden ama deg talya ama deg unamek.

LEHMANN, Alice akked MARTIN-BERTHET «*Tanmeqlawalt temmal-d awalen inemgalen deg unamek*». ⁴⁵

Md : Azidan ≠ Arzagan.

Ameryan ≠ Amessas.

2.3Taynisemt

Taynisemt temmal-d sin n wawalen kif kif-iten deg talya maca mgaraden deg unamek.

LEHMAN, Alice akked MARTIN-BERTHET uran-d: «*Taynisemt d izamulen yemgaraden, deg talya kif kif maca deg unmik yemxalaf*». ⁴⁶

Md1: Iskimen → D imyan sewwayen-ten i wučči.

⁴⁴LEHMAN,Alice et MARTIN-BERTHET, *lexicologie sémantique, morphologie, lexicographie*,2003 op, cit, P.79.« *Est la relation d'équivalence sémantique entre deux ou plusieurs unités lexicales dont la forme diffère*».

⁴⁵Ibid, op,cit, P.84. «*Les antonymes sont définis comme des mots de sens contraire*».

⁴⁶LEHMAN,Alice et MARTIN-BERTHET, *Lexicologie sémantique, morphologie, lexicographie*,2003, P.93 « *Les homonymes sont des signes distincts en ceci que leur forme est identique et que leur signifiés différent*».

Aḥric n tezri

Iskimen → D alyacen ttilin d tiyra i nrenu i uzar deg tmaziyt.

Md2: Addad → D imyi seqqayen fell-as seksu.

Addad → Yettili-d deg tjerrumt n tmaziyt.

2.3.1. Aynudlif

D sin n wawalen kif kif-iten deg tira maca mgaraden deg unamek.

MOUNIN, George : « *D talya tesa yiwet n tira akked unamek yemgaraden* ». ⁴⁷

Md : Tura → D akud.

Tura → D amyag d tira. } (Berra n wammud).

2.3.2. Ayniyri

D awalen mgaraden deg tira mgaraden deg unamek maca sean yiwen n ususru.

MOUNIN, George yenna-d: « *D talya yesean yiwen n ssut deg ususru maca yemgarad deg unamek* ». ⁴⁸

Md: Aru → D tira.

Arew → D tarrawt } (Berra n wammud)

2.4. Tagetnamka

Tagetnamka d yiwen n wawal yesea atas n yinumak.

Yur LEHMAN, Alice akked MARTIN-BERTHET « *Yiwen n uzamul yesea atas n yinumak (atas n usexdem)* ». ⁴⁹

Md1 : Ixef → D ikerri (yezla ixef n leid.)

Ixef → D tazwart n kra n tyawsa (imudd-s ixef n utyu).

⁴⁷ MOUNIN, George, *Dictionnaire de la linguistique*, 1974, op, cit, P.90. « *forme ayant la meme graphie et des sens different* ».

⁴⁸ Ibid, P.164. « *Forme ayant meme son et de sens differents* ».

⁴⁹ LEHMAN, Alice et MARTIN-BERTHET, *Lexicologie semantique, morphologie, lexicographie*, 2003 op, cit, P.71. « *Un meme signe servant à plusieurs usage* ».

Aḥric n tezri

Ixef → D aqerruy(d argaz i d ixef n wexxam).

Md 2: Ticuftin → yečča ticuftin deg yimkli.(d učči).

Ticuftin → uraren warac s tecuftin deg leid (allal n turart).

Md 3: Aksum → nawlen deg tmeyra seksu d uksum(d učči)

Aksum → yečča aksum n gma-s deg lbaṭel (iḍlem-it)

2.5.Taynamka

D umsil yesēa yiwen unmik ney yiwen n wawal yesēa yiwen n unamek.

DUBOIS, Jean : «*Alyac ney awal aynamek, mi ara yesēu yiwen n unamek, d anemgal n wawalen yesēan aṭas n yinumak*». ⁵⁰

Md

Seksu : Yettwaftal deg uxxam s yifassen, s smid ney win n temẓin, s waman yesēan tisent, ad ttrucunt deg-s ad reggint akken ad yebzeg, ad t-sēeddint deg sin n yiṣerbalen akken ad yirqiq seksu, wa ad d-ifur deg useksut wa ad d-iēddi deg uyerbal mi yehma i tikkelt tis kraḍet imaren ad yefser akken ad yeqqar .Seqqayen-t s lmerqa ney llan wid it-tetten d lmesfuf .

Anamek-is ahat yekka-d seg: Sukk, asukku lmeēna-s iēdda-d deg yiṣerbalen, ikka-d deg waṭas n yiberdan akken yuṣal d seksu

⁵⁰ DUBOIS, Jean, *Dictionnaire de linguistique et science des langages*, 1994, op, cit, P.309. «*Un morphème ou un mot sont monosémiques quand il n'ont qu'un seul sens, par opposition aux mots qui ont plusieurs sens*».

Aħric n tezri

Taggrayt

Deg uħric-agi n tezri newwi-d awal yef tfurkac icudden yer tesnalya d tesnamka d tbadutin s yur imussnawen, dayen nemmeslay-d yef tesnawalt ama(amawal, awal, azar, askim, taseknawalt,tasniremt), akked tesnalya newwi-d awal yef umyag d taggayin-is sin akin nemmslay-d yef tecrađ tigejdanin n yisem(tawsit, amđan, addad)akked yiberdan n usiley n umawal (asuddem,asuddes,aređtal), ma d tasnamka nemmeslay-d yef wassayen isnamkanen yellan gar tayunin n umawal amwawi, attwawi , tamgedawat,tanmeglawalt, taynisemt, tagetnamka, taynamka).

Ahric n tesledt

Aħric n tesleđt

Tazwert

Deg yal tazrewt nxeddem fell-as anadi ad d-næddi yef uħric-a n tesleđt, deg tezrewt-a nexdem tasleđt tasnalyamkant i umawal n tiram timensayin deg temnađt n Yimceddalen . Tasleđt i neđfer deg umahil-nney d tarrayt tamirant s useqdec n tfelwit i yal awal deg wammud.

Tasleđt-a terza sin yiħricen : aħric n talya, aħric n unamek

Aħric n tesnalya di tazwara neeređ ad d-nessismel akk tiram yerzan ammud-a ilmend n usismel n ugemmay, sin ħur-s nebđa awalen-a ilmend n talya-nsen : ama d iħerfiyen, ama d uddisen,ama d isuddimen,ama d iretalen.

Nekkes-d akk ismawen yerzan ticrađ tigejdanin n yisem : tawsit, amđan, addad, akked d uzar n yal awal .

Aħric n tesnamka d asegi n yal awal s tbadut, almend n yimsulya, sin akkin nekkes-d assayen isnamkanen i yal awal ama tamegdawalt, tagetnamka, taynisemt, taynamka.

1.Tasleđt n wammud

1.1.Ismawen iħerfiyen

1. Ayrum

1.Tasleđt tasnalyant

Talya	Awal	Azar	Ticrađ tigejdanin n yisem					
	ayrum	ayrum	Tawsit		Amđan		Addad	
			Ml	Nt	Sf	Sg	Ilelli	Amaruz
			ayrum	⊗	ayrum	Iyarman	ayrum	uyrum

Aħric n tesleđt

2.Tasleđt tasnamkant

Anamek	S yur imsulya aheggi-is	Yettwaxdam s smid, d tisant, d zit n tzemmut, ad yaxleđ ad yaerek s waman, ad yasiđar s yifasen, ad yexdem tihbulin ad yeww deg bufrac, teččen-t s zit n tzemmut d ifelfel . *Tisent : At zik qarent i lemlađ
Anamek-is		Yekkad deg ayram semman-as ayrum imi ad tyermeđ aebuđ mi ara yellaz ad teččeđ akken ad yerwu.
S yur (J.M) Dallet		Ayrum d arekti ieejnen, yewwan d tađbult ma meqqart tađbult-nni qqaren-as awackan.sb (300)
Assay asnamkan		D tamegdawalt, ayrum= tawackant=(papa) n tiđu .

2.Acewwađ

1.Tasleđt tasnalyant

Talya	Awal	Azar	Ticrađ tigejdanin n yisem					
	Acewwađ	√cWđ	Tawsit		Amđan		Addad	
			Ml	Nt	Sf	Sg	Ilelli	Amaruz
			acewwađ	∞	acewwađ	∞	acewwađ	ucewwađ

2.Tasleđt tasnamkant

Anamek	S yur imsulya aheggi-is	Xeddmn-t-as smid, d tisant, d waman ad yaerek, ad qarsen-t tihbulin timactah ad wwen-t deg bufrac,ad d-tfetn yer lmareqa ney yer uyefk.
Anamek-is		Semman-as acebbađ imi ur yesei ara zzit dayen d reqqaq.
S yur Dallet		Acebbađ icuba-t yer teyrifintin tirqaqin mliđ xeddmn-t deg uyefki ney deg lmerqa win iqesden acebbađ yečča-t, win i qesden ifeggagen yebi-ten.sb(116)
assay asnamkan		D tamegdawalt acebbađ= aceggađ .

Aħric n tesleđt

3.Adyes

1.Tasleđt tasnalyant

Talya	Awal	Azar	Ticrađ tigejdanin n yisem					
Adyes	√dys	Tawsit	Amđan		Addad			
		Ml	Nt	Sf	Sg	Ilelli	Amaruz	
		Adyes	∞	Adyes	∞	Adyes	Udyes	

2.Tasleđt tasnamkant

Anamek	S yur imsulya aheggi-is	D ayefk amazwaru ara d-tezgeđ si tfunast, ney tayat, mi d-turew maca uqbel ad tt-yetted mmi-s, ad yimir yer tbijit ad yeww di tmest ad as-ternuđ timellalin ad yerwi akken ad yeww .
Anamek- is		At zik qqaren-as iyas acku yettek-d seg yiyes yef waya i semman aka.
S yur Dallet sb(149)		Adyes d ayefki amazwaru n tfunast ney n tayadđ, sewwayen deg-s acewwađ ttefraquen-t i leivad d tiremt.
assay asnamkan		D taynameka .

1.Tasleđt tasnalyant

4.Aqeddid

Talya	Awal	Azar	Ticrađ tigejdanin n yisem					
aqeddid	√qDd	Tawsit	Amđan		Addad			
		Ml	Nt	Sf	Sg	Ilelli	Amaruz	
		Aqeddid	∞	Aqeddid	∞	Aqeddid	Uqeddid	

Aħric n tesleđt

2.Tasleđt tasnamkant

Anamek	S yur imsulya aheggi-is	D aksum ad as-txedmed, cwit n tisent ad t-tegğed i yitij ad yeqqar, ad d-teggaređ yer lmraqi
Anamek-is		Qqed lmaena-s imi yeqqed deg lemlah d yitij, dya semman-as aqeddid
S yur Dallet sb(900)		Isem-is lexlíe d aksum n lemal ad tfesred ad yekaw ad yejax
assay asnamkan		D Tamegdawalt aqeddid= acedluh,lexlie.

5.Arkul

1.Tasleđt tasnalyant

Talya	Awal	Azar	Ticrađ tigejdanin n yisem					
			Tawsit		Amđan		Addad	
			Ml	Nt	Sf	Sg	Ilelli	Amaruz
	Arkul	√rk1	Arkul	∅	Arkul	∅	Arkul	Urkul

2.Taseđt tasnamkant

Anamek	S yur imsulya	D timzin ara d-tjemeed si lexla, ad fesrent deg yitij akken ad qqarent ad brint ad uyalent d awren, rennun-asant tisent d zzit d waman yehman ad kewwrent d timđewrin, ttawin-tent teslatin asma ara teddu s axxam n yiεeggalen .
Anamek-is		semman-as arkul yekka-d deg umyag yerki lmaena-s d taguri n yisufar d waxlađ-is.
S yur Dallet sb(722)		D timzin ad irident deg waman ad brint ttwaččant s zzit n uzemmur d sker. Arkul yeweer i ublaε ma teffzet s tullya n yimi .
assay asnamkan		D taynameka .

Aħric n tesleđt

6.Abişar

1.Tasleđt tasnalyant

Talya	Awal	Azar	Ticrađ tigejdanin n yisem					
	Abişar	√bşr	Tawsit		Amđan		Addad	
			Ml	Nt	Sf	Sg	Ilelli	Amaruz
			Abişar	∅	Abişar	∅	Abişar	Ubişar

2.Tasleđt tasnamkant

Anamek	S yur imsulya aheggi-is	D ibawen yeqquren, ttağğan-ten ama æetqen ad ten-id-kksen ad qqaren deg yitij, ad ten-sewwen deg waman, ad asen-xedmen lmerqa-is s tebşeldt d tbatatatt d tmiçuct, llan wid yeggaren aqeddid ney aksum ney ayaziđ yer dixel, mi tewwa ad gren ibawen-nni yewwan yer lmerqa seqqayen yes-s seksu ama d win n temzin ney win n smid .
	Anamek- is	Semman-as abişar imi d imceťah mlh yekkad deg bisa, qaren-t i cwit.Dayen sean anamek ibawen n tegarsa semman-as akka imi d yekka deg tyarza s wallal n tgersa dya fkan-as isem-agi
	S yur Dallet sb (54)	Abişar d lmerqa n ibawen yeqquren yettwačçay s seksu
	assay-is	D tamedgawalt abişar = ibawen n tegarsa.

7.Amejjud

1.Tasleđt tasnalyant

Talya	Awal	Azar	Ticrađ tigejdanin n yisem					
	Amejjud	√Jđ	Tawsit		Amđan		Addad	
			Ml	Nt	Sf	Sg	Ilelli	Amaruz
			Amejjud	∅	Amejjud	∅	Amejjud	Umejjud

Aħric n tesleđt

2.Tasleđt tasnamkan

Anamek	S yur imsulya	D ayrum ad tessefruriđ alma yenyed ad as-ternuđ zzit n tezmurt , llan kra renun-as ifelfel yeddzen teččen-t.
	Anamek-is	Ssemman-as amejuđ imi d aemaj i teemajen lmaena-s yeemej zit d uyrum .
	assay asnamkan	D taynameka .

8. Ifujilen

1.Tasleđt tasnalyant

Talya	Awal	Azar	Ticrađ tigejdanin n yisem					
	Ifujilen	√fjl	Tawsit		Amđan		Addad	
			Ml	Nt	Sf	Sg	Ilelli	Amaruz
			Ifujilen	∞	Afujil	Ifujilen	Ifujilen	Yifujilen

2.Tasleđt tasnamkant

Anamek	S yur imsulya	D imyi yettili deg lexla deg tegrest icuba ciflur d acu kan wigi mačči d imellalen sfurrun-ten ney serkamen-ten ttran-ten yer tmellalin ney tibselt .
	assay asnamkan	D taynameka .

9.Isekimen

1.Tasleđt tasnalynt

Talya	Awal	Azar	Ticrađ tigejdanin n yisem					
	Isekimen	√skm	Tawsit		Amđan		Addad	
			Ml	Nt	Sf	Sg	Ilelli	Amaruz
			Isekimen	∞	Asekim	Isekimen	Isekimn	Yisekimn

Aħric n tesleđt

2.Tasleđt tasnamkant

Anamek	S yur imsulya aheggi-is	Ttawin-ten-id seg udrar d irqaqen d ileggyanen am yiiewzan ad furen ad t-nerren yer tebselt d ticert, llan wid isen-xeddmn timellalin
	Anamek-is	D imyi semman-as isekimen imi sennan am isekkinen.
	assay asnamkan	D taynisemt aynudlif imi nesea isem askim deg tmaziyt nesea askim d uċči tira kifkif anamek yemgarad.

10.Iniyman

1.Tasleđt tasnalyant

Talya	Awal	Azar	Ticrađ tigejdanin n yisem					
	Iniyman	√nyṃ	Tawsit		Amđan		Addad	
			Ml	Nt	Sf	Sg	Ilelli	Amaruz
			Iniyman	⊗	Iniyem	Iniyman	Iniyman	Yiniyman

2.Tasleđt tasnamkant

Anamek	S yur imsulya aheggi-is	Xedmen-as smid, d cwiť n zzit d tisent ad yexleđ ad teċċen d iniyman Mi wwan-t tbexsisin mlih yellin-t-d d iniyman..
	Anamek-is	Semman-as iniyman imi llan wid n uzenġġer wid n tlekkakt wid n tyanimt mgaraden deg yini fkan-as isem iniyman
	S yur Dallet sb (298)	D tibexsisin ijxen ttuyalent d iniyman.
	Assay asnamkan	D taynameka .

Aħric n tesleđt

11. Iyi

1. Tasleđt tasnalyant

Talya	Awal	Azar	Ticrađ tigejdanin n yisem					
	Iyi	√y	Tawsit		Amđan		Addad	
			Ml	Nt	Sf	Sg	Ilelli	Amaruz
			Iyi	⊗	Iyi	⊗	Iyi	Yiyi

2. Tasleđt tasnamkant

Anamek	S yur imsulya	Ad d-tezgeđ lmal ney tafunat ney tixsi, ad d-teksed ayefki seg-s ad t-tetređ yer dixel n tqessult ad t-tessenduđ akken ad yikil alama yufrar-d wudi, ad as-rnun cwit n waman isemmađen akken ad yeddukel wuđi-nni ad d-yettwakkes, wina d-yegran ad d-yeffey d iyi .
	S yur Dallet sb(599)	D ayefki, am aman d yiyi neqqar-it mi ara nebyu ad nefreq ger snat n tyawsiwin.
	assay asnamkan	D taynameka .

12. Iwzan

1. Tasleđt tasnalyant

Talya	Awal	Azar	Ticrađ tigejdanin n yisem					
	Iwzan	√wz	Tawsit		Amđan		Addad	
			Ml	Nt	Sf	Sg	Ilelli	Amaruz
			iwzan	⊗	⊗	Iwzan	Iwzan	Yiwzan

Aħric n tesleđt

2. Tasleđt tasnamkant

Anamek	S yur imsulya aheggi- is	Teksen-d irden izegzawen ad t-neġġen ad qqaren deg yiġij, ad t- nezden deg tessirt meena ad ilin zurit akken ad d-ffyen d iwzan. Garen-ten yer daxel uqsul ad s-nernun aman yimuzejlen ad wwen deg-sen mi wwan ad dehnen s zzit n tzemmut .
Anamek- is		Yekka-d deg wuzzu imi tezzun irden.
S yur Dallet sb(599)		D irden ara d yegrin mi ara megren, afrux i ileqden iwzan
assay asnamkan		D taynameka .

13.Lmeqruđ

1.Tasladt tasnalyant

Talya	Awal	Azar	Tawsit		Amđan		Addad	
			Ml	Nt	Sf	Sg	Ielli	Amaruz
	Lmeqruđ	√qrđ	Lmeqruđ	Tamqruđt	Tamqruđt	Lmeqruđ	Lmeqruđ	∞

2.Tasleđt tasnamkant

Anamek	S yur imsulya	Wagi d uċċi i xeddmn deg tmeyra, leid ...atg; llan wid i t-ixeddmn s tewzit, llan wiyad s uwren, zzit, lemleħ, aman, ad tgeđ snat n teħbulin ad seunt ttmer daxel
Anamek-is		Yekka-d seg umyag qređ lmaena-s gzem qaren-t at zik, dayen lmeqruđ imi tgezzmen d timeqruđin . Tamawt ur yelli ara d arettal acku nuf-d at zik qqaren qređ ney gzem.
Assay asnamkan		D Taynamka

Aħric n tesleđt

14. Taeşbant

1. Tasladt tasnalyant

Talya	Awal	Azar	Ticrađ tigejdanin n yisem					
	Taeşbant	√eşbn	Tawsit		Amđan		Addad	
			MI	Nt	Sf	Sg	Ilelli	Amaruz
			∞	Taeşbant	Taeşbant	Tieşbanin	Taeşbant	Teeşebant

2. Tasleđt tasnamkant

Anamek	S yur imsulya aheggi-is	Ad as-txedmed tassemt, timellalin, ticert, lkesber, lebsel,limituc d uwren, syin ad txelđeđ kullec ad tent-txedmeđ d timdewrin , ad tent-sfurent deg tseksut , mi wwant tæesbanin-nni , ad tent-rren yer lmerqa
	Anamek-is	D isem yekkad seg iæşşeb, imi teddukel tebren d tikariyin. Tamawt taşbant dayen ur telli ara d aređtal imi nufa zik yella umyag eşşeb ddukel
	assay asnamkan	D Taynamka.

Aħric n tesleđt

15. Tifejyal

1. Tasleđt tasnalyant

Talya	Awal	Azar	Ticrađ tigejdanin n yisem					
	Tifajyal	√fjyl	Tawsit		Amđan		Addad	
			Ml	Nt	Sf	Sg	Ilelli	Amaruz
∞	Tifejyelt	Tifejyelt	Tifajyal	Tifajyal	Tifejyal	Tifejyal		

2. Tasleđt tasnamkant

Anamek	S yur imsulya aheggi-is	D ibawen n tfellaħt, xedmen-ten s tebselt, d zrudiya, tabaťat, ticert , tamituct, ggaren-asen aman d ifelfel azeggay i lmerqa-is ttewwan akken .
Anamek- is		Tilqaqin yef waya i sefkan isem-agi tifejyal d taclimt-nni n ufella dixel-is ibawen.
S yur Dallet sb(57)		D ibawen yekka-d deg abawbaw
Assay asnamkan		D Taynamka.

16. Tifeywa

1. Tasleđt tasnalyant

Talya	Awal	Azar	Ticrađ tigejdanin n yisem					
	Tifeywa	√fyw	Tawsit		Amđan		Addad	
			Ml	Nt	Sf	Sg	Ilelli	Amaruz
∞	Tifeywa	Tafeywett	Tifeywa	Tifeywa	Tifeywa	Tifeywa		

Aħric n tesleđt

2. Tasleđt tasnamkant

Anamek	S yur imsulya	Ttilin-t deg tebhirt, d taqerrut tesea iferrawen wa yef wa zur-it sewwayen-tt deg waman d lemleħ .
	Anamek- is	Ssemman-as akka imi ifer-is wa yef wa semman-as tifeywa
	Assay asnamkan	D taynameka

17. Tibuftatin

1. Tasleđt tasnalyant

Talya	Awal	Azar	Ticrađ tigejdanin n yisem					
	Tibuftatin	√ftt	Tawsit		Amđan		Addad	
			Ml	Nt	Sf	Sg	Ilelli	Amaruz
			⊗	Tibuftatin	⊗	Tibuftatin	Tibuftatin	Tibuftatin

2. Tasleđt tasnamkant

Anamek	S yur imsulya	Xedmen-tent s uwren n temzin ney n yirden, s waman d lemleħ ad - ibzeg, ad d-iffey d tiħbulin akken ad mlilent s uwren gar-aset, ad gezment d tirqaqin ad furent, ad qqarent. Twaxedment di lmerqa s tebselt, ibawen n tfejyal, taxsayt, zrudiya, ggaren-aset aman d yifelfel azeggay, mi tewwa ad d-grent tibuftatin-nni yer dixel-is akken ad terkem .
	Anamek- is	Yekka-d deg tiftatin imi dusa tegzem d tiftatin timcťaħ.
	Assay asnamkan	D taynameka

Aħric n tesleđt

18. Tayddiwt

1. Taseleđt tasnalyant

Talya	Awal	Azar	Ticrađ tigejdanin n yisem					
	Tayeddiwt	√yDw	Tawsit		Amđan		Addad	
			MI	Nt	Sf	Sg	Ilelli	Amaruz
			∅	Tayeddiwt	Tayeddiwt	∅	Tayeddiwt	Tyeddiwet

2. Tasleđt tasnamkant

Anamek	S yur imsulya	Tmeqqi-d deg lexla tesa isennanen ur d-tetteffey ara alama tezzid- t xedmen yes-s lmerqa i seksu.
	Anamek- is	Yekka-d deg yisem ayddu d lgedra n yimyi dya semman-as tayddiwt.
	assay asnamkan	D taynamka

19. Tiyrifin

1. Tasleđt tasnalyant

Talya	Awal	Azar	Ticrađ tigejdanin n yisem					
	Tiyrifin	√yrf	Tawsit		Amđan		Addad	
			MI	Nt	Sf	Sg	Ilelli	Amaruz
			∅	Tiyrifin	Tayrift	Tiyrifin	Tiyrifin	Teyrifin

Aħric n tesleđt

2) Tasleđt tasnamkant

Anamek	S yur imsulya aheggi-is	Tettwaxdem s smid, d tisent, d temtunt d waman yeħman ad yexleđ ad yeerek s waman alama yuđal urekti-is eysel waman, ad ires akken ad yay ad wwent deg temsiskert n teyrifin ad dahnent s zzit n tzemmut d sker .
Anamek- is		Yekka-d deg yisem ayrib cuban-tent yer yiyriben imi ezizit zik ur ten-xeddmn ara s tuget, mi ara tenfes temetut i ten-xeddmn, yeř waya semman-as tiyrifin.
assay asnamkan		D taynameka .

20.Lbazin

1. tasleđt tasnalyant

Talya	Awal	Azar	Ticrađ tigejdanin n yisem					
			Tawsit		Amđan		Addad	
			Ml	Nt	Sf	Sg	Ilelli	Amaruz
	Lbazin	√bzn	Lbazin	Tabazint	Tabazint	Lbazin	Lbazin	∞

2.Tasleđt tasnamkant

Anamek	S yur imsulya aheggi-is	Tettwaxdem s smid, s tmellalin ad kksent imli-nni ad t-wtent akken ad yali ad as-rnunt tisent ad t-xeđent akken ad iddukel cwit urekti-s, ad d-tteemmirent s teyjelt yer dixel n lmreqa-is, xeddment-as tibselt, d tbařat, d tmiřuct, d ticert, rennunt-as aman yemmuzeřen d yifelfel azeggař, ad grent lbazin-nni yer dixel ad wwent.
	S yur Dallet sb(63)	Tabazint tettwexdem mebla aksum s wudi rennun-as leħcić tayiyact ney lxeđra sewwayen-tt alama tefsi xeđen-as awren ttdehhinen-tt mi ara teččen
	assay asnamkan	D taynameka .

Aħric n tesleđt

21. Seksu

1. Tasleđt tasnalıant

Talya	Awal	Azar	Ticrađ tigejdanin n yisem					
	Seksu	√sks	Ml	Nt	Sf	Sg	Ilelli	Amaruz
seksu			∅	∅	seksu	seksu	∅	

2. Tasleđt tasnamkant

Anamek	S yur imsulya Aheggi-is	Yettwaftal deg uxxam s yifassen, s smid ney win n temzin, s waman yesəan tisent, ad tettrucun-t ad reggin-t akken ad yebzeg, ad t-səeddin-t deg sin n yiərbalen akken ad yirqiq seksu, wa ad ifur deg useksut wa ad iəddi deg uərbal mi yehma i tikkelt tis krađ imiren ad yefser akken ad iqqar .Seqqayen-t s lmerqa ney llan wid it-itetten d lmesfuf .xedmen-t deg tmeyriwin ney mi ara yili kra n usfuggel
	Anamek- is	Seman-as seksu ahat yekka-d deg umyag sukk imi yef atas n yiərbalen ad iəddi yef waatas n yiberdan akken dayen yezmer yekka-d seg umyag ekkes imi d-yekkes deg uwren.
	S yur Dallet sb(769)	Seksu ad d-şhedređ seksu mi ara texedmeđ tameyra, şhedred-ay-d seksu ur nebni Seksu d wudi d uħellel, ečč-it ma yehda-k rebbi
	Assay asnamkan	D taynamka

Aħric n tesleđt

1.2.Isemawen uddisen

1.2.1.Adduklan

1.Ayrum n ubelluđ

1.Taslađt tasnalyant

Talya	Awal	Azar	Ticrađ tigejdanin n yisem					
	Ayrum n ubelluđ	\sqrt{yrm} \sqrt{bLd}	Tawsit		Amđan		Addad	
			Ml	Nt	Sf	Sg	Ilelli	Amaruz
			Ayrum Abelluđ	\varnothing \varnothing	Ayrum Abelluđ	Iyarman \varnothing	Ayrum Abelluđ	Uyrum Ubelluđ

2.Tasleđt tasnamkant

Anamek	S yur imsulya aheggi-is	D arekti yettwaxdamen s uwren n ubelluđ akked cwiť n uwren n yirden d lemleħ, d waman ad t-erken ad yeww deg bufraħ
	Anamek- is	Sseman-as abellud yekka-d deg bledleđ yeeni d imdewer d afayan Tamawt d awal yettwamuzey s lqaleb n teqbaylit
	assay asnamkan n wawal	D taynamka acku yiwen n unamek i yesea.

2.Ayrum n tmar

1.Taslađt tasnalyant

Talya	Awal	Azar	Ticrađ tigejdanin n yisem					
	Ayrum n temar	\sqrt{yrm} \sqrt{tmr}	Tawsit		Amđan		Addad	
			Ml	Nt	Sf	Sg	Ilelli	Amaruz
			Ayrum Tmar	\varnothing \varnothing	Ayrum Tmar	Iyarman \varnothing	Ayrum Tmar	Uyrum \varnothing

Aħric n tesleđt

2.Tasleđt tasnamkant :

Anamek	S yur imsulya aheggi-is	Xedmen-t s smid aħercaw, lemleħ, cwit n zzit, ad xelden kullec ad t-rwin s waman n zzher, ad t-ellen snat n teħbulin, ad mmeslen taħbult tamezwarut, ad as-ellen s ufell-as ttmer ad rnun s ufell taħbult tis snat ad tt-ellen d yiwet n teħbult, ad tt-gezmen d timeqrudin ney d tirbaetin ad wwent deg bufraħ, tetten-t s lqahwa.
	assay asnamkan	D taynamka Tamawt d awal yettwamuzey s lqaleb n teqbaylit

3.Ayrum n yirden

1.Tasleđt tasnalyant

Talya	Awal	Azar	Ticrađ tigejdanin n yisem					
	Ayrum n yirden	√yrm √rd	Tawsit		Amđan		Addad	
			Ml	Nt	Sf	Sg	Ilelli	Amaruz
			Ayrum ired	∞	Ayrum ired	Iyerman irden	Ayrum Irden	Uyrum Yirden

2.Tasleđt tasnmkant

Anamek	S yur iimsulya	D awren n yirden xedmen-as aman, zzit,lemleħ, ad t-xelden ad t-erken ad t-ggent d taħbult, ad yeww deg bufraħ.
	Assay Asnamkan	D taynamka acku yiwen n unamek i yesea.

Aħric n tesleđt

4. Ayrum n tecrawt

1. Tasleđt tasnalyant

Talya	Awal	Azar	Ticrađ tigejdanin n yisem					
	Ayrum n tecrawt	\sqrt{yrm} \sqrt{crw}	Tawsit		Amđan		Addad	
			Ml	Nt	Sf	Sg	Ilelli	Amaruz
			Ayrum Acraw	\varnothing Tacraw t	Ayrum Tacrawt	Iyerman \varnothing	Ayrum Tacrawt	Uyrum Tecrawt

2. Tasleđt tasnamkant

Anamek	S yur Imsulya aheggi-is	D awren n yirden ney temzin xedmen-as aman, zzit, lemleh, ad d-rnun tayeddiwt ad tt-crunt ad t-srekmen deg waman sin akkin ad t-xelden yer urekti ad t-erken ad t-mmselent d taħbult, ad yeww deg bubfrah.
	Anamek- is	Sseman-as ayrum n tecrawt imi d-yekka deg crew lmaena-s tayddiwt-nni ifer-is i carrun.
	Assay Asnamka	D taynamka acku yiwen n unamek i yesea.

5. Ayrum n lexlle

1. Tasleđt tasnalyant

Talya	Awal	Azar	Ticrađ tigejdanin n yisem					
	Ayrum n lexlie	\sqrt{yrm} \sqrt{xle}	Tawsit		Amđan		Addad	
			Ml	Nt	Sf	Sg	Ilelli	Amaruz
			Ayrum	\varnothing	Ayrum	Iyerman	Ayrum	Uyrum
Lexlie	\varnothing	Lexlie	\varnothing	Lexlie	\varnothing			

Aħric n tesleđt

2.Tasleđt tasnamkant

Anamek	S yur imsulya aheggi-is	Wagi d yiwen n wučči i ezizen atas ladya yer Leqbayel, xeddmen-t s leħwal. Ad d-nemsel snat n teħbulin n uyrum, ad nger leħwal-nni akked tasemt d uqeddid yer yiwet, s yin akkin ad t-nyum s teħbul-nni tis snat ad teww deg bubraħ. Semman-as ayrum lexlīe imi yella deg-s atas n lexlīe (aqeddid).
	S yur Dallet sb(885)	Awackan d ayrum d ameqqran yekkmel, awackan bbeyrum Ččiy iħder uwackan d iyil-iw i yifkan
	Assay asnamkan	Tamgedawal: ayrum n lexlīe= ayrum n tasemt, awackan

6. Aemmuc n terkuct

1. Tasleđt tasnalyant

Talya	Awal	Azar	Ticrađ tigejdanin n yisem					
			Tawsit		Amđan		Addad	
			Ml	Nt	Sf	Sg	Ilelli	Amaruz
	Aemmuc n terkuct	√εMc	Aemmuc	∅	Aemuc	∅	Aemmuc	Uemmuc
		√rkc	Arkuc	Tarkuct	Tarkuct	∅	Tarkuct	Terkuct

2. Tasleđt tasnamkant

Anamek	S yur imsulya aheggi-is	Timqecrin ttizegzawin ad d-qecrent ad as-xedmen zzit, sker, irden ad yexleđ ad teččen
	Anamek- is	Aemmuc semman-as aka imi yeemec yeeni ibud (win ad budded). Tarkuct imi yerkec ney yexleđ.
	S yur Dallet sb(721)	Win ara tebeded ad as-tweqmeđ tarkuct n temellalin.
	Assay-is	Tamgedawal: aemmuc n terkuct= aemmuc n temzin.

Aħric n tesleđt

7.Latay n tezgi

1. Tasleđt tasnalyant

Talya	Awal	Azar	Ticrađ tigejdanin n yisem					
	Latay n tezgi	√ty √tzg	Tawsit		Amđan		Addad	
			Ml	Nt	Sf	Sg	Ilelli	Amaruz
			latay	⊗	latay	⊗	Latay	⊗
⊗	tizgi	Tizgi	Tizgewa	Tizgi	Tezgi			

2.Tasleđt tasnamkant

Anamek	S yur imsulya	D imyi deg lexla yemgarad yef latay-agi nniđen, ur yettehhir ara yas thawleđ deg-s, serkamen-t deg waman sessen-t i uqrađ n uqerruy qaren-as aka imi deg tezgi i yettili
	Assay asnamkan	Taynamka aređtal n tefransist Tamawt d awal n tefransist yettwamuzey s lqaleb n teqbaylit

8.Rfis n wudi

1.Tasleđt tasnalyant

Talya	Awal	Azar	Ticrađ tigejdanin n yisem					
	Rfis n wudi	√rfis √d	Tawsit		Amđan		Addad	
			Ml	Nt	Sf	Sg	Ilelli	Amaruz
			Rfis	⊗	Rfis	⊗	Rfis	⊗
Udi	⊗	Udi	⊗	Udi	Wudi			

Aħric n tesleđt

2. Tasleđt tasnamkant

Anamek	S yur imsulya aheggi-is	D areqqaq ad t-tsefruriđ ad as-ternuđ udi d uyefki
	Anamek- is	Semman-as arfis yeeni rfi, d aserfi deg uyefkli d wudi Ur yelli arad aretđal acku nesca amyag rfi
	Assay asnamkan	Taynamka.

9. Seksu n waddad

1. Tasleđt tasnalyant

Talya	Awal	Azar	Ticrađ tigejdanin n yisem					
	Seksu n waddad	\sqrt{Sks} \sqrt{Dd}	Tawsit		Amđan		Addad	
			Ml	Nt	Sf	Sg	Ilelli	Amaruz
			Seksu	∅	∅	seksu	Seksu	∅
Addad	∅	Addad	∅	Addad	∅	Addad	∅	

2. Tasleđt tasnamkant

Anamek	S yur imsulya	D asennan seqçaren am tyeddiwt sfurrunt, sin akkin ad as-xedmen lmerqa ad seqqin fell-as seksu.
	Anamek- is	Fkan-as isem n waddad imi imeqqi s wadda n temurt dayen asennan-is ibed
	Assay asnamkan	Addad taynisemt ayenuđlif imi yemmal-d dayen ticređt n yisem

Aħric n tesleđt

10. Seksu d uksum

1. Tasleđt tasnalyant

Talya	Awal	Azar	Ticrađ tigejdanin n yisem					
	Seksu d uksum	√sks √ksm	Tawsit		Amđan		Addad	
			Ml	Nt	Sf	Sg	Ilelli	Amaruz
			Seksu	∅	∅	Seksu	Seksu	∅
Aksum	∅	Aksum	Ikesman	Aksum	Uksum			

2. Tasleđt tasnamkant

Anamek	S yur imsulya	Seksu xedmen-as lmerqa s lxeđra lebsel, zrudiya, taxsayt, ibawen, aksum, ifelfel aneydan, lemleđ mi yewwa ad seqqin fell- as
	Assay asnamkan	D taynamka

11. Taesbant n Uejyed

1. Tasleđt tasnalyant

Talya	Awal	Azar	Ticrađ tigejdanin n yisem					
	Taesbant n ujyed	√esb √jyd	Tawsit		Amđan		Addad	
			Ml	Nt	Sf	Sg	Ilelli	Amaruz
			Leesban	Taesbant	Taesbant	Tiesbanin	Taesbant	Teesbant
Ajyed	∅	Ajyed	Ijeydan	Ajyed	Ujyed			

Aħric n tesleđt

2. Tasleđt tasnamkant

Anamek	S yur imsulya aheggi-s	Wagi d yiwen n wučči i yettwaxdamen s uwren d leħwal zezzawen, ticert, ad nessexleđ ad neččar s-yes ajyed n yizimer ad t-nsers ad ifur ney ad t-nger yer lmerqa n seksu.
Anamek- is		Ssemman-as taēšbant imi teešseb yeddukkel yebren dixel n ujejed n yizimer. Tamawt d awal n taerabt yettwamuzey s lqaleb n teqbaylit
Assay asnamkan		Taynamka

12. Tameđluet n zit

1. Tasleđt tasnalyant

Talya	Awal	Azar	Ticrađ tigejdanin n yisem					
			Tawsit		Amđan		Addad	
			Ml	Nt	Sf	Sg	Ielli	Amaruz
	Tameđluet n zzit	√dle √Zt	⊗ ⊗	Tameđluet Zzit	Tameđluet Zzit	Timeđlae ⊗	Tameđluet Zzit	Tmeđluet ⊗

2. Tasleđt tasnamkant

Anamek	S yur imsulya	Tettwexdam s lfarina ney awren d waman, lemleħ, tamtunt, arekti-ines ur ilaq ara ad yeqqar mliħ mi tcuf ad tt-tmesleđ ad tt-tgzemeđ d tiħdrin ad tt-teqluđ deg zzit tettwaččay s lqahwa.
	S yur Dallet sb(526)	Tamtunt n zzit am uyrum tetteggay deg zzit, Qaren-as tamtunt ahat imi tesa tamtunt tečufu .
	Assay asnamkan	D taynamk Tamawt d awal n taerabt yettwamuzey s lqaleb n teqbaylit

Aħric n tesleđt

13.Tameqfult n jiħbuđ

1.Tasleđt tasnalyant

Tal ya	Awal	Azar	Ticrađ tigejdanin n yisem					
	Tameqfult n Jiħbuđ	\sqrt{qfl} $\sqrt{jħbd}$	Ml Ameqful Jiħbuđ	Nt Tameqfult	Sf Tameqfult Jiħbu	Sg ☉ ☉	Ilelli Tameqfult Jiħbuđ	Amaruz Temaqfult ☉

2.Tasleđt tasnamkant

Anamek	S yur imsulya aheggi -is	Tameqful tettwaxdem s jiħbuđ ad d-ifur deg useksut, ad as-nernu seksu s ufella, ad tt-neğğ alma tebba, ad t-nedhen s zzit uzemmur.
	Anamek- is	Semman-as amaqful imi ttaqfalen s usaqfel iwaken ur dettefyen ara ifuran Jjuħbed, ajuħbed,imi yeterdiq d ini azeggay
	S yur Dallet	Jiħbuđ d win d-ittekken deg waħrir mi ara yezuğğjeg yettak-d jiħbuđ ahat yeddem. Awal n waħrir imi ifer-is d algeyan am leħrir.Sb(365)
	Assay asnamkan	Taynamka.

14.Tabziťt n wudi

1.Tasleđt tasnalyant

Talya	Awal	Azar	Ticrađ tigejdanin n yisem					
	Tabziťt n wudi	$\sqrt{bzđ}$ \sqrt{d}	Tawsit		Amđan		Addad	
			Ml	Nt	Sf	Sg	Ilelli	Amaruz
			☉ udi	Tabziťt ☉ udi	Tabziťt Udi	☉ ☉	Tabziťt udi	Tebziťt wudi

Aħric n tesleđt

2.Tasleđt tasnamkant

Anamek	S yur imsulya aheggi-is	D asendu n yiŷi n tfunast ney n tayad̄t alama yuyal d tabziz̄t neqqar-as aka imi d udi ur nesei ara lemleḥ tawaract tes̄ea lemlaḥ
Annamek-is		Sseman-as Tabziz̄t yeeni d tibiziz̄t d tiqit n uyekf yettddukul yettuyal tieqayin n wudi yettak-d tabziz̄t yef waya semman-as aka.
Assay asnamkan		D taynamka

15.Taḥbult n temlalin

1.Tasleđt tasnalyant

Talɣa	Awal	Azar	Ticrađ tigejdanin n yisem					
	Taḥbult n temllalin	√ḥbl √mLl	Tawsit		Amđan		Addad	
			Ml	Nt	Sf	Sg	Ielli	Amaruz
			Aḥbul	Taḥbult	Taḥbult	Tiḥbulin	Taḥbult	Teḥbult
		Amellal	Tamellalt	Tamellalt	Timllalin	Timllalin	Temllalin	

2Tasleđt tasnamkant

Anamek	S yur imsulya	Taḥbult tettwaččay s lqahwa, xeddmn-tt dayen deg lexđubga. Xeddmn-tt s uwren ney s lfarina akked tmellalin, arekti-nni ilaq ad d-yeffey xfif mliḥ, ad yeww deg lmeqla rennun-as tament.
	S yur Dallet sb116	Timcewwect tettwaxdem s temllalin d uwren d arekti iejnen am uyrum timdewwert seggayen-t deg chit n zzit renun-as sekar ney tamment xeddmnt mi ara terbu temet̄tut.
	Assay asnamkan	D tamgedawalt taḥbult n temlalin = Taḥbult= tamcwitt.

Aħric n tesleđt

16. Taħbult n lmerqa

1. Tasleđt tasnalyant

Talya	Awal	Azar	Ticrađ tigejdanin n yisem					
	Taħbult n lmerqa	√ħbl √mrq	Tawsit		Amđan		Addad	
			Ml	Nt	Sf	Sg	Ilelli	Amaruz
			Aħbul	Taħbult	Taħbult	Tiħbulin	Taħbult	Teħbult
⊗	Lmerqa	Lmerqa	Lmraqi	Lmerqa	⊗			

2. Tasleđt tasnamkant

Anamek	S yur imsulya	Xeddmn-tt s uwren akked tmellalin, ad yebb deg lmeqla sin akin ad t-rren yer lmerqa xeddmn-as lbaťaa, tibselt, ticert, lmiťuc, ifelfel azeggay xeddmn mi ara tenfes tmeťtut.
	Assay asnamkan	D taynamka

17. Tibuftatin n temzın

1. Tasleđt tasnalyant

Talya	Awal	Azar	Ticrađ tigejdanin n yisem					
	Tibuftatin n temzın	√ftt √mz	Tawsit		Amđan		Addad	
			Ml	Nt	Sf	Sg	Ilelli	Amaruz
			⊗	Tibuftatin	⊗	Tibuftatin	Tibuftatin	Tebuftatin
⊗	Timzın	⊗	Timzın	Timzın	Temzın			

Aħric n tesleđt

2.Tasleđt tasnamkant

Anamek	S yur imsulya	Xeddmn-tt s temzin, ad as-eellent cwiđ n lemleđ ad tterwint s waman, ad tt-ærkent mliđ alma yuđal d aleqqaq, ad tt-mmeslent d arqaq mliđ ad mbibbent deg ger-asant s uwren ad t-gezment d igetman d irqaqen, ad t-sfuren. Ssewwayen-tt deg lmerqa.
Anamek- is		Semman-as tibuftatin yeeni tiftatin timçtađ . Timzin imi tieqayin-is d timezyanin.
Assay asnamkan		Tamegdawalt tibuftatin = buftata

18.Tikerciw n lexla

1.Tasleđt tasnalyant

Talya	Awal	Azar	Ticrađ tigejdanin n yisem					
			Tawsit		Amđan		Addad	
			Ml	Nt	Sf	Sg	Ilelli	Amaruz
	Tikerciw n lexla	√krc √lxl	Akerciw ∅	Takerciwt Lexla	Takerciwt Lexla	Tilerciwin Lexlawi	Tikerciw n lexla	Tekerciw n lexla ∅

2.Tasleđt tasnamkant

Anamek	S yur imsulya	D imyi yetteffey-d deg udrar, xedmen-t am uberçeçču serkamen-tt sin akkin ttaran-tt yer lmeqla ad teww llan wid i as-ixeddmn timellalin tesea sifa n tkerciw n lmal yef aya i s-qqaren takerciw.
Anamek- is		Ssemman-as aka imi tesea ssifa n tekerciw n lmal Tamawt d awal n taerabt yettwamuzey s lqaleb n teqbaylit
S yur Dallet sb(417)		Takerciwt n lexla nettaf-itt anda yella ubeuq deg yiyzer.
Assay asnamkan		D Taynisemt aynudlif acku lant tekerciw n lmal mgaradent deg unamek tira kifkif

Aħric n tesleđt

19. Zzit d yiniyman

1. Tasleđt tasnalyant

Talya	Awal	Azar	Ticrađ tigejdanin n yisem					
	Zzit d yiniyman	\sqrt{Zt} $\sqrt{ny\text{m}}$	Tawsit		Amđan		Addad	
			Ml	Nt	Sf	Sg	Ilelli	Amaruz
			⊗	Zzit	Zzit	⊗	Zzit	⊗
		Iniyem	⊗	Iniyem	Iniyman	Iniyman	Yiniyman	

2. Tasleđt tasnamkant

Anamek	S yur imsulya aheggi-is	Llan wid yettxemmiren iniyman deg zzit lhan mliħ i lehlak n tusut, ad ldin iniyman-nni ad asen-rnun zzit ad t-neččen. Tamawt d awal n taerabt yettwamuzey s lqaleb n teqbaylit
	Assay asnamkan	D Taynamka.

20. Ziđlmum n lexla

1. Tasleđt tasnalyant

Talya	Awal	Azar	Ticrađ tigejdanin n yisem					
	ziđlmum n lexla	$\sqrt{ziđlmm}$ \sqrt{lxl}	Tawsit		Amđan		Addad	
			Ml	Nt	Sf	Sg	Ilelli	Amaruz
			Ziđlmum	⊗	Ziđlmum	⊗	Ziđlmum	⊗
		⊗	Lexla	Lexla	Lexlawi	Lexla	⊗	

Aħric n tesleđt

2.Tasleđt tasnamkant

Anamek	S yur imsulya aheggi -is	D imyi ttawin-t-id deg lexla siriden-t sewwayen-t, rennun-as tibselt d ticert s leħwal.
	Anamek- is	Sseman-as zıdımum, imi d aẓidan yerna yesea aman.
	Assay asnamkan	Taynamka

1.2.2.Asdduklan

1.Ayrum unẓiz

1.Tasleđt tasnalyant

Talya	Awal	Aẓar	Ticrađ tigejdanin n yisem					
	Ayrum unẓiz	√yrm √nzz	Tawsit		Amđan		Addad	
			Ml	Nt	Sf	Sg	Ilelli	Amaruz
			Ayrum	∞	Ayrum	Iyerman	Ayrum	Uyrum
Unẓiz	∞	Unẓiz	∞	Unẓiz	Wunẓiz			

2.Tasleđt tasnamkant

Anamek	S yur imsulya	D ayrum s uwren d zzit, aman , lemleħ qqaren-as unẓiz imi s-rennun tamtunt ad yay ad yeww deg bufraħ.
	Assay asnamkan	D Taynamka.

Aħric n tesleđt

2. Ayrum yezuġġegen

1. Tasleđt tasnalyant

Talya	Awal	Azar	Ticrađ tigejdanin n yisem					
	Ayrum yezuġġegen	√yrm √zĠg	Tawsit		Amđan		Addad	
			Ml	Nt	Sf	Sg	Ilelli	Amaruz
			Ayrum	∅	Ayrum	Iyerman	Ayrum	Uyrum
Yezuġġeg	tezuġġeg	Yezuġġeg	Zuġġegen	Azuġġeg	Uzeġġeg			

2. Tasleđt tasnamkant

Anamek	S yur imsulya	D ayrum s temzin mebla zzit, ad as-rnun aman ad yebb deg bufrah semman-as aka imi ma yeww deg yiwen n yidis yezzuġġug.
	Anamek- is	Semman-as yezuġġeg imi mi yebba yesa tinqibin ney tijeġġidin.
	Assay asnamkan	Tagetnamka md: tezuġġug tejsra n čcina(tefka-d azeġġig), md 2: tezuġġueg sifa-is asa(tecbah deg sifa)

3. Aemmuc yewwan

1. Tasleđt tasnalyant

Talya	Awal	Azar	Ticrađ tigejdanin n yisem					
	Aemmuc yewwan	√εMc √W	Tawsit		Amđan		Addad	
			Ml	Nt	Sf	Sg	Ilelli	Amaruz
			Aemmuc	∅	Aemmuc	∅	Aemmuc	Uemmuc
Yewwa	Tewwa	Yewwa	Wwan	Yewwa	∅			

2. Tasleđt tasnamkant

Anamek	S yur imsulya	D awren ħarçawen ad t-tegređ deg waman d lemleđ d zzit mi rekmen waman-nni ad as-tezzuzređ irden d yifelfel azeggay.
	Assay asnamkan	Taynamka

Ahric n tesleđt

4. Azemmur aberkan

1. Tasleđt tasnalyant

Talya	Awal	Azar	Ticrađ tigejdanin n yisem					
	Azemmur aberkan	√zMr √brk	Tawsit		Amđan		Addad	
			Ml	Nt	Sf	Sg	Ilelli	Amaruz
			Azmmur	Tazemmurt	Azemmur	∅	Azemmur	Uzemmur
			Aberkan	Taberkant	Aberkan	Iberkanen	Aberkan	Uberkan

2. Tasleđt tasnamkant

Anamek	S yur imsulya	D azemmur aberkan id-tt-awin yer uxxam, ad t-ssirden ad as-gen atas n lemleđ, syin ad t-gren yer tcekkarin ad t-cudden mliđ ad t-đđgen ad yeqqim azal n waggur alama idegger-d akk amuređ yellan deg-s akken ad as-tekkes terzeg, mi yebba ad t-fesren i yiđij ad t-ččen s uyrum.
	Assay asnamkan	D Taynamka.

5. Ifelfel yeddzen

1. Tasleđt tasnalyant

Talya	Awal	Azar	Ticrađ tigejdanin n yisem					
	Ifelfel yeddzen	√flfl √Dz	Tawsit		Amđan		Addad	
			Ml	Nt	Sf	Sg	Ilelli	Amaruz
			Ifelfel	Tifelfelt	Tifelfelt	Ifelfel	Ifelfel	Yifelfel
			Yeddez	Teddez	Yeddez	ddzen	Yeddez	∅

Aħric n tesleđt

2.Tasleđt tasnamkant

Anamek	S yur imsulya aheggi-is	D ifelfel ssewwayen-t deg bufraḥ yef lkanun ney deg tmes, mi yebba sseqcaren-t, teddzen-t rennun-as tamituct n taeqqayt dayen, ad as-εawden asebbi, tetten-t s uyrum ney s tmedluet
	Anamek-is	Ssemman-as aka ilmed n tudza imi yeddez.
	S yur Dallet sb(205)	Yella ifelfel aqarḥan yella ifelfel n lehlu yenna-d itunsiyen tewasnen s yifelfel aqerḥan
	Assay asnamkan	Tagetnamka md: taqemuct-is d tifelfelt(taqbaḥ)

6.Timllalin tizumbicin

1.Tasleđt tasnalyant:

Tal ya	Awal	Azar	Ticrađ tigejdanin n yisem					
	Timll alin Tizu mbici n	√mLl √zmb c	Tawsit		Amđan		Addad	
			Ml	Nt	Sf	Sg	Ilelli	Amaruz
			Amellal	Tamellalt	Tamellalt	Timllalin	Timlalin	Temllalin
		∞	Tazumbic t	Tazumbict	Tizumbicin	Tizumbicin	Tezumbic in	

2.Tasleđt tasnamkant

Anamek	S yur imsulya	D timellalin ssebbayen-tent deg waman, mi bbant ad as-txedmed cwit n lemleḥ wa ad tent-ččent.
	Anamek- is	Semman-s timllalin imi ini-nsent d amellal ma d tizumbicin imi ttewwen-t deg waman
	Assay asnamkan	D tamgedawalt timlalin tizumbicin= timlalin tuftiyin

Aħric n tesleđt

1.3.Ismawen isuddimen

1.3.1.asuddem n yisem seg umyag

1.Areqqaq

1.Tasleđt tasnalyant

Talya	Awal	Azar	Ticrađ tigejdanin n yisem						
	Areqqaq	√rQq	Tawsit		Amđan		Addad		Asuddem
			Ml	Nt	Sf	Sg	Ilelli	Amaruz	Deg umyag
			Areqqaq	∞	Areqqaq	Ireqqaqen	Areqqaq	Ureqqaq	Rqqiq

2.Tasleđt tasnamkant

Anamek	S yur imsulya	Qqaren-as areqqaq imi arekti-s am rrfis d areqqaq am twerqet, ttgent d tiħbulin. Adtent-sewwent yiwet yiwet, mi yebba ad tent-rkin deg uyefki s, ad tent-dehntent s zzit ney s wudi.
Anamek- is	Areqqaq yekka-d deg rqiq semman-as aka imi d areqqaqan am twerqett.	
Assay asnamkan	D taynamka	

2.Icuften(Ticuftin)

1.Tasleđt tasnalyant

Talya	Awal	Azar	Ticrađ tigejdanin n yisem						
	Icuften	√cf	Tawsit		Amđan		Addad		Asudde m
			Ml	Nt	Sf	Sg	Ilelli	Amaruz	Deg umyag
			Icuften	Ticuftin	Tacufett	Ticuftin	Ticuftin	Tecuftin	cuf

Aħric n tesleđt

2. Tasleđt tasnamkant

Anamek	S yur imsulya aheggi-is	D arekti n tmeġzart mi ara tent-grent yer lmerqa d areqqaq ad icuf am ubalu ad t-id-kksent mebla ma yerki dixel n lmerqa nni, ttedhanent-tt s zzit.
Anamek-is		qaren-as ticuftin imi ččufun-t am tbalutt
S yur Dallet		Ččufun-t mi ara wwent deg tmest tedhanen-t s zzit.Sb(78)
Assay asnamkan		D taġetnamka acku tesa inumak wiyad. Md: yurar waqċic s tecufett i d-yuy deg leid

3. Irekmen

1. Tasleđt tasnamkant

Talya	Awal	Azar	Ticrađ tigejdanin n yisem						
	Irekmen	√rkm	Tawsit		Amđan		Addad		Asudd em
			Ml	Nt	Sf	Sg	Ilelli	Amaruz	Deg umyag
			Irekmen	∅	∅	Irekmen	Irekmen	Yirekmen	Rkem

2. Tasleđt tasnamkant

Anam ek	S yur imsulya aheggi-is	Wagi d yiwen n wučči,i xeddmen mi ara ad isemyi llufan.Yettwaxdam s yibawwen d yirden, ad wwen dixel n lmerqa.
Anamek-is		Sseman-as irekmen imi ttarkamen deg lmerqa
Assay asnamkan		Tamegdawalt irekmen= ibawen d yirden

Aħric n tesleđt

4. Tameqfult

1. Tasleđt tasnalyant

Talya	Awal	Azar	Ticrađ tigejdanin n yisem						
	Tameqfult	√qfl	Tawsit		Amđan		Addad		Asudem
			Ml	Nt	Sf	Sg	Ilelli	Amaruz	Degumyag
			Ameqful	Tameqfult	Tameqfult	∞	Tameqfult	Tameqfult	Qfel

2. Tasleđt tasnamkant

Anamek	S yurimsulya aheggi-is	Tameqfult wučči. Yettwaxdam s wařas n lxeđra. Lxeđra-nni ad d-fur deg useksut, ad as-nernu seksu s ufella, ad tt-neğğ alma tewwa.
	Anamek-is	Yekka-d deg isem n wallal asaqlfel ttaqfalen akkan ur dettefyen ara ifuran.
	S yur Dallet sb(655)	Ameqful d seksu akked d lxeđra tewwayen s ufurru mi wwan ad ten-sxelden.
	Assay asnamkan	Taynamka

Aħric n tesleđt

5. Tibraryin

1. Tasleđt tasnalyant

Talya	Awal	Azar	Ticrađ tigejdanin n yisem						
	Tibraryin	√brn	Tawsit		Amđan		Addad		Asuddem
			Ml	Nt	Sf	Sg	Ilelli	Amaruz	Deg umyag
∞	Tibraryin	∞	Tibraryin	Tibraryin	Tibraryin	Tebraryin	Bren		

2. Tasleđt tasnamkant

Anamek	S yur imsulya aheggi-is	D uđči i yettwaxdam am seksu maca wagi d afayan, yttewway deg lmerqa s lxedra am lebsel, lkurjit, lmituc, ticert,zrudiya.yakka-d seg umyag bren mi fetlent ttebranen-t.
Anamek-is		Yekka-d deg bren semman-as tibraryin imi bernent tieqayin am bruri
S yur Dallet sb(47)		Berkukes am seksu dacu kan meqqar fell-as sefuruyent sin akin ad yeww deg tmarmit, xeddmenten mi ara d yessemyi llufan
Assay asnamkan		Tamegdawalt tibraryin=berkukes

1. Tasleđt tasnalyant

Talya	Awal	Azar	Ticrađ tigejdanin n yisem						
	Timegzart	√gzr	Tawsit		Amđan		Addad		Asuddem
			Ml	Nt	Sf	Sg	Ilelli	Amaruz	Deg umyag
∞	Timegzart	∞	Timegzart	Timegzart	∞	Timegzart	Tmegzart	gzer	

Aħric n tesleđt

2.Tasleđt tasnamkant

Anamek	S ħur imsulya aheggi-is	D arekti xedment-tt s smid ad yeerek mliħ, ad yeqres d tiqrisin timecħaħ, wa ad imsel mliħ d arqaq, wa ad t-nger ad d-yebb deg lmerqa.
	Anamrk-is	Yekka-d deg gzer yeeni tegzarent s teħyelt ħef waya i semman-aka.
	Assay asnamkan	Taynamka.

1.3.2.Asuddem anfanan

1.Acexcux

1.Tasleđt tasnalyant

Talya	Awal	Azar	Ticrađ tigejdanin n yisem						
			Tawsit		Amđan		Addad		Asuddem Anfanan
			Ml	Nt	Sf	Sg	Ilelli	Amaruz	S wallus n tergalt 2
	Acexcux	√cxcx	Acexcux	∅	Acexcux	∅	Acexcux	Ucexcux	

2.Tasleđt tasnamkant

Anamek	S ħur imsulya	Yettwaxdam s uyrum i ifetsen, ad as-nernu lmerqa s tebselħ, ticert, tamituct, ifelfel azeggay lemlaħ d zzit
	Assay asnamkan	Tamegdawalt acexcux= rfiis n uyrum

Aħric n tesleđt

2.Tayiyact

1.Tasleđt tasnalyant

Talya	Awal	Azar	Ticrađ tigejdanin n yisem						
	Tayiyact	√yyc	Tawsit		Amdan		Addad		Asuddem Anfalan
			Ml	Nt	Sf	Sg	Ilelli	Amaruz	S wallus n tergalt 3
			⊗	Tayiyact	Tayiyact	⊗	Tayiyact	Teyiyact	

2.Tasleđt tasnamkant

Anamek	S yur imsulya aheggi-is	D taħcict iferrawen-is d imectaħ d ilggeyanen. Tteksen-tt-id sewwayentt deg ticert ifelfel azeggay am tbidest.
	Anamek-is	Yekka-d deg ayiya yeeni d azegzaw d alqqaq temmal-d amk i tga yef aya i semman aka
	S yur Dallet sb(602)	Zik-nni ulac řabun ttewqimen iřuran n teyiyact i terda n tđut
	Assay asnamkan	Taynamka

Aħric n tesleđt

1.3.3.Asuddem awşilan

1.Aberbuc

1.Tasleđt tasnalyant

Talya	Awal	Azar	Ticrađ tigejdanin n yisem						
			Tawsit		Amđan		Addad		Asuddem Awşilan
			Ml	Nt	Sf	Sg	Ilelli	Amaruz	S uzewir « ber»
Aberbuc	√c		Aberbuc	Taberbuct	Aberbuc	⊗	Aberbuc	Uberbuc	

2.Tasleđt tasnamkant

Anamek	S yur imsulya aheggi-is	Ad tsifeđ awren n temžin, ad d-tekkseđ aclim-nni areqqaq s ufella nnig uyerbal ad -ttfetleđ, ad t-nesfur deg tseksut n tasilt. lmerqa-is tettwaxdam s ibawen, lxeđra, ticert, ad as-tgezmeđ taxsayt. Metti yewwa ad tekkseđ yer uqedduđ ad tseqqiđ s lmerqa tettent tlawin, irgazen tetten seksu n temžin
Anamek-is		Yekka-d seg abrarac semman-as aka imi abrarac ubnin ara dayen d axarbuc dayen ur nelhi ara d tilawin i yteččen aberbuc
Assay asnamkan		Taynamka

2.Bulfafa

1.Tasleđt tasnalyant

Talya	Awal	Azar	Ticrađ tigejdanin n yisem						
			Tawsit		Amđan		Addad		Asuddem Awşilan
			Ml	Nt	Sf	Sg	Ilelli	Amaruz	Azwir«bu»
Bulfaf	√lff		Alfaf	⊗	Alfaf	⊗	Alfaf	Ulfaf	

Aħric n tesleđt

2.Tasleđt tasnamkant

Anamek	S yur imsulya	D aksum sewwayent deg leewacar ad t-gezmen ad t-sewwen deg bufraḥ mebla zzit.
	Assay asnamkan	D taynamka

3.Iberčečča

1.Tasleđt tasnalyant

Talya	Awal	Aza r	Ticrađ tigejdanin n yisem						
	Iberčečča	√Č	Tawsit	Amđan		Addad		Asudd em Awšila n	
			Ml	Nt	Sf	Sg	Ilelli	Amaruz	Azewi r « ber»
			Iberčečča	⊗	Aberčečču	Iberčečča	Ibečečča	Yiberčečča	

2.Tasleđt tasnamkant

Anamek	S yur imsulya aheggi-is	D imyi yettili deg tegrest ddaw n umaday serkamen-ten ttaran- ten yer tmellalin deg lmeqla
	Anamek- is	Semman-as aka imi d yekka deg cečču dayen deg ciccu mi teččid amzun d aksum.
	S yur Dallet sb(41)	Iberčečča meqqin-d deg lqaəa ney deg tmurt, ad ččey aberčečču i wudem n ciccu.
	Assay asnamkan	Taynamka

Aħric n tesleđt

1.4. Ismawen iretṭalen

1.4.1. Iḥerfiyen

1. Acrab

1. Taslađt tasnalyant

Talya	Awal	Azar	Tawsit		Amđan		Addad	
			Ml	Nt	Sf	Sg	Ilelli	Amaruz
	Acrab	√crb	Acrab	∅	Acrab	∅	Acrab	Ucrab

2. Tasleđt tasnamkant

Anamek	S yur imsulya	Qqaren-d at zik yelha mliḥ i win ihelken abeḥri, ladya imi d aqerḥan. Yettwaxdam s lmerqa d uwren aḥercaw ney tawzit mi terkem lmerqa-nni n tebselṭ d ifelfel azeggay aqerḥan ad as-tezzuzređ tawzit nni.
Anamek-is		D awal aretṭal n taerabet yekka-d seg cereb, samrasen-t di tmaziyt acrab imi fasmus yashel i lmakla .
S yur Dallet sb(57)		D lmerqa s uwren.
Assay asnamkan		Taynamka

2. Lesfenğ

1. Tasleđt tasnalyant

Talya	Awal	Azar	Tawsit		Amđan		Addad	
			Ml	Nt	Sf	Sg	Ilelli	Amaruz
	Lesfenğ	√sfng	Lesfenğ	Tasfenğett	Tasfenğett	Lesfenğ	Lesfenğ	∅

Aħric n tesleđt

2.Tasleđt tasnamkant

Anamek	S yur imsulya aheggi-is	yettwaččay s lqahwa, yettwaxdam s uwren ney lfarina, lemleḥ, tamunt, ad t-neerek mliḥ,ad t-neġġ ad yali, ad yeww deg lmeqla n zzit.
Anamek- is		D awal aretṭal n taerabt yekka-d seg asfanji, d isem n wargaz d aerab qaren-as asfaniji ixaddem lesfanġ-agi yef waya semman-as yur-as .
assay asnamkan		D Taynamka d aretṭal n taerabt Aretṭal n taerabt

3.Lberyuc

1.Tasleđt tasnalyant

Talya	Awal	Azar	Tawsit		Amđan		Addad	
			Ml	Nt	Sf	Sg	Ilelli	Amaruz
	Lberyuc	√bryc	Lberyuc	Taberyuct	Taberyuct	Leberyuc	Leberyuc	∅

2)Tasleđt tasnamkant

Anamek	S yur imsulya aheggi is	Yettwaččay s lqahwa, yettwaxdam s lfarina, timellalin, lkas n sseker, lkas n zzit, cwiṭ n lemleḥ d temunt, arekti-nni ur yeqqur, ur xfif. Ad t-neġġ ad yali, syin akkin ad yeww deg zzit ad s- nextdem sker s ufella.
Assay asnamkan		D taynamka d aretṭal n tefrensist

Aħric n tesleđt

4.lejben

1.Tasladt tasnalyant

Talya	Awal	Azar	Tawsit		Amđan		Addad	
	Lejben	√jbn	Ml	Nt	Sf	Sg	Ilelli	Amaruz
			Lejben	∅	Lejben	∅	Lejben	∅

2.Tasleđt tasnamkant

Anamek	S yur imsulya aheggi-is	Lejben d yiwen n wučči i teččen s wařas zik-nni. Yettwaxdem s uyefk n tayadt ney n tfunast mi ara d-nezzeg, kan akken yehma ad as-nsiqi liqa n yiqurđeen, ad yeqqar.
	Anamek- is	Yekka-d seg juben awal n taerabt, semman-as lejben imi yatnajmae yejmed .
	S yur Dallet sb(385)	Jebben, ajebben d lxedma n ufermaj
	Assay asnamkan	D Tamegdawalt lejben = aguglu areřtal n taerabt

5.Taħrirt

1.Tasladt tasnalyant

Talya	Awal	Azar	Ticrađ tigejdanin n yisem					
	Taħrirt	√ħrr	Tawsit		Amđan		Addad	
			Ml	Nt	Sf	Sg	Ilelli	Amaruz
			∅	Taħrirt	Taħrirt	∅	Taħrirt	Teħrirt

Aħric n tesleđt

2.Tasleđt tasnamkant

Anamek	S yur imsulya	D awren n yirden d lxeđra n lmerqa ad teđđeđ alama tejmed ad teččeđ
	Assay asnamkan	D Taynamka D aretđal n taerabt

6.Tikerciwin

1.Tasladt tasnalyant

Taly a	Awal	Azar	Ticrađ tigejdanin n yisem					
	Tiker ciwin	√krc	Tawsit		Amđan		Addad	
			Ml	Nt	Sf	Sg	Ilelli	Amaruz
			Akerciw	Tikerciwin	Takerciwt	Tikerciwin	Tikerciwin	Tkerciwin

2.Tasleđt tasnamkant

Anamek	S yur imsulya	D lmerqa xedmen-tt s tkerciwt n uyelmi ney ubeqri, ad tent- srekment deg waman, ad tent-gezment cwiđ cwiđ xedmen-t-as lebšel, ticert, lkesber, ifelfel azeggay, lħumez , zrudiya, rrend.
	Anamek-is	Semman-as tikarciwin imi t-id ksen seg ukarciw n lmal .
	assay asnamkan	D Taynisemt aynudlif acku yemgarad unamek d tekerciwin n lexla talya kifkif D tagetnamka md: meqqar ukarciw-is (d temaε) yesεa akerciw (isaħa)

Aħric n tesleđt

1.4.2.Uddisen isdduklanan

1.Xebzddar

2.Tasleđt tasnalyant

Talya	Awal	Azar	Ticrađ tigejdanin n yisem					
	Xebzeddar	\sqrt{Xbz} \sqrt{Dr}	Tawsit		Amđan		Addad	
			Ml	Nt	Sf	Sg	Ilelli	Amaruz
			Xebzeddar	∞	∞	Xebzeddar	Xebzeddar	∞

2)Tasleđt tasnamkant

Anamek	S ħur imsulya	Tettent sbaħ s lqahwa, yettwaxdam s lfarina neħ s uwren, imelli n tmellalt, ssker, lemleħ, zzit, tamtunt. Ad tærkeđ, ad tmesleđ, ad as-t-celleđ afařez n tmellalt s ufella d sanuğ.
Anamek- is		xeddment deg uxxam yef aya semman-as aka.
Assay asnamkan		D Taynamka d aređtal n taerabt

1.4.3.isuddimen

1.Tameđluet

1.Taslađt tasnalyant

Talya	Awal	Azar	Ticrađ tigejdanin n yisem						
	Tameđ luet	\sqrt{dle}	Tawsit		Amđan		Addad		Asudd em
			Ml	Nt	Sf	Sg	Ilelli	Amaruz	Deg umyag
			∞	Tameđluet	Tameđluet	Timđlae	Tameđluet	Tameđluet	Ŧlee

Aħric n tesleđt

2. Tasleđt tasnamkant

Anamek	S ħur imsulġa aheggi-is	Tettwaxdam s uwrn d lemleħ d waman, tamettunt, ad eerkent arekti-nni alama yuġal d aleqqaq, ad t-meslen d tiħbulin ad t-ġġen ad icuf, mi yuli ad t-ssewwen deg bufraħ.
	Anamek-is	Ddment-id seg taerabt tlae lmaena-s yuli icuf s temtunt-nni yef aya semman-as akka.
	Assay asnamkan	Taynamka d arettal n taerabt.

2. Buzlluf

1. Tasleđt tasnalyant

Talya	Awal	Azar	Ticrađ tigejdanin n yisem						
	Buzlluf	\sqrt{zlf}	Tawsit		Amđan		Addad		Asuddem
			Ml	Nt	Sf	Sg	Ilelli	Amaruz	Deg umyag
			Buzlluf	∞	Buzlluf	∞	Buzlluf	∞	Zllef

2. Tasleđt tasnamkant

Anamek	S ħur imsulġa aheggi-is	Xeddmn-t s uqerru d yiđarren n ubeqri ney n uyelmi, ad tenzelfen deg lkanun akken adas-kksen rric yellan s ufella n uglim, syin ad t-qeddren d iħricen, ad t-sewwen deg tasilt s waman, sin akin ad as-xedmen tibsel, ticert, lemleħ. Tettent s uyrum.
	Anamek-is	Ssemman-as buzlluf imi i tezellifen deg temest
	S ħur Dallet sb(63)	Buzlluf d aqarru d yiđaren n yizimerad yezlef
	Assay asnamkan	D taynamka

Aħric n tesleđt

1.5.Igemmađ n tesleđt

Deg tezrewt-A negmer-d 86 n yismawen n tiram timensayin n wučči, nga i 67 n wawalen tasleđt ilmend n talya d unamek.

Aħric amezwaru : d tasleđt n talya n wawal s usuffey n uđar d usisen n tecrađ tigejdanin n yal awal.

Aħric wis sin : d tasleđt tasnamkant nefka-d anamek i yal awal almind n yimsulya, sin akkin nefka-d assay asnamkan-is. Seld tasleđt i nga nessawed yer igemmađ-a:

Awalen iherfiyen								21	
S talya n MI	S talya n Nt	S talya n Sf	S talya n Sg	S talya n ilelli	S talya n umaruz	Taynamka	Tynisemt	Tamegdawlt	Tagetnamka
15	08	18	13	21	17	16	01	04	∞
Awalen uddisen idduklanan								20	
S talya n MI	S talya n Nt	S talya n Sf	S talya n Sg	S talya n ilelli	S talya n umaruz	Taynamka	Tynisemt	Tamegdawlt	Tagetnamka
30	20	36	22	40	27	14	02	04	∞
Awalen uddisen isdduklanan								06	
S talya n MI	S talya n Nt	S talya n Sf	S talya n Sg	S talya n ilelli	S talya n umaruz	Taynamka	Tynisemt	Tamegdawlt	Tagetnamka
11	08	12	09	12	10	03	∞	01	02
Awalen isuddimen n yisem								06	

Aħric n tesleđt

S talya n Ml	S talya n unti	S talya n Sf	S talya n Sg	S talya n ilelli	S talya n umaruz	Taynamk a	Tynisemt	Tamegd awlt	Tagetna mka
04	04	04	04	06	06	03	∅	02	01

Awalen isuddimen										Asuddem anfan									
awšilan										02									
S talya n Ml	S talya n Nt		S talya n Sf		S talya n Sg		S talya n ilelli		S talya n umaruz		Taynamka		Tynisemt		Tamegdawl t		Tagetnamka		
3	1	01	02	03	02	01	∅	03	03	03	02	03	01	∅	∅	∅	01	∅	∅
Awalen iretalen iherfiyen															06				
S talya n Ml	S talya n Nt		S talya n Sf		S talya n Sg		S talya n ilelli		S talya n umaruz		Taynamka		Tynisemt		Tamegdaw lt		Tagetnamka		
05	04		06		03		06		03		04		01		01		∅		
Awalen iretalen uddisen isduklanen															01				
S talya n Ml	S talya n Nt		S talya n Sf		S talya n Sg		S talya n ilelli		S talya n umaruz		Taynamka		Tynisemt		Tamegdaw lt		Tagetnamka		
01	∅		01		∅		01		∅		01		∅		∅		∅		
Awalen iretalen isuddimen															02				
talya n Ml	talya n Nt	S talya n Sf		S talya n Sg		S talya n ilelli		S talya n umaruz		Taynamk a		Tynisemt		Tamegdawl t		Tagetnamk a			
01	01	01		02		02		01		02		∅		∅		∅			

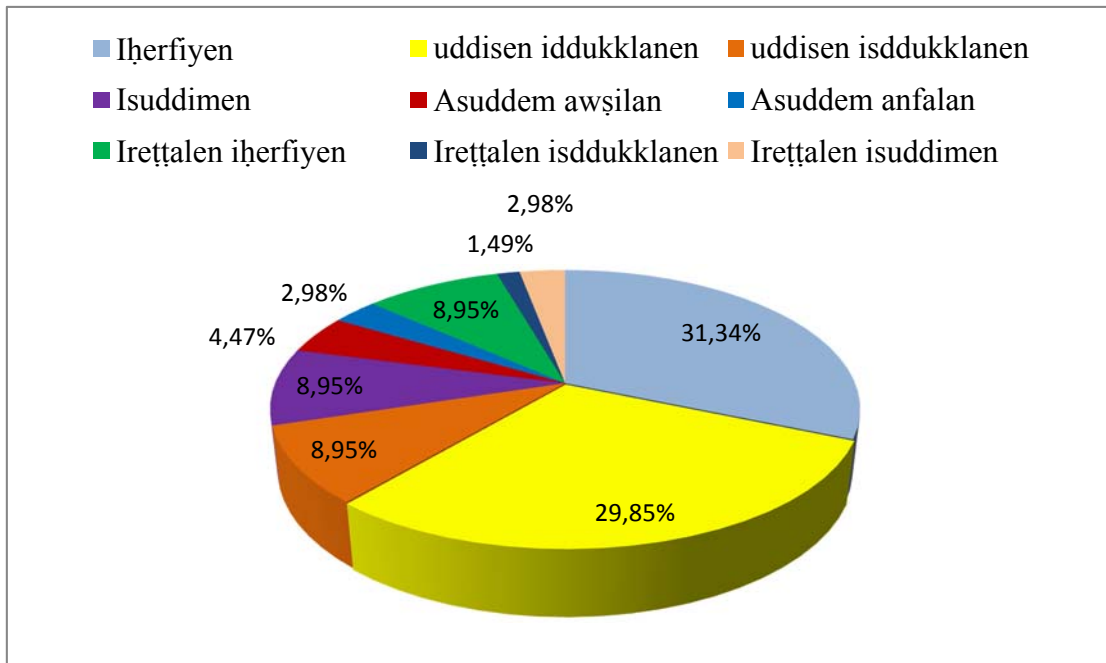
Aħric n tesleđt

Taggrayt

Deg taggara n uħric-a nga tasleđt tasnalıamkant i 67 n wawalen id -negmer deg temnađt n Yimeceddalen, dayen nexdem i 41 n wawalen anamek-nsen ney ayyer id as-nsemman .

Nufa-d tugett n wawalen d iħerfiyen 31,34%, d wuddisen adduklan 29,85%, asdduklan 8,95%, ur yuget ara, ma d awalen isuddimen s umata nufa-d 8,95%, awşilan 4,47%, anfalan 2,98%, sin akkin awalen iretđalen seg tutlayin tiberaniyin nufa-d aretđal aħerfi 8,95 %, uddis 1,49%, asuddem 2,98%, ur ugten ara acku tugett deg-sen ttwamuzyen s lqaleb n tmaziyt.

- Taşednawalt n umawal n tiram timensayin deg temnađt n Yimeceddalen



Taggrayt tamatut

Taggrayt tamatut

Tazrewt-a d tin i ikecmen deg unnar n tesnawalt s tarrayt tussnant, nessawed negmer-d 86 n yismawen n tiram timensayin n teqbaylit deg temnađt n Yimceddalen i yettabaen ayir n Tubiret, anda i nga tasleđt n talya d unamek i 67 n wawalen yerzan tamawalt n wučči. Neered ad d-nerr yef yiseteqsiyen yerzan tazrewt-a ama yef inumak n yismawen, ama yef wassay asnamkan-nsen, dayen nefka-d tabadut n wawalen ama yer yimsulya ama yer Dallet J.M, akken ad iban ma yella-d umgired d umcabi. Ihi iswi d asebyen d usekfel n yismawen-a seg jellu, timental i d-aɣ-yeğğan ad d-nefren ismawen-a acku ineggura-a ur nettwassen ara d imensayen.

Iwakken ad d-nawi isallen yef wammud-a neffey yer unnar nesteqsay imsulya s useqdec n tarrayt n udiwenni s usemres n tutlayt tafessast. Ihi leqdic-a yebda yef sin n yihricen, ahric n tezri d uħric n tesleđt maca; di tazwara nemmeslay-d yef yiferdisen n tesnarrayt i neđfer newwi-d awal yef ugmer n wammud.

Deg uħric n tezri nefka-d kra n tbadutin d yisallen yef tesnawalt(Amawal, awal,azar, askim) syin nemmeslay-d yef tesnalya(Ticrađ tigejdanin n yisem, asiley n umawal s usuddes asuddem,aređtal) ma d tasnamka nemmeslay-d yef wassayen isnamkanen yellan ger wawalen.

Deg uħric n tesleđt nebda tafelwit yef sin: tasleđt tasnalyant d tesleđt tasnamkant deg tfelwit n tesleđt tasnalyant nefka-d talya n wawal n wammud-a d usilley n umawal(asuddes, asuddem , aređtal) ma d tasleđt tasnamkant nemmeslay-d yef uheyyi n tiram d unamek-is d wassay asnamkan i yesea ama d tagetnamka,taynisemt, taynamka tamegdawalt, dayen nefka-d tabadut-nsen almend n usegzawal n Dallet(J.M).

Ɛer taggara n leqdic-a neffey-d s yigemmađ-a

Nufa-d ismawen iħerfiyen i yugten 31,34% deg-sen imalayen ttfen 71.42% seg wammud-a, akked d uddisen iddukklanen deg-sen iređtalen yettwamuzyen ttfen azal n 29,85%, uddis asdukkklan azal n 8,95%, asuddem n umyag seg yisem 8,95% ma d asuddem anfanan s wallus n tegalt yettef azal 2,98%, asuddem awšilan azal n 4,47% ma d iređtalen ur nettwamuzay ara ttfen 8,95% ur ugten ara acku tugett-nsen ttwamuzyen s lqaleb n teqbaylit, aređtal asdukkklan 1,49% ,ma d asuddem 2,98%.

Taggrayt tamatut

Deg tesleđt tasnamkant nufa-d tuget n yismawen n tiram timensayin d uddisen acku ućči n leqbayel d amesbayur yal yiwet n tiremt ad d-tmud azal n krađ ney ukuz n leşnaf n wućči yemxalaf deg uheyyi, yemxalaf deg lbenna, akken dayen nufa-d llan wassayen isnamkanen gar-asen nufa-d 13 n yismawen n tmegdawalt 19.40% , dayen nufa-d 04 n yismawen n teynisemt 5.97% ma d ismawen n tgetnamka 03 azal n 4.47% , ssin akin ad d-naf 44 n yismawen n teynamka azal n 65.67%, ma d tanmegla ur d nufi ara, ma nuyal yer unamek newwi-d azal n 41 n wawalen yeeni laşel-nsen ney ayyer i d as-nsemman s yisem-nni, dayen yella wanda i d-nufa amcabi d umgired deg tbadutin n tiram s yur yimsulya d usegzawal n Dallet J.M. maca d amcabi i yugten s wařas.

Deg yismawen n tiram timensayin nufa-d llan kra ttusemman almend n talya-nsen llan kra yef yini-nsen (Md iniyman) acku mgaraden deg yini dayen nufa-d kra yef unamek-nsen (Md ayrum, tayddiwt) .

Llan kra n yismawen ur nessawed ara ad d-nawi inumak-nsen acku imsulya i nesteqsa ur zrin ara ayyer i semman i tiram-nni akken.

Ihi nezmer ad d-nini neşşawed ad d-nerr yef turdiwin d yisteqsiyen i d-nefka di tazwara, imi tiram timensayin n teqbaylit deg temnađt n Yimceddalen d tidet qqiment-d yer tura, mazal řerzen-tent lađa tilawin timeqqranin n zik d wid yettidiren deg udrar deg tudrin, mi nfuk tasleđt nufa-d awalen n wućči i yugten d awalen iherfiyen d wuddisen, ma d ireřřalen d yisuddimen ur ugten ara s wařas.

Iswi n tezrawt-a i nexdem ad nessiweđ ad d-nawi amaynut i umawal n tmaziyt ama deg talya ama deg unamek, d usbegen n wassayen yellan ger yismawen n tiram timensayin-a d yinumak-nsen .

Ter taggara nessaram newwi-d amaynut i tayult n tesnilest n tmaziyt, ulamma yella lexşas imi ulac leqdic yemmden, nessaram dayen ad tili tezrawt-a d tin ara deffren wid i d-iteddun ad as-kemmlen ad d-awin timussniwin timaynutin, imi ur yetřtuqet ara fell-as leqdic, akked d umawal uzzig n tiram n wućči deg temnađt n Yimceddalen, acku llan yisemawen ruřen ttbeddilen-ten s yisemawen nniđen.

Tiybula

Tiybula

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Amawal

Amawal

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Ammud

Ammud

Ismawen iherfiyen

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01	Ayrum	19	Seksu
02	Acebbaḍ	20	Tabeyrirt
03	Adyes	21	Tayddiwt
04	Aqddid	22	Tawaract
05	Arkul	23	Taga
06	Abiṣar	24	Taceṣbant
07	Akermus	25	Tibidest
08	Axerrub	26	Tibuftatin
09	Amurej	27	Tifaywa
10	Amejjuḍ	28	Tifejyal
11	Ifujilen	29	Tiyrifin
12	Isakimen		
13	Iniyman		
14	Iyi		
15	Iwzan		
16	Igersalen		
17	Lbazin		
18	Lmeqeud		

Ammud

Ismawen uddisen

ismawen uddisen					
Uttun	Ismawen idduklanan			Uttun	Ismawen isdduklanan
01	Ayrum n yirden	17	Seksu n temzin	01	Azemmur aberkan
02	Ayrum n temzin	18	Seksu n waddad	02	Ayrum unziz
03	Ayrum n tecrawt	19	Seksu n sebea isufar	03	Ayrum yezuḡgen
04	Ayrum n lexlle	20	Seksu d weksun	04	Aemmuc yebban
05	Ayrum n felgu	21	Tabzizt n wudi	05	Ifelfel yedzen
06	Arumy n teglast	22	Tahbult n tmellalin	06	Timellelin tizumbicin
07	Ayrum n ubelluḡ	23	Tahbult n lmareqa		
08	Ayrum n ttmer	24	Tamaqfult n lesla		
09	Aemmuc n terkuct	25	Tamaqfult n wahrir		
10	Latay n tezgi	26	Tibuftatin n temzin		
11	Lbaṭaṭa n yiyyiden	27	Tikarciwin n lesla		
12	Taeṣbant n ujyed	28	Tiyrifin n kerkura		
13	Tameḡluet n zzit	29	Zzit d yiniyman		
14	Aemmuc n sker	30	Ziḡlmum n lesla		
15	Cekččuka n iberčečča				
16	Rfis n wudi				

Ammud

Ismawen isuddimen

Ismawen i suddimen					
Uṭṭun	Asuddem n yisem seg umyag	Uṭṭun	Asuddem anfan	Uṭṭun	Asuddem awsilan
01	areqaq	01	Acxcux	01	Aberbuc
02	Icuften	02	tayiyact	02	Bulfaf
03	Irekmen			03	Iberčečča
04	Ikkil				
05	Tamaqfult				
06	Tibraryin				
07	Timegzert				

Ismawen ireṭṭalen

uṭṭun	Iharfiyen	Uṭṭun	Uddisen isdduklanan	Uṭṭun	isuddimen
01	Acrab	01	Xebzddar	01	Buzlluf
02	Lesfanğ			02	Tameḍluet
03	Lberyuc				
04	Lejben				
06	Tikerciwin				

Timerna

Tugniwin



Xebzeddar



Lmeqrud



Lberyuc



Axerrub



Acrab



Rfis



Ikufiyen deg-s nnaema



Allalen n wučči



Acebbađ



Ifujilen



Isekkimen



Taħbult n Imerqa



Tameqfult



Buzlluf



Leesban n ujyed



Aemmuc yewwan



Tahbult n temllalin



Iwzan



Tikerciwin



Tikerciwin n leyla



Ifelfel yedzen



Taesbant



Tibrayin



Lxędra



Iniyman



Taga



Tameqluet n zzit



Adyes



Tiyrifin



Tameqluet



Timegzart



Acexcux



Ayrum n lexlîe



Aqeddid



Irekmen



Amurej



Ayrum



Ayrum n ttemar



Azemmur aberkan



Tawaract n wudi d yiya



Ayrum n tecrawt



Seksu d uksum