

**Tigduda tazayrit tamagdayt tayerfant
Aylif n uselmed unnig d unadi ussnan**

**Tasdawit Akli Muḥend Ulḥağ -Tubiret-
Tamazdayt n Tsekliwin d Tutlayin**

Agezdu n Tutlayt d Yidles n Tmaziyt



Tazrawt n master

Tayult: Tasnilest

Asentel

**Asmeskel amutlay n yimyan n tujya deg snat n
temnaḍin At lezziz d Imezdurar**

Tasleḍt tasnalyamkant

S yur:

Budebza Cahira

Buray Yusra.

s lmendad n mass

Cwimet Σli.

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Asnemmer

Deg tazwara ad as-nini tanemmirt tameqqrent i mass 'Chwimet' i yellan yid-ney deg tazwara n tazrawt-a almi d taggara.

Tanemmirt akk i yselmaden n ugezdu n tutlatyt d yidles n tmaziyt n tubiret.

Tanemmirt i yinsulya i ttekkim deg usali n wammud.

Tanemmirt akk i wid-ak i day d-yefkan afus lameawna.

Abuddu

❖ *Di tazwara ad snimmray sidi rebbi i ay-yeffkan afud akken ad nawed yer tegnit-a*

❖ *Ad budey tazrewta i yemma d baba yeezizen fell-i ad ten-yehrez rebbi wa d ittewel rebbi deg leamer-nsen.*

❖ *Iwergaz-iw i yeezizen fell-i mlih ad tehrez rebbi imi yella yidi seg tazwara armi d taggara.*

❖ *Itemyart-iw d wemyar-iw ad ten-yehrez rebbi.*

❖ *Iyestma d yergazen-nsent.*

❖ *Iwatmaten-iw tilawen-nsen.*

❖ *Iwaraw n yestma d waraw n watmaten-iw yal yiwen s yisem-is .*

❖ *Igema amezzyan.*

❖ *Itemdukkal-iw akken ma lant yal yiwet s yism-is.*

❖ *Iyemsulya i yellan yid-ney d widak akk ay yefkan afus n lemawna am iselmaden am d yinelmaden n tmaziyt akken mallan.*

❖ *Itemdakult-iw yusra tin yellan yidi deg uktaya segmi yebda almi yekfa.*

Cahira

Abuddu

❖ *Ad buddey leqdic-a i tafat n tudert-iw i ymawlen-iw ezizen (Baba, Yemma),yennaetaben felli atas, serramey-asen teyzi lemer tudert yeččuren d talwit d tumert d ssaħa .Ad as-niniy tanemmirt tameqqrent yessen i wđey yer tagnit n wass-a.*

❖ *Ad tbuddey i yestma ezizen i cerkey tudert Yasmina , Jeğğiga.*

Iwatmetn-iw Arezqi , Maşafa.

❖ *Ad tbuddey i xwali d xwalti yal yiwen s yisem-is akk d lemmum-iw d tlawin –nsent, d taemumtin-iw d yergazen –ansen.*

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❖ *Ad as –niniy tanemmirt tameqqrent i yimsulya i d –ay d-yefkan am mud i neħweğ i d –ay iēawnen atas si tazwara alma d taggara.*

❖ *Mebla ma ttuy tin icerkey akatay cahiar ezizen felli iħesbey am watma ad as-iniy tanemmirt tameqqrant imi id tella yidi deg leqdic-a si tazwara alma d taggara,Ad t-buddey d ayen i twacult-is iħesbey am imawlan-iw ad ten-iħrez rebbi,akked waregaz-is id-ay iēawnen deg ukataya.*

❖ *Ad tbuddey i selmaden n yidlas amaziy dyinelmaden n ugezdu ntmaziyt akken ma llan.*

❖ *Ad tehduy i ljiran-iw i yidfkan afus lemēawna Nawal, dwaregaz-is dwaraw-is aledya Yasmin ezizen felli. Wid ttuy ur t-id bdirey ara ad as –niniy surfetiyi.*

YUSRA

Isegzal d yizamulen

1/ Isegzal

Amalay : ML

Isem : SM

Asuf : SF

Asget : SG

Unti : NT

Amaruz : AM

Ielli : IL

Amedya : MD

2-Izamulen

Azar : $\sqrt{\dots}$

Ur isea ara : \emptyset

Ulac : /

→: Yefka-d

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Tazwert tamatut

Tazwert tamatut

Tutlayt tamaziɣt d tin i ttmeslayen ineşliyen i yellan deg tafriqt n ugafa deg waṭas n tmura i deg tella tamaziɣt ,gar-aset : Lezzayer , Nijer, Mali, Tunes,Lmeruk, Libya, Maşer... Mebla ma nbedr-d timura n lurup dtid n Marikan anda ttidirin yimaziɣen i yunagen seg tmura-nsen tinesliyin .Deg yal tamurt gar tmura anda wered tengir mađi ,ad d-naf akal tuy tmaziɣt yebđa dtamiwin iwumi ara nsemmi tantaliwin , akken nezra tantaliwin -a bđan-t dtimeslayin .

Ihi yal tama (tantala) , ɣur-s timeslayin-is ,llan yisegzawelen(asnitlayanen) i d-yewwin yakan ɣef yiwet n tmeslayt n tmurt n leqbayel , am win iga JEAN MARIE DALLET ɣef tin AT MANGELLAT .Gar wid iqedcen ɣef tmaziɣt d iberraniyin , s tuget qedcen ɣef umawal d usegzawel , ad d-naf deg iseggasen ineggura « Kmal Bouamara » iqedcen ɣef tayult n tasnilest iwumi yefka azwel « issin » « Kabyle, kabyle »2010.

Aselmed n tutlayt n tmaziɣt deg tmurt –nney i tikkelt tamezwarut yettuɣel ɣer tallit tamharsant n Fransa : « deg useggas n 1880 deg tmezdayt n tsekliwin n Lezzayer , syin akkin deg uyerbaz amagnu n Buzerriea ¹. ».Deg yiseggasen n 1885 /1887 ,slalent-d : « aselkin n tutlayt taqbaylit ². »,syin « agerđas n tantaliwin n tmaziɣt ³. » seg imiren i d ffyen yiselmaden imezwura ineğren abrid i uselmed n tmaziɣt , gar-asen “René Basset, André Picard, Boulifa akked Belkacem Ben Sedira , s yin akkin yerna-d Mouloud Mammeri”.

Tamaziɣt deg useggas 1995 i tekcem ɣer uyerbaz , maca deg aggur 2002 i tuɣal dtutlayt tayelnawt ɣer tama n taerabt .Gas yella-d lixsax n yidlisen , d wallalen isenegmiyen , maca ayeen yellan dtargit yuɣel dtilawt ,tuɣel tmaziɣt tekcem ɣer uyerbaz ,qqaren-tt yinelmaden am wakken i qqaren akk tutlayin nniđen .

Asmi tekcem tmaziɣt ɣer uyerbaz aṭas n ubeddel i d-yellan , aṭas i d-yernan d amaynut i tutlayt-a tayemmat ɣas yella-d akk lixsax -nni maca tura llan yidlisen iɣurbizen, llan yimawalen, llan wungalen ara yihwiğ ama d aselmad ama d anlmad , s wallalen-agi imaynuten i tesa tura ara tt-yeğgan ad tger isurifen imeqqrenen ɣer sdat d ayeen ad tkcem annar n tsekla akked dtusna .

¹ .Michel quitont ,in « actes du 1^{er} colloque sur l'aménagement de tamaziɣt 2006,sb 34.

² .Brevet de langue kabyle .

³ Diplôme de dialecte berbère.

Tazwert tamatut

Tutlayt n tmaziyt , zik tella-d s wudem n timawit deg wachal n tasutin , imi ur d-yelli ara leqdic s waṭas fell-as , maca tura dtin yettefen abrid n tirawit .

Tazrewt-nney dtin ara yilin yef usentel n yimyan gar snat n tamnaḍin (Imezdurar, At leeziz) , anda ara d-negmer awalen iccuden yer umawal-a ,s yin ad neered ad as-nexdem tasleḍt tasnelyamkent .

Ihi, tazrewt –nney dtin yerzan amawal n yimyan n tujsya i yebḍan yef 02 yixfawen :

- Ixef amezwaru d win n tezri deg-s ad d-nemmaslay yef wayen yerzan(tasnelya , tasnemka, tasnawalt)
- Ma yella deg ixef wis ssin ad nexdem tasleḍt tasnelyamkent i yimyan n tujsya deg-s ad nebder anamek n yal imyi dtalya-ines.

1 .Afren n usentel

Nefren asentel-a imi d win icudden yer tasnilest-nney, i yerzan asmeskel amutlay n umawal n yimyan n tujsya deg snat n temnaḍin (Imezdurar, At leeziz)

Asentel-a dwin wessieen , aṭas n leq dica-t i d yellan fell-as , ayen ara nexdem d akemmal i tezrawin ieddin

Nessarem nekkni ad d-nawi ney ad nkemmal iwayen ur sawḍen ara wiyed ad t-id awin

2. Iswi

Ihi, tazrewt-ney tbedd yef kra n yiswan d igejdanen, akken nezra yal tazrewt tesea iswi deg yal tayult, nessarem ad newweḍ yer iswan-agi gar-asen:

- Asnerni n umawal n tmaziyt
- D asebogen n yinumak n yal imyi n tujsya d wamek idsen (tuddsa)
- Iswi-ney d asefel n yismawen n yimyan n tujsya deg tmetti n leqbayel d wazal-nsen , iwakken tasut i d iteddun ad ten-id affen.

3.Tamukrist

Tamukrist-ney tcudd yer wayen yerzan imyan n tujsya ,ney asmeskel amutlay n yimyan n tujsya deg temnaḍt n At leeziz akk Imezdurar .

Gef waya deg wahil-ney add-nerr yef 04 isteqsien-a :

Tazwert tamatut

1/ Dacu-ten imyan n tujya i yellan deg 02 n temnaɗin-a (Imezdurar – At leeziz) ?

2/ Dacu wazal i yesean deg tujya ?

3/ Dacu d anamek n yal imyi ?

4/ Dacu n talya i yesea yal imyi ?

4.Turdiwin

- Ahat tuget n yismawen n yimyan d ineşliyen di tmaziyt ,ihi arettal ur yugit ara
- Imi ismawen n yimyan n tujya yer leqbayel d yimaziyen d ayen i yettruḥun , tettun-ten meddan ihi akka i d-teḍrru d yal tutlayt ma yella ur tessei ara tira (Imi zik ayen ara d-inin yimdanen yettili kan timawit ur tettaran ara).
- Imyan-agi akken nettwali sean azal d ameqqran deg tujya abeeda asemres-nsen deg talliyin ieeddan
- Anamek n yal imyi id nefren (.....) yesea anamek deg tmetti taqbaylit.

-Ad nwali azal-nsen deg tujya.

5.Asissen n wammud

Deg tazwara nefren imsulya iqedcen yef tayult n tujya, deg uḥric-a ad neereḍ amek ara ad d-negmer kra n yismawen n yimyan n tujya i yettwasnen deg 02 n tamnaɗin-a (At leeziz, Imezdurar) yal imyi yesea tawwuri-ines , syin akkin ad neereḍ yal imyi ad t-id nessgzi deg tfelwit.

6.Asissen n tarrayit n tagmert

Deg leqdic-a, neḍfer tarrayt n tsasant, deg-s ad nffey yer wannar akken ad d-negmer ammud i yeenan amawal n yimyan n tujya deg tamnaɗt n At leeziz d Imezdurar.

Isallen i d-newwi yer yimsulya yella-d s d tawil n yesteqsiyen iwakken ad d-nejmeε ammud iccuden yer umawal n yimyan n tujya.

7.Allalen n usexdem

Ayen id nejmeε yef usentel-mney yalla-d s tufya yer wannar d useqdec n d tawil n usekles d tira, (imi llan kra n yimsulya uggin ad ten-sekles , d ya njemeed ammud n umawal n yimyan n tujya s tira .

8. Asissen n yimsulya

Deg tazrewt-nney nefren imsulya i yellan deg tamnađtin –nni (At leeziz , Imezdurar), Nefren wid meqqrان deg laemer imi neħsa d-nutni i yesean timusniwin akk cfan yef wayen yerzan asentel-nney .

Imsulya i nestaqsa s tuget d wid ur neyri ara akk d ayen d tilawin s tuget imi d nutenti i yesnant mliħ yef yimyan akk i wayen lhan .

Imsulya n 02 tamnađin (At laeziz , Imezdurar):

Imsulya	Laemer	Aswir n t yuri	Tawsit
F.Bumeħza	45	Ur yeyri ara	Tawtemt
ħ.Gul	50	Ur teyri ara	Tawtemt
A.Xlifi	80	Ur teyri ara	Awtem
M.ħimen	76	Ur teyri ara	Tawtemt
ħ.Buray	75	Ur teyri ara	Tawtemt
J.Ider	40	Teyra	Tawtemt
L.Budebza	38	Ur teyri ara	Tawtemt
M.ħalwac	59	Ur teyri ara	Tawtemt
F.Buray	53	Ur teyri ara	Tawtemt

Tafelwit-a teskanay-d imsulya i d newwi isallen i yemgaraden deg laemer,d uswir n tyuri.

9. Asissen n temnađt

-Temnađt n At leeziz

At leeziz d yiwet n temnađt id-yezgan deg unzul n tyiwant n tubiret, ma si tama n umalu eumer, seg ugafa bunuħ , ma si tama n usammar tayzut.

At leeziz d tamnađt n yidurar tussa-d yef teyzi n yidurar n ğerğer , tesa sin yiberdan seg-sent nzmer ad nekcem, yur-s abrid ayelnaw uđun wis semus (05) id-yussan si tama n zebbuĝa d ubrid ayelnaw wis sđis (06) yer tama n drae lexmis seg temnađt n bunuħ.

Tazwert tamatut

Tillisa n wakkal-is yessawed yer (40 km) d 14350 n yimezday azal n 39 km², tebeed yef tyiwant n tubiret azal n 18 km, tesa azal n 150 n tudrin deg-sent (iburassen, meella, bezzit, iaelwacen, igellaten, ifudiyen)

At leeziz tettwasen s wannar n dabex n uɗar id-yuzgan deg taddart n meella Tamnaɗt-a yuget deg-s wannar n tezuri ger tizurin-agi ad nawi, md yef ccena anda id teflali aɗal d icenayen gar-sen (Buras Hmed , Awejiran , laelawi Hassan , Aɣrad Maxluf , Lewnisi Rracid anegaru-agi d win ifernen ccena d tayult i yelmed deg uyerbaz alemmas).

-Tamnaɗt n Imezdurar

Taddart n yimezdurar , tezga-d deg usammar n wayir n tubiret deg ubrid uɗun wis semmus (05), yettawin yer leerc Amceddala.Taddart n yimezdurar tusa-d nnig n tyiwant n sahariɣ , si tama n usamar ad d-naf taddart n Yibelbaren d yiwaquren , ma si tama n umalu d tigejda d uswel , ma di tama n unzul d taddart n At yilyiten d taddart n At hemmad s wacu i tettwasen taddart n yimezdurar ?

Taddart n yimezdurar , tettwassen s usemmid deg tegrest d uyamac di tallit n unebdu ma d aman llan akk di tsemhuyin-is , imi atas n leewansar i tesa maɗči d yiwen ney sin yal yiwen deg-sen yettunefka-s yisem .Ansi id yekka wawal (tamiɗrant) Imezdurar ?

Imezdurar yekka-d seg sin wawalen n imezdey n yidurar (ihi awal imezdurar d awal uddus yebɗa yef sin wawalen imezdey n yidurar).

Ihi akken tezram imezdey n yidurar ttwasnen s tfellaht (axeddim n wakal) d tkessawt n lmal (amaeiz , abeqri), s yes i tetteici yal tawacult di taddart , akken d ayeen ad d-naf atas n yimusnawen i d-tefka taddart-a si tallit-nni n zik almi d tallit-a tamirant.

Ixef mezwaru

Akater n tezri: tasnalya-tasnamka d tasnawalt

Tazwert

Deg uħric-agi n tezri ad neeređ ad d-nawi awal yef yiswiren igejdanen , n tesleđt , i yesean assay yer tezrewt-nney

Deg uħric-a ad neeređ ad d-nesbadu tasnelɣa , syin akkin ad d-nawi awal yef wayen yerzan isem , amyag (d tacređ tigejdanin-nsen) , d aŷen ad d-nemmaslay yef usiley n umawal ad d-naf deg-s (asuddem, asuddes , aređtal) . syin akkin ad d-nawi awal yef tasnemka d wassayen-ines isnamkanen (Timegdewt , Taynisent , Tagetnemka) , d aŷen ad neeređ ad d-nesbadu tasnawalt deg-s (awal , aŷar , d leŷnaf-ines , d tawsatin n uŷar),akk ad d-nemmaslay yef usmeskel amutlay,d yiswan-ines.

1.Tasnalɣa

Tasnalɣa d awal uddis yekka-d seg tusna + talɣa

Tasnalɣa d tusna izerwen awalen d talɣa , d aŷen d aħric seg tesnilest .

Gar wid i d-yesbadun tasnalɣa ad d-naf :

J. DUBOIS yenna-d : « Deg tjerrumt tansayt , tasnalɣa tzerrew talɣiwin d wawalen , [.....] s tenmegla n tazrewt n twwuriwin akk d tseddast⁴. »

Ma yella yer **Georges Mounin**: « tasnalɣa tamansayt tzerrew talɣiwin i d yessanfalayen awalen deg tutlayt,d ibeddilen n talɣa n wawalen akken ad d isenfali assayen n wawalen wiyed deg tefyirt ...⁵»

1.Isem

Isem di tmaziyt d awal armeskil,yemmal-d amdan ney taŷawsa .

Imarazen moussa yenna-d: « isem di tmaziyt ,tettbeggin-t-id talɣa-s i yebnen yef kra n tecređ i t-yessemgiriden yef tesmilin nniden n tutlayt-a ,akked d yisem deg tutlayin nniden.⁶ »

⁴ JEAN DUBOIS , *le dictionnaire de linguistique et des sciences du langage*,Edition L'arousse, Paris, 2012, p. 311.

« En grammaire traditionnelle , morphologie est l'etude des formes des mots [.....] par opposition l'etide des fonction au syntaxe.»

⁵-Georges Mounin, *Dictionnaire de la linguistique*,Edition QUADRIGE/PUF,1974(340),p221.

« traditionnellement, étude des formes sous les quelles se présentent les mots dans une langue, des changements dans la formes des mots pour exprimer leurs relation a d'autres mots de la phrase... »

⁶-IMARAZEN Moussa,*awfus n tjerrumt n teqbaylit n teqbaylit*,Edition Elamel,2016(77),p15.

Ixef mezwaru Akater n tezri: tasnalya-tasnamka d tasnawalt

Mouloud Memmri yenna-d: « Isem immal tayawsa , ama t-tin iwumi'ara ihulfu bnamd ama t-tin d-ittxeṭṭiren kan di lbal⁷. »

Idir Azeddine deg usegzawal amezzyan n tesnilest n tmaziyt yenna-d: « Isem d awal i yettbeddilen almend n tawsit, addad, d umḍan...⁸ »

Ger **Sadaq Bendali**: « Isem d awal ameskil yemmalen amḍan ney tayawsa yezmer ad yili d akmam ney d amadwen. Isem akmam d win yerzan ayen iwumi netthulfu: inzen i nettatṭaf, izemren ad yers yef tfekka-nney md aḍu...⁹ »

.Ticraḍ tigejdanin n yisem

I hi isem di tmaziyt yebda yef karḍ (3) n ticraḍ tigejdanin :

- Tawsit
- Amḍan
- Addad

1. Tawsit

Kamel Nait-Zerrad yenna-d : «Tawsit di tmaziyt tebḍa yef 02..... amalay d unti. ¹⁰»

Imarazene Moussa : yesbadu-tt-id « Nessemgired , di tmaziyt gar snat n tawsatin kan : amalayd wunti , am-akken i yellan deg waṭas n tutlayin-nniden ¹¹ ».

Ihi tawsit tesḍa 02 n yiferdisen amalay d unti .

a. Amalay

Kamal Nait Zerrad yenna-d : « Isem amalay s umata ibeddu s tiyri a , u , i¹²».

Md : a →afus

u → ul

i → iles

⁷ -MOULOUD Memmri, *tajerrumt n tmaziyt taqbaylit (tantala taqbaylit)*, Edition Paul-Painlève, paris, 1990, p

⁸ -IDIR Azeddine , *asegzawel amezzyan n tesnilest n tmaziyt* , Edition Berri-Bejaia, 2020(78), p38.

⁹ -SADAQ Bendali , *awfus amaynut n tutlayt tamaziyt*, Edition HCA, 2007(167), p13.

¹⁰ - Kamal Nait- zerrad, *Tajerrumt n tmaziyt tamirent(taqbaylit)* , edition ENAG/EDITIONS-alger 1995,(178) p44.« Il existe deux genrs en berbère :le masculin et le féminin. »

¹¹ - IMARAZENE Moussa, *Awfus n tjrrumt n taqbaylit* , 2016 , p15.

¹² -KAMAL Nait-zerrad, *tajerrumt n tmaziyt tamirent (taqbaylit)*, 1995, p44 « Les nom masculin commence en gènerale par une des voyelle...a,u,i. ».

Ixef mezwaru Akater n tezri: tasnalya-tasnamka d tasnawalt

Kamal Nait Zerrad yenna-d d aÿen : « llan ismawen ibeddun s tiÿri ur sein ara amalay anagar deg uẓar ex : ulli¹³.».

Kamel Nait -zerrad yenna-d : « Llan yismawen imalayen ur beddun ara s tiÿri ¹⁴... »

Md : Laz , seksu , beẓtu

Kamel Nait- zerrad d aÿen yenna-d : « Ireẓalen keffun s targalt s umata ttilin d imalayen ¹⁵.»

Md : leqlam , llsas , ccÿel , zzman .

Ad d-naf **Imarazen moussa** yefka-d tamuÿli-ines yef “ Isem amalay “

Ihi yenna-d belli : « Isem amalay di tmaziÿt (Taqbaylit) ibeddu s umata s umagrad i yettilin d yiwet gar krad n tiÿra yeččuren (a) , (i) neÿ (u)¹⁶. »

Imedyaten

(a) → akli → aklan

(i) → iles → ilsawen

(u) → ul → ulawen

b/Unti

Kamal Nait zerrad yenna-d « unti , d talya tucriġt beddun akk s walÿac t → t¹⁷»

Md amÿar → tamÿart

axxam → taxxam

aqcic → taqcict

Ismawen untiyen rzan akk ismawen n yimÿan d yiÿersiwen

Md

¹³ -KAMAL Nait-zerrad,Ibid, p 44. « Tous les noms commençant par voyelle sont masculins,à quelques exceptions près, ex ulli...

¹⁴ -KAMAL Nait- Zerrad,Ibid,p44. « Certain noms masculin n’ont pas de voyelle.

¹⁵ -KAMAL Nait –Zerrad,Ibid,p44 « Les emprunt se termine par une consonne sont en gènèrale masculins »

¹⁶ -IMARAZEN Moussa,*awfus n tjerrumt n taqbaylit*,Edition Elamel 2016(77) p15,16.

¹⁷ -KAMAL nait- zerrad OP-cit,p45. « il se forme gènèralment sur masculin par la prèfication et la suffixation d « t » m amÿar.f tamÿart.. »

Ixef mezwaru Akater n tezri: tasnalya-tasnamka d tasnawalt

Amalay	Unti
Axxam	Taxxamt
Aydi	Taydit
Awettuf	Tawettuft
Azemmur	Tazemmurt

Llan ismawen wiyad beddun s “t” n wunti kan ulac “t” n taggara

Md tasa , taga , timest , tablat .

Llan ismawen wiyad beddun s “t” n wunti keffun “i”

Md : tili

Llan ismawen wiyad d tammepla gar umalay d unti

md Argaz → tamettut

Ihiqel → tasekkurt

Izem → tasedda

Llan ismawen imalayen keffun “d” ney “d” mi ara tnerr yer wunti ad yuvel “t” ney “t”

Md Ayaziḍ → tayaziḍt

Agellid → tagellidit

Abrid → tabridt

2.Amḍan

D taggayt seg taggayin tulzimin n yisem , nrenu-tt i yisem d tecraḍ-ines tigejdanin.

Md : aqcic , amyar , axxam

teena d ayen ismawen ireṭṭalen (seg taerabt tafransist)

Md : tikuzinin , tikamyunin .

Ad d-naf kra n yimusnawen s badun-d amḍan :

Ixef mezwaru Akater n tezri: tasnalya-tasnamka d tasnawalt

Kamal nait zerrad yenna-d : « di tmaziyt amdan d tanmegla gar wasuf d usget¹⁸»

Imarazen Moussa yesbadu-t-id « deg tmaziyt , nessemgirid gar wasuf d usget id-nessily , deg tuget , seg uffeggag n wasuf (d axel ney berra n uffeggag)¹⁹»

Idir Azeddine: yenna-d deg usegzawal amezzyan n tesnilest n tmaziyt : « amdan d tulumist n tjerrumt i yessemgiriden gar snat n talyiwin n yisem , talya n wasuf akked d talya n wesget²⁰.... »

Ihi,amdan yebda yef 02:

a -Asuf

b -Asget

a.Asuf

Yemmal-d yiwet n tyawsa

Md : axxam , argaz , ass .

Idir azeddine deg usegzawal amezzyan n tesnilest n tmaziyt : « asuf d taggayt n umdan id-yammalen(yiwen) deg yismawen n wayen i yttwaḥsaben (tanmegla aṭas²¹»

Md :

Asuf	Asget
Axxam	Ixxamen

b.Asget

Yemmal-d snat 02 n tyawsiwin ney ugar

Md: Ixxamen , Irgazen , ussan .

D ayen nenna-d belli: « Asget d taggayt n umdan i d-yemmalen (aṭas) deg yismawen n Yettwaḥsaben(tanmegla n yiwen-aṭas²²»

¹⁸ -KAMAL Nait-Zerrad),ENAG/EDITION- Alger,1995(178), p49. « Le berbère possède un singulier est un pluriel. »

¹⁹ -IMARAZEN Moussa,*awfus n tjerrumt n taqbaylit*,Edition Elamel, 2016(77),p19.

²⁰ -IDIR Azeddine,*asegzawal amezzyan n tesnilest n tmaziyt*, Edition Berri-Bejaia,2020(78),p24.

²¹ -IDIR Azeddine, Op.cit,p35.

Ixef mezwaru Akater n tezri: tasnalya-tasnamka d tasnawalt

Md :

Axxam → Ixxamen

(asuf) (asget)

Tarrayin n usiley n umḍan di tmaziyt

1/Abeddal n teyra amezwarut a/ a → i

Md:

Asuf	Asget
Ayanim	Iyunam
Amcic	Imcac
Amyar	Imyaren

Tamawt : yettili ubeddal deg talya tamezwarut “a” yettuḡal “i”, ma yella deg talya

tis snat 02 ulac abeddal .

b/ “ t → t ” Md:

Asuf	Asget
Tala	Tiliwa
Targa	Tiregwa

Tamawt : ur yelli ara ubeddel ticreḍ n wunti tettqima akken

c/ “ u → u ” Md:

Asuf	Asget
Ul	Ulawen
uccen	Uccanen

Tamawt : yella-d ubeddel n dixel dtmerna n tahrayt (awen en)

Ixef mezwaru Akater n tezri: tasnalya-tasnamka d tasnawalt

d/ “ ti → ti ”

Amedya :

Asuf	Asget
Tinzert	Tinzarin

Tamawt : abeddel n talya n umagred tettbeddil ela ḥseb n talya n yisem , ela ḥsab n talya

tamezwarut .

e/ “ ta → ta ”

Amedya :

Asuf	Asget
Tama	Tamiwin

Ismawen ibeddun s “ i ”

Asuf	Asget
Izem	Izmawen
Iles	Ilsawen
Imensi	Imensawen

1/Asget n tehrayt « n »

Asget n berra :

Tamawt : asget n berra yella-d ubeddel yer taggara

Asget s tehrayt yettili di taggara llant talyiwin i d-yettbanen am : awen ney ayen ney atin

Md : amyar → imyaren. → Timerna n yilem yer thrayt .

Tameqrant → timeqranin → timerna n i yer thrayt .

Ixef mezwaru Akater n tezri: tasnalya-tasnamka d tasnawalt

Talya	Asuf	Asget
Awen	Iles Udem Izem	Ilsawen Udmawen Izmawen
Ayen Abeddel n a → i	Ayerda Afehli Ajenwi	Iyerdayen Ifehliyen Ijenwiyen

a → u

Asuf	Asget
Amaday	Imuday
Asalas	Isulas

e → a

Asuf	Asget
Tifirest	Tifiras
Tinzert	Tinzar

Tamawt

Deg talya-agi « e → a » yella-d uylluy i yeyli macci d abeddel .

∅ → u

Asuf	Asget
Amar	Imurar
Adrar	Idurar

Tamawt

Talya- agi d abani id ban ger snat tergalin yemxalafen .

-Tamlellit n teyra tuddist (s snat n teyra ibedden [tasinnant]):

Md :

Ixef mezwaru Akater n tezri: tasnalya-tasnamka d tasnawalt

Asuf	Asget
Asaru	Isura
Ayaziḍ	Iyuzad
Ayanim	Iyunam
Amezwaru	Imezwura

-Asget uxeliḍ

Md: annar → inurar

- Abeddel n teyra s tubanin n “ w ”

Asuf	Asget
Tizgi	Tizegwa
Targa	Tiregwa
Tasga	Tisegwa

Aten + a → i

Asuf	Asget
Amedya	Imedyaten
Anebdu	Inebduten – inebduyen

Tamawt

Asget-agi yettili-d s tehrayt n “ n ” tettbaned “ y ” ney “ w ” di tehrayt deg kra n talyiwin “ y ”

“ iw ” sellen i wyelluy .

2/Asget s temlellit n teyra

- Asget s daxel

D axel abeddel n teyra n yisem

Md:azru → izra

Talya taḥerfit : nettaf-d abeddel n teyra ney tamlellit n teyra taḥerfit, tiyra kan i yettbeddilen

Talya tamzwarut :

Ixef mezwaru Akater n tezri: tasnalya-tasnamka d tasnawalt

u → a

afrux → ifrax

amargu → imerga

amenzu → imenza

Tamawt : (u → a) dtuyalin taḥerfit n teyra amagrad tezga tettbeddil di tugget n yismawen.

Talya tisnat 02

i → a

Md : amcic → imcac

amuḍin → imuḍan

Tamawt : llan kra n yismawen sean talya n wasuf war asget

Llan kra n yismawen sean talya n usget war asuf .

3.Addad

Addad di tmaziyt d taggayt tajerrumant tulzimt teqqen d yisem.... .Tella-d s tenmegla gar waddad illeli d waddad amaruz .

Imedyaten

Addad illeli	Addad amaruz
Axxam	Uxxam
Argaz	Urgaz
Tameṭṭut	Tmeṭṭut

Ter Sadaq bendali yenna-d yef waddad : « addaden d talɣiwin i yezmren ad yesɛu yisem ney awal nniḍen ilmend (n wadeg-is) , di tefyirt d wawalen i t-isuman²³. »

Ma yella **Imarazen Moussa** yanna-d : « d asemgired deg waddad d yiwet n tulmist , ala di tmaziyt kan i yella ad naf deg-s sin waddaden i yemgaraden deg talya n tazwara n yisem : Addad ilelli, Addad amaruz²⁴. »

²³ -SADAQ Bendali, *awfuf amaynut n tutlayt n tmaziyt*, Edition HCA, 2007(167), p25.

²⁴ -IMARAZEN Moussa , *awfus n tjerrumt n taqbaylit*, Edition Elamel, 2017(77), p27.

Ixef mezwaru Akater n tezri: tasnalya-tasnamka d tasnawalt

Ihi addad yebda yef sin (02)

a)/ Addad ilelli

b)/ Addad amaruz

a.Addad ilelli

Imarazen Moussa yenna-d: «Ad yili yisem deg waddad ilelli , mi ara yili s talya-nni taħerfit i yettattaf wehd-s , berra i tefyirt, maca tettili-d talya-agi ula di kra n yidgen deg tefyirt²⁵ »

Ma yella yer **Sadaq Bendali** : « yettili wawal deg waddad ilelli ma ur yelli umaruz deg ususru gar-as d wawal nniḍen i t-yezwaren ²⁶»

Yenna-d d ayen : « Addad ilelli d talya tamagnut n yisem i deg ur yuriz ara yer kra n wawalen nniḍen n ususru ²⁷»

Md: tagrest tekfa.

b.Addad amaruz

Imarazen Moussa yesbadu-t-id : «yettili yisem deg waddad amaruz mi ara d-yeḍru fell-as kra n ubeddal deg umagrad uzgen ayri ²⁸.»

MD Taqcict → teqcict

Aman → waman

Aqcic → weqcic

Ter **Sadaq bendali** yenna-d : « Talya n yisem yurez sususru yer wawal i yeḍfer s umata , yettili ubeddel di tiyri tamezwarut maca tikwal , ur yettili ara ubeddal ²⁹»

Addad ilelli	Addad amaruz
Tagrest tekfa	Tekfa tegrest
Ass yuli	Yuli wass
Tafsut add-tas	Add-tas tefsut

²⁵-IMARAZEN Moussa, Ibid, p27.

²⁶-SADAQ Bendali, Op.cit , p27.

²⁷-SADAQ Bendali , Op.cit , p 25.

²⁸-IMARAZEN Moussa,*awfus n tjerrumt n teqbaylit*,Edition Elamel, 2016(77), 27.

²⁹-SADAQ Bendali,*awfus amaynut n tutlayt tamaziyt*, Edition HCA ,2007(167) ,p 25.

Yettili-d wemgired gar sin waddaden akka :

Talya		Amalay		Talya		Unti	
Q	We	Asif	wasif	Ta	Ta	Taga	Taga
	We	Abrid	webrid		Te	tamsirt	Temsirt
	U	Afus	ufus		T	tamurt	Tmurt
I	Yi	Iles	yiles	Ti	Ti	Tilift	Tilift
	Ye	Iqcer	yeqcer		Te	tiqcert	Teqcert
	I	Igenni	igenni		T	Tilelli	Tlelli
U	Tu	Uhmu	wuhmu	Tu	Tu	tulmut	Tulmut
				Te	Te	Tenlel	Tenlel

2.Amyag

Amyag d awal i d-yemmalen tigawt ney tayara , iffeti ilmend n tmezra d yimqimen udmawanen .

Ad d-naf atas n yimusnilsen i d yemmeslayan yef umyag .

Mouloud Memmeri : « Amyag iffeti ilmend n udem ³⁰.»

MD : zemrey

Tzemred

Larbi Yahoune yenna-d :« Deg tmaziyt , nessemgirid gar snat n tawsatin n yimyagen :

amyag n tigawt (iruh , yura ,yečča) ,d **umyag n tyara**(yecbeḥ ,berrik ,rqiḳ) . Talya taḥerfit n umyag :d talya n umyag uqbel ad yefti (md: af , sel , zer...).Mi yefti umyag llan deg-s sin iferdisen : amatar udmawen d ufeggag»³¹

Amatar udmawen : d amur seg umyag i d –yemmalen asentel (win igan tigawt).

Afeggag n umyag : d ayenara d- yeqqimen mi ara nekkas amatar udmawen .

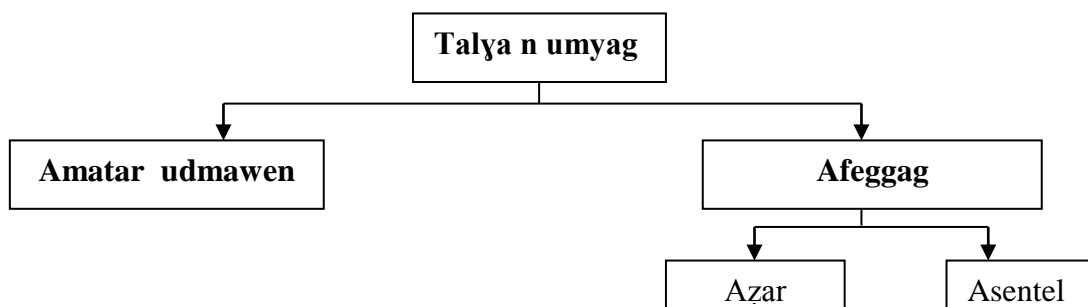
³⁰- MOULOUD Memmeri , tajerrumt n tmaziyt tantala taqbaylit ,Edition Paul -Painlève ,Paris ,1990, p 61.

³¹-LARBI Yahoune ,*Abrid yer ukayad n tmaziyt* ,Edition Bejaia ,(46),p 9.

MD:

Amyag	Amatar udmawan	Afeggag	Talya taḥerfit
Ufiyγ	Ufi	Af
Yečča	y.....	Ečča	Ečč
Gezmenn	Gezem	Gzem

Kamal Nait Zerrad yenna-d : « amyag di tmaziyt yefti ilmend n tewsit , amḍan , udem , talya tamyagent , tettili-d s stalya n umatar. Amyag yesea ukuz 04 n tmezra urmir , urmir ussid , izri, izri ibaw³² »



1. Ticed tigejdanin n umyag

a. Amatar udmawen

yemmal-d win ixedmen tigawt yettas-d yeqqen yer umyag , yezmer ad yili deg tazwara ney deg taggara ney tazwara , taggara

Md :

Yečča

(y) : amatar udmawen (yus-d yer tazwara)

Ruḥay :(amatar udmawen)yusa-d yer taggara

Tazwara taggara:truḥed(t→ḍ)

(t) , (ḍ) : amatar udmawen (tazwara taggara)

³² -KAMAL Nait – Zerrad , *tajerrumt n tmaziyt tamirent taqbaylit talwiwin* , ENAG- Editions –Alger ,1995(178), p 71. « le verbe kabyle se conjugue en genre, nombre et personne, une forme verbale peut se décomposer de la manière affixe (s).... Le verbe prosodie quatre theme l'aroriste , l'aroriste intensif ,prètèrite , et le prètèrite nègatif... »

Ixef mezwaru Akater n tezri: tasnalya-tasnamka d tasnawalt

Ger **Sadaq bendali** : « amatar d isekkilin id-irennun , di tseftit , di tazwara d taggara n wemyag , yemmal-d anwa udem wi yer yefti umyag .³³»

Md:

Yufeg → y → netta udem wis 03 asuf amalay

Ufant → nt → nitenti udem wis 03 asget unti

Sadaq bendali yesbadud : « Amyag dawal ameskil ifetti nettaf deg-s sin yihricen , afeggag , amatar udmawen.³⁴ »

Idir Azeddine deg usegzawal amezzyan n tesnilest :« Amyag d awal i ifettin almend n wudem s tmezri deg talya , amyag yeftin deg-s sin n yimuren:

-amatar udmawen dufeggag

Md: frant , deg-s (nt) damatar udmawen , (fra : afeggag) , deg unamek yezmer umyag ad d-yesken tigawt neytayara

Md: ddu d amyag n tigawt

izwiy d amyag n tyara ³⁵»

Idir Azeddine deg usegzawal amezzyan n tesnilest n tmaziyt : « amatar d aferdis deg talya n umyag i d-yeskanayen i yellan d udem (amatar udmawen) ney ayen ur nelli d udem deg umayun (amatar umayun)³⁶».

b.Afeggag

d asekkim i d-yemmalen timezri.

Idir Azeddine deg usegzawel amezzyan n tesnilest n tmaziyt : « deg unagraw afeggag , d talya n umyag war amatar udmawen : afeggag n umyag i yeftin ,

Md: uzzlent d uzzl (afeggag) , talya-ya n ufeggag tla azal deg tesleqt n wuddus amseyru anemyage³⁷ »

³³-SADAQ Bendali ,*awfus amaynut n tutlayt tamaziyt* ,Edition HCA 2007 ,(167), P39.

³⁴-SADAQ Bendali, OP.cit,p33

³⁵-IDIR Azeddine , *asegzawal amezzyan n tesnilest n tmaziyt* , Edition BERRI , Bejaia ,2020(78) ,p 26.

³⁶-IDIR Azeddine , OP,cit , p 23.

3.Asiley n umawal

Deg usiley n umawal ad d-naf atas n yiberdan gar yiberdan-a igejdanen , ad d-naf :

3.1.Asuddem

D asiley n tayyunt tajerrumant yer tayyunt tamawalent d tarrayt seg tarrayin n usiley numawal,iwakken ad d-nessufey awalen d imaynuten .

Ter **Sadaq Bendali** : « Asuddem d asuffey n wawal seg wawal nniḍen awal i d-yettusudmen d awal asuddim , yettili d isem , d amyag ... Si zik ar assa , simmal ttlalen-d wawalen imaynuten , rennun-d yer umawal b tutlayt , tarrayt tagejdant deg wesnulfu-nsen d asudden³⁸»

Ma yella yer **Imarazen Moussa** : « Asuddem d allal i nesseqdec atas deg usiley n wawalen seg yiwen n uzar , nezmer ad d-nessuddem isem n tigawt , isem n umeggay , isem n wallal isem akmam , arbib...³⁹»

-Leṣnaf n usuddem

Asuddem yesea sḍis (06) leṣnaf :

1. Asuddem ajerruman

2. Asuddem anfalen

3.Asuddem asmawen

4.Asuddem awsilan

5. Asuddem imleywi

6.Asuddem s terwest

Ihi gar sḍis (06) n leṣnaf-a ad nefren kraḍ 03 ad d-nemmeslay fell-asen :

1.Asuddem ajerruman

Asuddem ajerruman yebḍa yef sin (02)

a. Asuddem amyagen

³⁷-IDIR Azeddine,*asegzawal amezzyan n tesnilest n tmaziyt*,Edition BERRI,Bejaia,2020(78),23.

³⁸-SADAQ Bendali ,*awfus amaynut n tutlayt n tmaziyt* ,Edition HCA , 2007(78) ,p61.

³⁹-IMARAZEN Moussa ,*Awfus n tjerrumt n taqbaylit*,Edition Alamel , 2016(77) , p36.

b. Asuddem asmawen

a/Asuddem amyagen

Yettili-d s usiley n talɣiwin tiherfiyin i wumi neqqar (asway , attway , amyay).

Ɛer **Sadaq Bendali** : « Amyag asuddim yetteli d asway d amyay ney d attway , iderru-d usuddem n yemyagen ilmend isekkilen s wayes yebda wamyag amenzu , amyag ansi d-yekka usuddem d amyag amenzu .⁴⁰ »

Asuddem amyagen yesca (03) a talɣiwin n usiley :

1.Asway : yetteli-d s t merna n yiwen seg yizwiren-a yezmer ad yili : “ s ” , “ sse ” , “ ssu ”
yer tazwara

Ffey → suffey

Ečč → sečč

Rwel → sserwel

2.Attway

Yettili-d uttway s t merna n uzwir (ttu , ttwa , ttw , mm).

Imedyaten :

-ttwa → ttef → yettwaṭtef

- ttu → ddawi → ttudawi

- mm → ečč → mmečč

3. Amyay

Yettili-d s wezwir (my , mye , myu , m).

Imedyaten

- my → aru → myaru

- myu → af → myufan

⁴⁰ -SADAQ Bendali, *awfus amaynut n tutlayt tamaziyt*, Edition HCA, 2007(78), p 65.

- m → nadi → mnadi

- mye → kcem → myekcem

b.Asuddem asmawen

D tayyunt tagejdant di tmaziyt i yesean azal deg usnulfu amawalen.

Sadaq Bendali yur-s asuddem asmawen : « yettili-d usuddem ula seg yismawen , xas ur teggit ara tarrayt-a , tezmer ad tili , deg yimal d yiwen wallal s wazal-is , i wesnefli d wesnerni n tutlayt-nney am di tutlayin nniḍen n umaḍal ...⁴¹ »

Nezmer ad d-nessudem seg yisem asmawen

a. Isem n tigawt

b. Isem n umigaw

c. Isem n wallal

d. Isem n ukmam

a. Isem n tigawt

D isem id-nessudem seg umyag yefiti yer wanaḍ , isem n tigawt yemmal-d tigawt yeḍran ad d-naf yesea aṭas n talyiwin

Imarazen Moussa yettwali : « Isem n tigawt yettwalay seg ufeggag n umyag yefitin deg wanaḍ , seg-s id-ttban talya n usuddim , maca aṭas n leqwaleb i yellan deg usiley n yisem n tigawt ...⁴² »

Isem n tigawt ad d-naf yesea aṭas n talyiwin:

1.Asezwer n tiyri« a »

Md :

Yiwel → Ayiwel

Siwel → Asiwel

⁴¹-SADAQ Bendali ,*awfus amaynut n tutlayt tamaziyt* ,Edition HCA , 2007(78),p 71.

⁴²-IMARAZEN Moussa ,*Awfus n tjerrumt n taqbaylit* , Edition Alamel ,2016(77), p 37.

Tamawt : yettili-d s usezwer n (a) yer tazwara mebla ma ibeddal kra deg-s .

2.Asezwer n tiyri « u »

Md:

ssu →ussu

Zzu →uzzu

3.Asezwer n « a » d udfir n « u »

Md :

Mud →amuddu

Bud → abuddu

Sud → asudu

Tamawt : tella-d tuddsa deg sin yemyagen-a (Mud,Bud)

4. Asezwer n «a » d udfir n «i»

Md : Xiḍ → axiḍi

Qis → aqisi

ḍill → aḍilli

5.Asezwer n « ta » d udfir n « i »

zzal → tazzalit

nam → tanamit / tanumi

ggal → taggalit

6.Asezwer n « ta » d udfir n « i » d tamlellit n tiyri

Md :

Gen → taguni

Ter → tayuri

tamawt tamlellit n tiyri (e) yuyel d (u)

7. Asezwer n « tu » d udfir n « a »

Md :

Ffer → tuffra

Qqen → tuqqna

Cced → tuccda

8. Asuddem s tussda n tergalt tis 02

Md :

Kru → kerru

Knu → kennu

Bru → berru

9. Asezwer n « a » d udfir n « y »

Md :

Rwi → arway

Zwi → azway

Bri → abray

b.Isem n umigaw

Yemmal-d win ixedmen tigawt , yettili-d s talyiwin-a

1.Asezwer « am / im »

Md :

Zdey → amzdey

Dawi → amdawi

Inig → iminig

2. Asezwer n « am / an » d ubeddal n teyra

Md :

Sleb → ameslub

Lmed → anelmad

Nger → amengur

Tamawt : yella-d ubeddal n teyra d axel « e → u , e → a »

c. Isem n wallal

Yemmal-d tayawsa s wayes tedra tigawt , yettili-d s talyiwin-a

1. Asezwer « n » a d « am » d ubeddal n teyra

Md:

Qerdec → aqerdac

Ddez → ameddaz

2. Asezwer n « as » d « is »

Md :

Agem → asagem

Qqes → isiqqes

3. S tmerna n « t »

Md :

Ixef mezwaru Akater n tezri: tasnalya-tasnamka d tasnawalt

Sizdeg → timsizdegt

Qqes → tisiqest

Mced → timcedt

d.Isem akman

Ter **Imarazen Moussa** : « tikwal , tettili talya n yisem n tigawt am yisem akman , maca nezmer ad naf talya-s temgarad yef yisem n tigawt , deg tama-nniđen , d imexda yisemawen akman yettilin d untiyen .⁴³ »

Amyag	Isem n tigawt	Isem akman
Aru	Tira	Tira
Wwet	Tiyita	Tiyita
Gzem	Agzzum	Tigezmi
Qqers	Aseyres	Tiyersi

c.Asuddem awsilan

D asuddem n tmerna n yiwsilen ,gar iwsilan-a imyagen,tinzeγ,imerna,yezmer ad yili yer tazwara ney yer taggara.

Imedyaten:

tasen+azger →Azgerkud/tasnilest

ar → arbadu/armeskil

azger → azermezruy/azerawşil

am → amezruy(mi ara yuγel yer umyag zri yuγel yer umezruy)

wer/ter → werğin,wertit ,awergamay(agemmay)

ter → tertusna(ad tarred iman-ik ur tessined ara)

man(yettili d adfir) → agucrman,aferkman

ayed→ ayedzar

⁴³-IMARAZEN Moussa ,*Awfus n tjerrumt n taqbaylit*,Edition Alamel ,2016(77) , p 42.

aḍfer → aḍferwal

2. Asuddes

D asdukkel n snat n tayyunin timawalanin s tayyunt tajerrument , d ayeṅ yezmer mebla tayyunt tajerrument .

Asuddes : « d abrid yemgaraden yeḥ usuddem , imi asuddes-a d asdukkel gar sin n yimawalen , iwakken ad d-nefk awal d ajdid s unamek d ajdid

Md: « tameyra n wuccen , amagraman , lemleḥ , ufus ... »

Ma yella yer **J-Dubois** : « Tuddsa d asileḥ n yiwent n tayyunt tasnemkant s yiferdisen imawalanen i zemren ad illin d ilellyen deg tutlayt , yeḥ waya s umata asuddes d tanmegla n usuddem .⁴⁴ »

1. Leṣnaf n usuddes

Di tmaziḥt llant sin (02) n tamyiwin ney leṣnaf n usuddes

a. Asuddes aduklan

b. Asuddes asduklan

a. Asuddes aduklan

D asdukel n snat (02) n tayyunin timawalanin mebla aferdis ajerruman .

Ihi asileḥ n usuddes aduklan yettili-d akka

1. Isem + Isem

Md :

Asyersif → asyer + asif

Iyezdis → iyes + idis

Tiferzizwit → tiferret + tizizwit

⁴⁴ -JEAN.DUBOIS, *Le dictionnaire de linguistique et des science du langage*, Edition L'arousse, paris, 2012(514) , p106.

« par composition on désigne la formation d'une unité sémantique à partir d'éléments lexicaux .Suxeptibles d'avoir eux même une autonomie dans la langue, a se titre la composition est une généralement opposé la derivation ».

2. Isem + amyag

Md :

Ifireeqes → ifirey + qqes

Ibiqes → ibi (w) + qqes

3. Amyag + Isem

Md:

Mageritj → mager + itij

Cufmejjir → cuf + mejjir

Meččadfel → mečč + adfel

4. Isem + Tanzeyt + isem

Md :

Ilmendis → ilem + n + idis

5. Isem + arbib

Md :

Tawla tameqqrent / Iyzer ameqqran .

6. Isem + amernu

Md :

Taddart wadda.

b. Asuddes asduklan

D asdukel n snat n tayyunin timawalanin tferqi-tent tayyunt tajerrumant

Imarazen Moussasb 34/35 yur-s asuddes asduklan yettili akka

Imedyaten :

Ixef mezwaru Akater n tezri: tasnalya-tasnamka d tasnawalt

/	Yettwanteq
Awtul n lexla	Awtul n llexla
Adrar n wafud	Adrar n bbafud
Tislit n unzar	Tislit n bbenzar
Tameyra n wuccen	Tameyra n bbuccen

3.3. Arettal

D awal-nni ara d-nawi yezmer seg yiwet n tutlayt ney s tiyed (d axel n tutlayt , berra n tutlayt)

J.Doubois yesbadut-id: « yettili-d urettal asmi ara ad yemmaslay umsiwel i yettmeslayen (A)yesseqdac kra n wawalen n tutlayt(B)ma yehsa ney tayyurin tsnalsanin n tutlayt(A).⁴⁵ »

Ma yella yer **Idir azeddine** deg usegzawal amezzyan n tesnilest n tmaziyt : « yettili urettal asnilsan mi ara tili tutlayt (A) tessemras tayyunt ney tulumist n tayyunt i yellan deg tutlayt (B) , ideg tutlayt (A) ur tessei ara tayyunt-ni ney tulumist n tayyunt-nni i d-tredled.⁴⁶ »

Imarazen Moussa yessismel arettal yef kraḍ n taggayin

1.Taggayin n urettal

1. Irettalen yettwasmuzyen

Wigi d ismawen i ikecmen deg tutlayt , ttfen akk leqwaleb-is am seg tama n temsislit ama deg talya , ulac deg-sen ayen i ten-yessemgarden yef yismawen i yellan d ineşliyen di tmaziyt :

Md : aynim , akamyun , takrnit , taḥanut .

Kra n yirettalen kecmen akken iwata deg tutlayt d leqwaleb-is almi yeweer mlih ad asen-ifaq yiwen , atas n wiḍ nettamen ara belli kkan-d seg tutlayin tijentaḍin.

Anager tazrewt n userwes tsnalsit i izemren ad ten-id tessbeggen i yecban , dya irettalen n tutlayt tafiniqit .

⁴⁵ -JEAN DUBOIS , le dictionnaire de linguistique des sciences de langage ,Edition L'arousse,Paris, 2012(514) ,p 177.

« Il ya un emprunt linguistique quand un parler A utilise et fini par integrer une unite ou un trait linguistique que existait precedemment dans un parler (B) dit langue source et que (A). »

⁴⁶ -IDIR Azeddine ,asegzawal amezzyan n tesnilest n tmaziyt ,Edition Berri, Bejaia ,2020(78)P 31.

2. Iretalen i ikecmen s uzgen deg tutlayt

Iretalen-a tezrar-iten tutlayt n tmaziyt deg wayen yerzen asenteq-nsen , maca talya-nsen teqqim kan akken tella deg tutlayt-nni i seg i d-kan

Md llakul , lqahwa , ttilifun , llabyu , ccetwa

Kra seg wawalen-a , ttfen ula d amqim n tbadut n tutlayt-nsen tanešlit , maca ,imi tamaziyt ur tesēi ara aferdis yessemgaraden gar wayen yellan d abadu d wayen yellan d arbadu , amqim-a n tbadut i d-iddan d yiretalen -a,yettruḥu-as wazal d twwuri-s deg tmaziyt,nrennu-t kan yer uzar ney yer ufeggag n yisem.

3. Iretalen ur nekcim ara deg lqaleb n tutlayt

Iretalen-a , xas kecmen-d yer tmaziyt qqimen kan s talya-nni i si llan deg tutlayt-nsen , ulac abeddel i ten-iḥuzan akken ad kecmen deg tutlayt i ten-id-iredlen

Taggayt-a n yimerḍilen tban-d atas yer tsuta tatrayt i yesseqdacen snat ney ugar n tutlayin deg yiwen n yinaw. Maca drus seg-sen i yellan , yerna ḥuzan kan kra n teginatin kan :

Md télévision , cinéma , journal .

Ad nger kan tamawt belli kra seg yiretalen-a kecmen s lekmal ney s uzgen deg tmaziyt yer tuget n wid i tt-yettmeslayen

Iretalen ur yettwasmuzyen ara , ttfen di talya-nsen tanešlit ur ssinen ara abeddal-agi i yetthazan ismawen inašliyen n tmaziyt: d tawsit ney d amḍan ney d addad .Tilin kan akken llan di tutlayt-nsen tanešlit .Ismawen iretalen yettwasmuzyen,uḡalen am yal isem anešli di tmaziyt:ssnen talyiwin n yismawen yellan d inešliyen ama deg tawsit,ama deg umḍan ama deg waddad.

Amalay	Asuf
Akamyun	Ukamyun
Amalay	Asget
Ikamyunen	Ikamyunen
Unti	Asuf
Takamyunt	Takamyunt
Unti	Asget
Tikamyunin	Tkamyunin

2.Tasnamka

Tasnamka d awal uddis , d tusna izerwen anamek n wawal .

« Tasnamka d yiwen n uħric deg tesnilest , d tusna izerwen anamek n tayyunin timawalanin ama d awal aħerfi , uddis ney tafyirt s umata . »

Gar imusnawen ixedmen yef tasnamka ad d-naf

Fatima Sadiqi : « tasnamka d [.....] aħric n tesnilest i d yelhan s wayen akk icuden yer unamek 01 n wawalen n wudusen ney n tefyar.⁴⁷ »

Ma yella yer **J. Dubois** yenna-d: « neqqar iger asnamkan i yellan deg tayult n unamek , s wawal ney agraw n wawal deg tutlayt .⁴⁸ »

.Assayen isnamkanen

Ad neeređ ad d-naf i yal yiwen tabadut-ines: Timegdiwt,taynisemt,tagetnemka .

Idir Azeddine deg usegzawal amezzyan n tesnilest n tmaziyt : « Tasnamka d irem id-yennulfan deg yiseggasen n 2000 d isem n tayult n tusna i izerwen anamek n tayunin n tutlayt s umata⁴⁹»

2.Iswi n tasnamka

Macci yal anamek yetteeddin s wallal n taywalt seg umdan yer wayeđ d aħric deg tasnamka , acku anamek-a , ilaq ad tesseu kra tewtilin ara d-nebder

- Ilaq ad yeseu izen
- Izen-nni ilaq ad yili s lebyi
- Izen ilaq ad yili gar sin n yemdanen yettmeslayen s yiwet n tutlayt
- Ilaq anamek-nni ad yili s ubriđ n tutlayt .

D ayeen ad d-naf tasnamka teqqan yer usebdeđ n yigren

⁴⁷ -FATIMA Sadiqi ,*grammaire du berbère*,2004(283),p233.

« la semantique est [...]la branche de la linguistique. »

⁴⁸ -JEAN DUBOIS , *le dictionnaire de linguistique des sciences du langage* , Edition l'arousse Paris, 2012(514) ,p 418.

« On appellent champ sèmantique , l'aire couvert dans le domaine de la signification ,par un mot ou par un groupe de mot de la langue. »

⁵⁰-IDIR Azeddine ,*asegzawel amezzyan n tesnilest n tmaziyt* ,Edition Berri, Bejaia, 2020(78) ,p 48.

Ixef mezwaru Akater n tezri: tasnalya-tasnamka d tasnawalt

Md (iger n umawal) i deg ad d-nejmee awalen i yemqaraben deg unamek

Md: (iger n unamek n yiħulfan) , (lehzen , kreh , lferħ , tujma ...)

I ger n yinumek i deg ara tili tagmert n yinumek i yella yiwen n wawal

Md:(Iyil)

ad d-naf d aferdis n tfekka n umdan “Iyil” d tayyunt n lqis i yellan deg teyzi .

1. Timegdiwt

Timegdiwt d yiwen wawal yeean atas n yinumek , maca talya d yiwet

Md :

Ffey → ruħ

Bedd → kerr

Tizurin → ađil

Dayen timegdiwt : « d awal i yellan yiwen n unamek d acu kan ilaq ad ilin deg yiwet n taggayt taseddasent . »

Md :

- Amyag → Amyag Md : yusa-d → yerza-d

Yettreju → yeguni

- Isem → Isem

Md : ibawen → tifejyal

Lebşel → aزالim

2. Taynisemt

D sin n wawalen ney ugar , ttwarun kifkif , ttwasusrun kifkif maca anamek yemgarad

Md azal (1) → azal (2)

Azal (1) anamek-is degzal

Azal (2) Iqima

Md : iyil (1) → iyil(2)

Iyil (1) d tayyunt n Iqis

Iyil (2) tassawent

Ma yella yer **J . Dubois** : « taynisemt , deg umawal , taynisemt d awal yettwasusrun akk i yettwarun am wayed , maca ur yesei anamek am uneggaru .⁵⁰ »

3. Tagetnemka

D awal uddis yebda yef sin :asget:atas

Inumak:lemeani

D yiwen wawal yeesan yiwet n talya maca anamek-is yettbeddil ela hseb usater (seg tafyirt yer tayed).

Ger **Habib-llah Mansuri** yanna-d : « tagetnamka d yiwen n wawal (isem , amyag ney arbib)

ilan atas n yinumak

awal agetnemka yur-s dima anamek amezwaru d yinumak nniđen i wumi nessawel anamek asuddim.⁵¹»

1 .Ismawen igetnamkanen

Md : iyil

Anamek amezwaru : d ahric seg tefka n umdan

Inumek nniđen

- yessaxdem (iyil) akken ad yefru timsal (ddrae)

-yektal (iyil) n l kettan (dakal)

2.Irbiben igetnamkanen

Md: ameqqran

⁵⁰ -JEAN DUBOIS ,*dictionnaire de la linguistique*,Edition L'arousse , Paris, 2012(514) ,p 234.

⁵¹- HABIB Llah Mansuri,adlisfus amezzyan n uselmad n tmawalt tamaziyt deg uswir alemmas ,Edition Bgayet-Lezzayer,2018(166),p36.

Ixef mezwaru Akater n tezri: tasnalya-tasnamka d tasnawalt

Anamek amezwaru : icudd yer temyer n talya (md taddart-agi d tameqqrant).

Inumak nniḍen : tamyer deg leemer (md :d gma-k ameqqran ttayas awal).

3.Imyagen igetnamkanen

Md : Bedd

Anamek amezwaru : ibedd sdat n uxxam

Anamek niḍen : ibedd yef uxxam-is

Imedyaten niḍen yef tagetnamka

* Inumak n umyag « ay »

-Yuy axxam (lbiε)

-Yuy abrid (iruh)

-Yuy tamettut (izwej)

3 .Tasnawalt

D awal uddis yebḍa sef sin (02) tusna + awal .

Ma **Idir Azeddine** deg usegzawal amezzyan n tesnilest n tmaziyt : « Tasnawalt d tayult n tesnilest sdat tayulin-nniḍen , tayawsa n tezrawt n tesnawalt , am wakken i t-id-yemmal yisem-is dawal ...⁵² »

J. Dubois yenna-d « d tazrewt n umawal n tjerrumt n yiwet n tutlayt ,akk d wassayen nniḍen n tutlayt tasnimeslit a ledya taseddast ,d imeskaren inmettiyen ...⁵³ »

1.Awal

D agraw n yisekkilen akked tergalin yesεa sin isem , akked umyag yal awal yesεa aḍar .

MD:

⁵² -IDIR Azeddine , *asegzawel amezzyan n tesnilest n tmaziyt*,Edition Berri ,Bejaia , 2020(78) ,p 46.

⁵³ -JEAN DUBOIS , *le dictionnaire de linguistique et des sciences du langage*,Edition L'arousse ,Paris ,2012(514)

,p
281.

« la lexicologie est l'étude de lexique,du vocabulaire d'une langue,dans ses relation avec les autres composante de langue,phonologique est surtout syntaxique,et avec les facteurs sociaux... »

argaz → argaz-is

Dayen awal yebda yef sin (02)

Awal → azar amawalen
→ asekkim

Ter **J. Dubois** : « awal d aħric seg tesnilest yesea anamek yessudes s yiwen ney uger n yimeslicen .⁵⁴ »

Ma **Idir Azeddine** deg usegzawal amezzyan n tesnilest n tmaziyt : « awal d irem ur yasei amkan deg tesnilest , s umata , awal deg tesnawalt , d tayyunt n tutlayt tamatut , tin i yettuseqdacen yal-ass. Awal yettbeddil uđem n talya-s , yettbeddil d .ayen unamek-is deg wayen i yerzan talya. Awal yezmer ad d-yas s yiwet n talya kkan ...⁵⁵ ».

2. Azar

D agraw n wawalen yella deg yisem ney deg umyag d ayen d agraw n wawalen ineşliyen.

Md: Izemzm

Axxam Xm

Ihi , atas n yimusnilsen i d yemmaslayen yef uzar gar-asen ad d-naf

Kamal nait zerrad yenna-d : « Azar deg tmaziyt d agraw n yisekkilen akked tergalin yesean sin , isem akked d umyag yal awal yesean azar .⁵⁶ »

Md:

Argaz azar-is. \sqrt{rgz}

Ter **Fatima Sadiqi** tesbadu-d : « Azar di tmaziyt yettili-d s tergalin.⁵⁷ »

⁵⁴ -JEAN DUBOIS , *le dictionnaire de linguistique et sciences du langage*, Edition L'arousse, Paris ,2012(514) , p 342.

« le mot est un élément linguistique signification composé d'un ou de plusieurs phonèmes »

⁵⁵ -IDIR Azeddine , *asegzawal amezzyan n tesnilest n tmaziyt*,Edition Berri, Bejaia, 2020(78), p

⁵⁶ -KAMAL NAIT- zerrad ,tajerrumt n tmaziyt tamirent taqbaylit , ENAG – Edition , ALGER 1995,p41.« la racine est constituée de consonnes expriment une notion et la chème permet d'obtenir les noms et les verbe »

Ixef mezwaru Akater n tezri: tasnalya-tasnamka d tasnawalt

Deg usegzawal amezzyan n tesnilest n tmaziyt : « Azar deg tesnilest n tmaziyt s umata , azar d talya d unamek addayen deg kra n twacult n umawal , deg wayen i yerzan talya , yebna uzar s tergalin yef wawal n tuget n yimazzagen n tesnawalt n tmaziyt.⁵⁸ »

2.1 Leşnaf n uzar

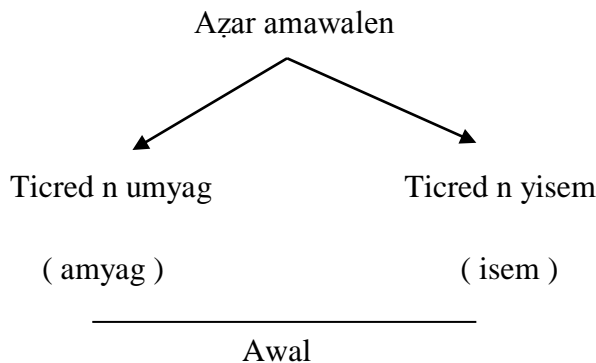
Ihi , azar di tmaziyt yebda yef sin (02)

a. Azar argalen

D agraw n tergalin ur nesei anamek yezdin kra n wawalen n teyra

b. Azar amawalen

D azar yezdin tergalin yellan deg yiwet n twacult tamawalant , yezdi deg talya akkd unamek nezmer ad d-naf deg-s ticrad n umyag ney d tecred n yisem .



2-2. Asiley n uzar

1.Ad nekkes ticred n wunti (t-t) : Md Taxxamt \sqrt{Xm}

2. Ad nekkes ticred tisuddimin Md ffey \rightarrow suffey fy

3.Ad nekkes tiyra Md aru \sqrt{r}

1.Asmeskel amutlay:

Tabadut-is

⁵⁷ -FATIMA Sadiqi ,*grammaire de berbère* , 2004(283) ,p 80.

« en racine berbère sont formées d'une mombres verbale de consonne appelées radicales ».

⁵⁸ -IDIR Azeddine ,*asegzawal amezzyan n tesnilest n tmaziyt* , Edition Berri , Bejaia , 2020(78) , p 63.

Ixef mezwaru Akater n tezri: tasnalɣa-tasnamka d tasnawalt

Ela ḥseb **J.Dubois** yenna-d : «Asmeskel neqqar-as-t i tumant deg usemres n yal-ass , tutlayt warġin deg tallit , deg wadeg , deg ugraw inmetti , tella kif kif-itt akked wakken tella deg tallit nniḍen . Deg wadeg nniḍen , deg ugraw inmetti nniḍen asmeskel azgerkud n tutlayt tefka-d aṭas n yimahilen n tjerrumt tanmezruyt , asmeskel deg tayyunt tefka iswi-ines i trakalt tutlayent tasentala s unamek uzzil n yirem:tasnilesmetti tzarrew asmeskel inmetti.⁵⁹»

2. Iswan n usmeskel amutlay

1.Amawal : Fer **J Dubois**: « deg tasnilest tamatut amawal yettbeggin-d tagruma n tayunin n talya tamawalt , deg tutlayt tasyiwant .⁶⁰ »

2. tutlayt : tutlayt tezmer ad tili d allal umeslay (lhedra) , yezmer umeslay ad yemxalef seg umdan yer wayeḍ maca tutlayt ad tili d yiwet.

3.Ameslay : d allal asnilsan , akken ad nessiweḍ tikiwin (ad yesɛu anamek , yesɛa agsusru uslig (umsil , unmik).

4. Tantala : Fer **S.Chaker** awal tantala « deg usemres n yal-ass antala anamek-is d tismeskelt tanemnaḍt n tutlayt⁶¹. »

Tagrayt

Deg ixef-agi n tezri, nessagza-d s telqayt ayen i nessaqdec n wawalen igejdanen, nesbagen-d ayen i nexdem deg ixef n tezri deg-s nebḍa-t f (Tasnalɣa, Tasnamka, Tasnawalt), deg tasnalɣa nemmaslay-d ɣef (isem , amyag , asuddem , asuddes , areṭṭal ,).Ma yella deg tasnamka newwi-d awal ɣef assayen isnemkanen (timegdiwt , tagetnemka , taynisemt) ,d tasnawalt deg-s nessaqzed ɣef (wawal d uzar d leṣnaf-ines).

⁵⁹-JEAN DUBOIS , *le dictionnaire de linuistique et des scences du langage* Edition L'arousse,Paris, 2012 (514), P. 504.

« On appelle variation les phonèmes par lequel , dans la pratique courante , une langue déterminée n'est jamais a une époque , dans un lieu et dans une groupe sociale donné , identique a ce qu'elle est a une autre époque , dans un autre lieu , dans un autre groupe sociale , la variation diachronique de la langue donne un lieu aux diverstravaux de grammaire historique , la variation dans l'espace fournit son objets a la géographie linguistique et la diactologie au sens courant du terme , la sociolinguistique s'occupe de variation sociale . »

⁶⁰ -JEAN DUBOIS, *le dictionnaire de linguistique et des scences du langage* ,Edition L'arousse,Paris 2012 ,514 P .82.

« comme terme linguistique générale , le mot lexique désigne l'ensemble des unités formant le vocabulaire , la langue d'une communauté . »

⁶¹ Dtukkist seg ukatay Master 2.

IXEF WIS SIN

Tasleđt taslayamkent n wammud n yimyan n tuja

Tazwart

Deg ixef –agi , akken nezra tasleđt tessa azal deg leđdic usnan , syin akkin ad nexdem tasleđt tasnelyamkent n umawal n yimyan i d niwi seg 02 n tamnađin (At leeziz , Imezdurar)

Deg tasleđt –agi ad neđfer tarrayt tamirent ad negg tafelwit deg-s ad d-nebder talya (tawsit ,addad , amđan ..) , akk d unamek n yal imyi d usufey n uđar-is.

Deg tasleđt –agi nessaqdec isegzawalen am usegzawel n Kamal Bouamara , Abdel Malek Meniche ,Mohand Ou Remtane IGHIT .

Syin akkin ad neeređ ad d-nefk kra n tbadutin yef tasleđt tasnelyamkent .

Tasleđt tasnelyamkant:

D awal uddis :tusna +talya + anamek .

D tusna izerwen talya d unamek .

Tabadut-is

D asdukkel n ssin n wawalen ,maca yal awal s unamek-is .

Iwekken ad nexdem tasleđt tasnelyamkent yessefk fell-aney ad nissin anamek d talya n yal imyi .

Deg tfelwit-a ad neeređ ad negg tasleđt deg-s ad d- nefk talya d unamek d twwuri n yal imyi.

-ZzaeterAzar-is : \sqrt{Zetr}

Talya-is :

Tawsit : amalay

Addad : ilelli

Amđan : asuf

Imyi	zaeter				Azar-is		\sqrt{zetr}			
	Tawsit		Addad		Amđan		Asuddes		Asuddem	
Talya	Amalay	Unti	Amaruz	Ilelli	Asuf	Asget	Adukelan	Asdukelan	/	/
		$\sqrt{\quad}$	\emptyset	\emptyset	$\sqrt{\quad}$	$\sqrt{\quad}$	\emptyset	\emptyset	\emptyset	\emptyset
Anamek yer yimsulya	Dimyi i yettili deg lexla (deg udrar) , yettili di tafsut , d tađciat d tameđtuđt inni-is dađcici , yesa rriha leali (yettrihi) yekka-d seg taerabbt azzaeter , maca deg teqbaylit yeddama talya-ines zzeeter.									
Tawwuri	Yelha i weqređ n tæbbut. – Yelha iwin yewwet lqu. – yelha i wul. – yelha iwin yesan leqriđ anda yella şter.									

-CciđAzar-is : \sqrt{ch}

Talya-is

Tawsit : amalay

Addad : (\emptyset)

Amđan : asuf

-Anamek-is deg usagzawel n Kamal Bouamara cciđ : [eccih] :ccih(SM+ML)Şşenf n yimyi n lexla, itett-it lmal, yessarkam-it umdan i tissit.

Assayen isnemkanen :

Timegdiwt : ccih

Taynisemt : (Ø)

Tagetnamka : (Ø)

Imyi	Ccih				Azar-is		\sqrt{ch}			
Talya	Tawsit		Addad		Amđan		Asuddes		Asuddem	
	Amalay	Unti	Amaruz	Ilelli	Asuf	Asget	Adukelan	Asdukelan	/	/
	$\sqrt{\quad}$	Ø	Ø	Ø	$\sqrt{\quad}$	Ø	Ø	Ø	Ø	Ø
Anamek yer yimsulya	D taħciit d tazegzawt , imeqqi-d deg idurar s tuget deg laxla , iferr-is d awray d arqaq , d amectuħ , yekka-d seg taerabt yettili deg yimukan yeħman.									
Tawwuri	Yelha i win yewwet lqu – Yelha i tmeħtut yellan s tadist – Yelha i weqrah n tyebbut – Yelha i win yesean sker.									

-AmezzirAzar-is : \sqrt{mzr}

Talya-is :

Tawsit : (amalay , unti)

Addad : (Ø)

Amđan : (asuf , asget)

Deg usagzawel n kamal Boumara « sb 300 » :mezzir [Amezzir] (umezzir) (SM+ML) Şşenf n yimyi n lexla i seqdacen medden d imesleħ i usizdeg. MD Axxam-is ur as-yezmir ,lğamee yettef-as amezzir.

-Assayen isnemkanen :

Timegdiwt : (Ø)

Taynisemt : (Ø)

Tagetnemka : (Ø)

Imyi	Amezzir				Ažar-is		\sqrt{mzr}			
Talya	Tawsit		Addad		Amđan		Asuddes		asuddem	
	Amalay	Unti	Amaruz	Ilelli	Asuf	Asget	Adukelan	Asdukelan	/	/
	√	√	√	√	√	∅	∅	∅	∅	∅
Anamek yer yimsulya	D imyi i yettili deg lexla , ifr-is d azegzaw d areqaq , yesa rriha yettacabi yer rriha n zeeter									
Tawwuri	Ttdawin s-yes llufan – Yelha i win yesan lahlek n cqiqa – win i wwet unehri									

-MerruyetAžar-is : \sqrt{mryt}

-Talya-is :

Tawsit : amalay

Addad : (∅)

Amđan : (asuf, asget)

Deg usegzawel n Kamal Bouamara ,sb296 : Ššenf n yimyan n lexla i seqdacen medden i ddwa.

MD : yeqreḥ-ik uqerruy-ik cudd-as merruyet.

Imyi	Merruyet				Ažar-is		\sqrt{mryt}			
Talya	Tawsit		Addad		Amđan		Asuddes		asuddem	
	Amalay	Unti	Amaruz	Ilelli	Asuf	Asget	Adukelan	Asdukelan	/	/
	√	∅	∅	∅	√	√	∅	∅	∅	∅
Anamek yer yimsulya	D taḥcict tettli deg laxla , tesa ifer d azegzaw , d ahrawan , tettli d tarzgent									
Tawwuri	Telha i win i helkan aqerru – telha i win isan šer – telha ilqu – telha i win i helkan ađu – Seđasen s-yes llufan.									

-FleguAžar-is : \sqrt{flg}

-Talya-is :

Tawsit : (amalay – unti)

Addad : (\emptyset)

Amđan : (asuf – asget)

-Assayen isnemkanen :

Taynisemt: (\emptyset)Tagetnemka : (\emptyset)

Imyi	Flegu				Ažar-is		\sqrt{flg}			
Talya	Tawsit		Addad		Amđan		Asuddes		asuddem	
	Amalay	Unti	Amaruz	Ilelli	Asuf	Asget	Adukelan	Asdukelan		
	\sqrt	\sqrt	\emptyset	\emptyset	\sqrt	\emptyset	\emptyset	\emptyset		fel/lgu
Anamek yer yimsulya	D tađcict i yettilin deg yimukan anda llan waman , iferrawen-is d imecđahyesea rriha d leal-itt d awal aređđal yekka-d s tafransist dayen talatinit yettekenzi yer neenee.									
Tawwuri	Yelha i wađu – ad d-med iferrawen-is ad tedweđ akken ur t eegud ara.									

-AzirAžar-is : \sqrt{zr}

-Talya-is :

Tawsit : amalay

Addad: (\emptyset)

Amđan : asuf

Assayen isnemkanen :

Timegdiwt : (\emptyset)

Taynisemt : (\emptyset)

Tagetnemka : (\emptyset)

Imyi	Azir				Azar-is		\sqrt{zr}			
Talya	Tawsit		Addad		Amđan		Asuddes		asuddem	
	Amalay	Unti	Amaruz	Ilelli	Asuf	Asget	Adukelan	Asdukelan	/	/
	$\sqrt{\quad}$	\emptyset	\emptyset	\emptyset	$\sqrt{\quad}$	\emptyset	\emptyset	\emptyset	\emptyset	\emptyset
Anamek yer yimsulya	Yettili di laxla iferr-is dazegzaw									
Tawwuri	Yelha i wejyed ameqqran.									

-Awermi

Azar-is : \sqrt{wrm}

-Taly-is :

Tawsit : (amalay – unti)

Addad: (\emptyset)

Amđan: (asuf – asget)

-Assayen isnemkanen :

Timegdiwt : (\emptyset)

Taynisemt : (\emptyset)

Tagetnemka : (\emptyset)

Imyi	Awermi				Ażar-is		\sqrt{wrm}			
Talya	Tawsit		Addad		Amđan		Asuddes		asuddem	
	Amalay	Unti	Amaruz	Ilelli	Asuf	Asget	Adukelan	Asdukelan	/	/
	√	√	√	∅	√	√	∅	∅	∅	∅
Anamek yer yimsulya	D yiwet n taħciť tettiľi deg lexla iferr-is damallal									
Tawwuri	Yelha i timit n llufan akken ad teqqar ad d-yľi – yelha ufunzer – yelha ad txemmad deg temmant ad teččed.									

-Ilili

Ażar-is : \sqrt{ul}

-Talya-is :

Tawsit : (amalay – unti)

Addad : amaruz

Amđan : (asuf – asget)

-Deg usegzawel n Kamal Bouamara ,sb261 :lili [ilili] (SM+ML)Şşenf n tejra yettamcabi tidekt i tteg ijeğğigen yelhan maca rżagitam qadren .

MD : Tecbiđ ttejra n yilili ,lwerd-is yecbeħ,ma d ul-is yeqseħ.

MD n yimsulya :rżeg am ilili

-Assayen isnemkanen :

Timgdiwt: (∅)

Taynisemt : yezmer ad d-nini d isem n tigawt

Tagetnemka:(∅)

Imyi	Ilili				Azar-is		\sqrt{ll}			
	Tawsit		Addad		Amđan		Asuddes		asuddem	
Talya	Amalay	Unti	Amaruz	Ilelli	Asuf	Asget	Adukelan	Asdukelan	/	/
		$\sqrt{\quad}$	$\sqrt{\quad}$	$\sqrt{\quad}$	\emptyset	$\sqrt{\quad}$	$\sqrt{\quad}$	\emptyset	\emptyset	\emptyset
Anamek yer yimsulya	Yettili s tugert deg yiseffen , iferr-is d arqaq , yesea tijeđđigin d tixuxiyin , yettili deg lexla									
Tawwuri	Yelha i cbaħa – ad seyren iferr-is ad t xedmen di yiđden ad t-xedmen d cemma – yelha i ster n uqgeru – yelha ilqu – yelha irumatiz									

-Iferzizwi

Azar-is : $\sqrt{fr}\sqrt{zzw}$

-Talya-is :

Tawsit : (amalay – unti)

Addad : (\emptyset)

Amđan : (\emptyset)

-Deg usegzawel n Kamal Bouamara sb136,2010 yiferzizwi (SM+ML) imyi bu nnwar yesean rriħa n leali ;sexdamen-t meddan akken ad d-ttfen yes-s iglafen n tzizwa .MD Tizizwa gemmrent-d uđđi-nsent seg nnwar ,gar-asen iferzizwi.NT tiferzizwit.SG iferzizwan.

-Assayen isnemkanen :

Timegdiwt : (\emptyset)

Taynisemt : dtbeuct i d-ttaken tament taħurit

Imyi	Iferzizwi				Ažar-is		$\sqrt{fr}\sqrt{zzw}$			
	Tawsit		Addad		Amđan		Asuddes		asuddem	
Talya	Amalay	Unti	Amaruz	Ilelli	Asuf	Asget	Adukelan	Asdukelan	/	/
		√	√	√	√	√	∅	d awal uddi gar sin ismawen isem + isem ifer + tizizwit	∅	∅
Anamek yer yimsulya	D yiwen yimyi yettcabin yer iserrawen n tzizwit d awal anašli deg taqbaylit , semmanas akk imi tizizwa ttezzint f yifer-is iferrawen-is d ihrawanen , yesea rriħa ləall-itt.									
Tawwuri	Yelha icfawa – yelha i win ur neggan ara – yelha i dduxa – yelha i tteerida.									

-Ġart meryem

Dawal uddis (asuddes asduklan)

Ažar-is ($\sqrt{\check{g}r}$, \sqrt{mrym})

Talya : Tawsit : (Amalay)

Addad : (∅)

Amđan : (Asuf)

Assayen isnemkanen : Timegdiwt (∅)

Taynisent : nezmer add-nini d isem n ttmeđtut

Tagetnamka (∅)

Imyi	Ġart meryem				Ażar-is		$\sqrt{\check{g}rmrym} / \sqrt{\check{g}r}\sqrt{mrym}$			
Talya	Tawsit		Addad		Amđan		Asuddes		asuddem	
	Amalay	Unti	Amaruz	Ilelli	Asuf	Asget	Adukelan	Asdukelan	/	/
	$\sqrt{\quad}$	\emptyset	\emptyset	\emptyset	\emptyset	$\sqrt{\quad}$	\emptyset	d awal uddi gart + meryem isem + isem	\emptyset	\emptyset
Anamek yer yimsulya	D yiwetn taħcict tettili deg i dwar ur tettmaččay ara d tayeżfan-t iferrawen-is d izegzawen D awal id yekkan seg taerabt									
Tawwuri	Yelha i lmaeida									

-Taselya

Ażar-is : $\sqrt{sl\check{y}}$

Talya : Tawsit : (Unti)

Addad : (amaruz , Ilelli)

Amđan : (Asuf)

Assayen isnemkanen : Timegdiwt (\emptyset)

Taynisent (\emptyset)

Tagetnamka (\emptyset)

Taselya deg usegzawal n kamal Bouamara page 422 selya (taselya) ssenf n yimyi yelhan i ddwa , serđeb afriwen n tselya aman-nni lhan i ukerciw , lmeedda

Imyi	Taselya				Ažar-is		\sqrt{sly}			
Talya	Tawsit		Addad		Amđan		Asuddes		asuddem	
	Amalay	Unti	Amaruz	Ilelli	Asuf	Asget	Adukelan	Asdukelan	/	/
	∅	√	√	√	√	∅	∅	∅	Awal-agi n tselya yezmer ad yili d asuddem seg yisem aselyay	
Anamek yer yimsulya	D taħcict i yettilin deg lexla , tettili deg tafsut iferrawen-is d imecťah									
Tawwuri	Telha i weqreħ n teebbut – telha i wanęes – telha i waťťan n sker									

-QliluAžar-is : \sqrt{qll}

Talya : Tawsit : (Amalay)

Addad : (∅)

Amđan : (Asuf , Asget)

Assayen isnemkanen : Timegdiwt (∅)

Taynisent (∅)

Tagetnamka (∅)

Anamek-is deg umawal : yer kamal Bouamara : <qlilu> ssenf n yimyi rzagen mliħ , md: ulac
kra rzagen am qlilu , meena ma yuđen yiwen adt-yečč

Imyi	Qlilu				Ažar-is		\sqrt{qll}			
Talya	Tawsit		Addad		Amđan		Asuddes		asuddem	
	Amalay	Unti	Amaruz	Ilelli	Asuf	Asget	Adukelan	asdukelan	/	/
	√	∅	∅	∅	√	√	∅	∅	∅	∅
Anamek yer yimsulya	D yiwet n tađcict tarzagent tettili deg udrar , tettili deg umkan yellannda									
Tawwuri	Yelha i wenqas – yelha i wađđan n sker									

-Latizan

Ažar-is : \sqrt{ltzn}

Talya : Tawsit : (∅)

Addad : (∅)

Amđan : (Asuf)

Assayen isnemkanen : Timegdiwt (∅)

Taynisent (∅)

Tagetnamka (∅)

Imyi	Latizan				Ažar-is		\sqrt{ltzn}			
Talya	Tawsit		Addad		Amđan		Asuddes		asuddem	
	Amalay	Unti	Amaruz	Ilelli	Asuf	Asget	Adukelan	asdukelan	/	/
		√	∅	∅	√	∅	∅	∅	∅	∅
Anamek yer yimsulya	Iferr-is d azegzaw d arqaq yetteli deg tebđirt									
Tawwuri	Yelha i win yewwet wau – telha i wejjeđ ameqqren									

-Tifidas

Azar-is : $\sqrt{f ds}$

Talya : Tawsit : (unti)

Addad : (amaruz)

Amđan : (asget)

Anamek-is deg usegzawal n Kamal Bouamara: řsenf n teđcict yettmeččan itetten-itent lmal dtizegzawin; tetten-tent yimdanen mi ara wwent deg waman

Md: Tađaluct tettwaxdem s tyiyact akked tibitas (sselq).

Assayen isnemkanen : Timegdiwt : Tifides sselq

Taynisent (Ø)

Tagetnamka : tađaluct dtađcict yettmeččan d ssenf n lejwaz

md: yer kamal bouamara tađaluct tettwaxdem s tyiyact akked tibitas.

Imyi	Tifidas				Azar-is		$\sqrt{f ds}$			
Talya	Tawsit		Addad		Amđan		Asuddes		asuddem	
	Amalay	Unti	Amaruz	Ilelli	Asuf	Asget	Adukelan	asdukelan	/	/
	Ø	√	√	Ø	Ø	√	Ø	Ø	Ø	Ø
Anamek yer yimsulya	D tađcict d tamellalt dixel tesa tihentin d tizeggayin , d tilint deg udrar									
Tawwuri	Telha i lfeqea – ad txedmed deg lhenni akken ad ttekkes teedes uqerru									

-Lđelba

Azar-is : $\sqrt{lh lb}$

Talya : Tawsit : (unti)

Addad : (Ø)

Amđan : (Ø)

Assayen isnemkanen : Timegdiwt (Ø)

Taynisent (Ø)

Tagetnamka (Ø)

Imyi	Lħelba				Ađar-is		$\sqrt{lh\bar{lb}}$			
Talya	Tawsit		Addad		Amđan		Asuddes		asuddem	
	Amalay	Unti	Amaruz	Ilelli	Asuf	Asget	Adukelan	asdukelan	/	/
	Ø	√	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø
Anamek yer yimsulya	D yiwen n yimyi yettilin deg udrar , iferrawen-is d iyezfanen tettak-d tieggayin d timectah									
Tawwuri	Telha ilfeqea – telha i wdawi n siwriy - telha ad texdmed deg temmant ad tecceđ ad tseħluđ									

- LeħbaqAđar-is : $\sqrt{lh\bar{bq}}$

Talya : Tawsit : (amalay)

Addad : (Ø)

Amđan : (asuf)

Assayen isnemkanen : Timegdiwt (Ø)

Taynisent (Ø)

Tagetnamka (Ø)

Anamek deg usegzawal: yer kamal Bouamara sb 246 : leħbeq d šsenf n leħcic yesean rriħa n leali yetteg ijeđđigen d imellalen

Md : zik tilawin-nney ħemmlent ad gent tiseđwa n leħbaq deg yimezzuyen-nsent ney deg ucekkuħ-nsent , tura ttnawalent-t rennun-t i lmerqa.

Deg usegzawal n tmaziyt n Abdel Malek Meniche 2013 ,sb 286 :Leħbaq d imyi ageldan . Yettmačča d azegzaw ney ggaren-t i useqqi mi qqrib ad yeww; yettak-d tafenda yelhan , irennu tizedt i wučči.Leħbaq iħemmel atas itij , ur yettidir ara di tasmuđi , acku yetteħwiđi ugar n semmus n tseetin n yitij i wass.Yesea asafar mgal rekku , daymi zik ifereunen, seqdacen-t deg waħrez n tfekkiwin n yigelliden-nsen mi ara mmten .ittekkas aejuju .

Imyi	Leħbaq				Ažar-is		\sqrt{lhbaq}			
Talya	Tawsit		Addad		Amđan		Asuddes		asuddem	
	Amalay	Unti	Amaruz	Ilelli	Asuf	Asget	Adukelan	asdukelan	/	/
	√	∅	∅	∅	√	∅	∅	∅	∅	∅
Anamek yer yimsulya	D yiwen n yimyi yettilin deg tabħirt , dazegzaw yesea rriħa yelhan.									
Tawwuri	Yelha i wađu – yelha i lmeedda – yelha i tuzya laeqel – sexdamen-tti wučči.									

- Aderyis

Ažar-is : \sqrt{dryis}

Talya : Tawsit : (amalay)

Addad : (amaruz , Ilelli)

Amđan : (asuf)

Anamek : deg usegzawal n kamal Bouamara (sb110) deryis (ađeryis , ađergis) : imyi ur nettmeččan ara ezuran-is xedmen-ten meddan d sehsu s tmellalin ass umenzu n tefsut.

Assayen isnemkanen : Timegdiwt (∅)

Taynisent (∅)

Tagetnamka : yer kamal bouamara (sb110) ass n udeyis , d ass n

ukeččum n tefsut

Md : deg umenzu n tefsut ulac axxam ur ntett aderyis s tmellalin tuftiyin.

Imyi	Aderyis				Ažar-is		\sqrt{dry}			
Talya	Tawsit		Addad		Amđan		Asuddes		asuddem	
	Amalay	Unti	Amaruz	Ilelli	Asuf	Asget	Adukelan	asdukelan	/	/
	√	∅	√	√	√	∅	∅	∅	∅	∅
Anamek yer yimsulya	D yiwet n taħciet tettili deg lexla dayen deg udrar iferrawen-is d iħciciyen , yettak-d tiğeğğigin d tiwrayen xedmen-t deg umenzu n tafsut d awal anašli n taqbaylit.									
Tawwuri	Telha i wađu – yelha i wdawi n daxel (md:ul,affed,tasa ...) – yelha i lahlak n tgezal									

- Tanyuda

Ažar-is : \sqrt{nyd}

Talya : Tawsit : (unti)

Addad : (∅)

Amđan : (asget)

Assayen isnemkanen : Timegdiwt : tanyuda , tawaktirt

Taynisent (∅)

Tagetnamka (∅)

Imyi	Tanyuda				Ažar-is		\sqrt{nyd}			
Talya	Tawsit		Addad		Amđan		Asuddes		asuddem	
	Amalay	Unti	Amaruz	Ilelli	Asuf	Asget	Adukelan	asdukelan	/	/
	∅	√	∅	∅	∅	√	∅	∅	∅	∅
Anamek yer yimsulya	D yiwen n yimyi laxla i yettakenzin deg iferrawen-is yer wajdin , ajeğğig-ines d amellal , yella wid is yeqqaren tawaktirt									
Tawwuri	Telha i wdawi lagwat									

- AmadayAzar-is : \sqrt{mdy}

Talya : Tawsit : (amalay , unti)

Addad : (amaruz , ilelli)

Amđan : (asuf)

Assayen isnemkanen : Timegdiwt : -amaday , -tidekt , -trama

Taynisent (Ø)

Tagetnamka (Ø)

Imyi	Amađay				Azar-is		\sqrt{mdy}			
Talya	Tawsit		Addad		Amđan		Asuddes		asuddem	
	Amalay	Unti	Amaruz	Ilelli	Asuf	Asget	Adukelan	asdukelan	/	/
	√	√	√	√	√	Ø	Ø	Ø	Ø	Ø
Anamek yer yimsulya	D asklu yettilin deg lexla , yettili deg tezyi n useggas iferrawen-is d imezyanen , yettak-d tidekt d tieeqqayin d timezyanin d tiberkanin ney d tizeggayin									
Tawwuri	Yelha i weqreḥ n uqerru – yelha i weqreḥ n lištuma – yelha dayen i weqreḥ n tæebbut – yelha i rumatiz – aserkam n uaman-is yelha i win yesean tawla									

- AkarmusAzar-is : \sqrt{krms}

Talya : Tawsit : (amalay , unti)

Addad : (amaruz , ilelli)

Amđan : (asuf , asget)

Assayen isnemkanen : Timegdiwt : -akarmus , -iḥder , -ihendi

Taynisent (Ø)

Tagetnamka (Ø)

Yer kamal Bouamara sb238 : kermus , ukermus yiwen seg leşnaf n llfakyat n tmurt n leqbayel d yettaken tiseqqayin i lan isennanen d ieqaqanen

Md : akermus d bu isennanen ama d dihebal-is ama dtiseqqayn-is.

Imyi	Akarmus				Ażar-is		\sqrt{krms}			
Talya	Tawsit		Addad		Amđan		Asuddes		asuddem	
	Amalay	Unti	Amaruz	Ilelli	Asuf	Asget	Adukelan	asdukelan	/	/
	√	√	√	√	√	√	∅	∅	∅	∅
Anamek yer yimsulya	D yimyi n lexla yettili deg teyzi n useggas , yesea imajag d ihercawanen d iyefanen d iħiciyen ccuren d isennanen ixedmed tijeğgigin d tiwrayin									
Tawwuri	Yelha i wuđem – yelha udawi n lahlak n diri – yelha i weqreħ n ueeddis – yelha i rumatiz									

- Inijjel

Ażar-is : \sqrt{njl}

Deg usegzawal n kamal Bouamara, sb330 : nijel – inijel : i/yinijel ssenf dttarma i d-imeqqin deg zegwa yiyezran, inijel ur yelli d ttejra , ixeddem ttrmat am wakken txeddem tidekt

Md : inijel yesea isennanen meena yesea dayen tizwal (tujel) itetten yimdanen.

Talya : Tawsit : (amalay , unti)

Addad : (amaruz , ilelli)

Amđan : (asuf , asget)

Assayen isnemkanen : Timegdiwt : inijjel , - amaday

Taynisent (Ø)

Tagetnamka (Ø)

Imyi	Inijjel				Aẓar-is		$\sqrt{nj\ell}$			
Talya	Tawsit		Addad		Amḍan		Asuddes		asuddem	
	Amalay	Unti	Amaruz	Ilelli	Asuf	Asget	Adukelan	asdukelan	/	/
	√	√	√	√	√	√	∅	∅	∅	∅
Anamek yer yimsulya	D imyi n lexla yella deg udrar , yettili deg teẓzi n useggas iferrawen-is d imezyanen sean isennan yetta-d tinijwal tieeqayin-ines d tiberkanin ur ttubayent ara alma d lexrif									
Tawwuri	Yelha i twermin – yelha i ljerḥ - yelha ijjed ameqqren – lyeḷl-ines telha i lmekla									

– Lebsel n wuccen

Aẓar-is : $\sqrt{lbs\ell} \sqrt{n} \sqrt{wcn}$

Talya : Tawsit : (amalay , unti)

Addad : (ilelli)

Amḍan : (asuf , asget)

Assayen isnemkanen : Timegdiwt (∅)

Taynisent (∅)

Tagetnamka (∅)

Imyi	Lebsel n wuccen				Aẓar-is		$\sqrt{lbs\ell} \sqrt{n} \sqrt{wcn}$			
Talya	Tawsit		Addad		Amḍan		Asuddes		asuddem	
	Amalay	Unti	Amaruz	Ilelli	Asuf	Asget	Adukelan	asdukelan	/	/
	√	√	∅	√	√	√	∅	∅	∅	∅
Anamek yer yimsulya	D imyi n lexla , yettili deg teẓzi n useggas , yettili ddaw n tmurt , iferrawen-is d diyezfanen dizagzawen llan wid isiqqaren tafareent d awal uddis									
Tawwuri	Yelha i tmeṭṭut ur nesei ara darya									

– Amagraman

Ažar-is : \sqrt{mgrmn}

Talya : Tawsit : (amalay)

Addad : (amaruz , ilelli)

Amđan : (asuf)

Anamek-is deg usegzawal yer kamal Bouamara (2010 sb282) magraman (amagraman):

a/umagraman : ššenf n yimyi i d-imeqqin anda llan waman

Md : amagraman deg-s ddwawi: teddzen medden afriwen-is acku aman-is seħlluyen lejruħ ,
teqqnen-t i wamas i uqerru , acku ijebbed-d abeħri seg tfekka n umuđin.

Assayen isnemkanen : Timegdiwt (Ø)

Taynisent (Ø)

Tagetnamka (Ø)

Imyi	Amagraman				Ažar-is		\sqrt{mgrmn}			
Talya	Tawsit		Addad		Amđan		Asuddes		asuddem	
	Amalay	Unti	amaruz	Ilelli	Asuf	Asget	Adukelan	asdukelan	/	/
	√	Ø	√	√	√	Ø	√	Ø	Ø	Ø
Anamek yer yimsulya	D awal uddis mager + aman (amagag + isem) – d yiwet n taħcict i d ttemyayen deg lexla , tettili s tuget anida llan waman , iferrawen-is d irqaqen d izegzawen ixedmed tijeğğigin d tiwrayin									
Tawwuri	Yelha i rumatiz – yelha i wul – yelha i lehlak l maēida									

– Imliles

Ažar-is : \sqrt{mls}

Talya : Tawsit : (amalay)

Ixef wis si Tasleđt taslayamkent n wammud n yimyan n tuja

Addad : (amaruz , ilelli)

Amđan : (asuf)

Assayen isnemkanen : Timegdiwt (Ø)

Taynisent (Ø)

Tagetnamka (Ø)

Imyi	Imliles				Ažar-is		\sqrt{mls}			
Talya	Tawsit		Addad		Amđan		Asuddes		asuddem	
	Amalay	Unti	amaruz	Ilelli	Asuf	Asget	Adukelan	asdukelan	/	/
	√	Ø	√	√	√	Ø	Ø	Ø	Ø	Ø
Anamek yer yimsulya	D aseklu yettili deg tezgi , iferrawen-is ttakenzin yer win n ubellud , tettak-d tiεεqqayin d tizeggaŷin									
Tawwuri	Yelha i win yesean siwriŷ - yelha i win yesean tawla									

– Aberwaq

Ažar-is : \sqrt{brwq}

Talya : Tawsit : (amalay , unti)

Addad : (amaruz , ilelli)

Amđan : (asuf , asget)

Anamek-is deg usegzawal n kamal Bouamara (2010 sb48) : bewaq – (aberwaq) ; a/uberwaq : šsenf n leħcic n lexla o d imeqqin deg yigran gar tliša (tilas) mi ara yeqqar yifer-is ttaken-t medden d leelef i lmal.

Assayen isnemkanen : Timegdiwt (Ø)

Taynisent (Ø)

Tagetnamka (Ø)

Imyi	Aberwaq				Ażar-is		\sqrt{brwq}			
Talya	Tawsit		Addad		Amđan		Asuddes		asuddem	
	Amalay	Unti	amaruz	Ilelli	Asuf	Asget	Adukelan	asdukelan	/	/
	√	√	√	√	√	√	∅	∅	∅	∅
Anamek yer yimsulya	d imyi n lexla yettili deg yigran iferrawen-is d iħciciyen d ihrawanen yettak-d aeqaq deg lemmast									
Tawwuri	Yelha i weqreħ umezzuy - yelha i weqreħ n tuymas									

– **Nneenee**

Ażar-is : \sqrt{nene}

Talya : Tawsit : (amalay)

Addad : (ilelli)

Amđan : (asuf , asget)

Anamek-is deg usegzawal n kamal Bouamara (sb335) : řřenf n yimyi n twacult n leħbeq , yesea rriħa yelhan rnu serkamen-t medden deg waman i ddusa , ney rennin-t i latay

Md : wid yessnen ad swen latay , rennun-as nneenee , ižuran n ttils , ifelfel aberkan.

Assayen isnemkanen : Timegdiwt (∅)

Taynisent (∅)

Tagetnamka (∅)

Imyi	Nneenee				Ażar-is		\sqrt{nene}			
Talya	Tawsit		Addad		Amđan		Asuddes		asuddem	
	Amalay	Unti	amaruz	Ilelli	Asuf	Asget	Adukelan	asdukelan	/	/
	√	∅	∅	√	√	√	∅	∅	∅	∅
Anamek yer	D awal arettal seg taerabt , d imyi i ttezzun deg uxxam , iferrawen-is d ihrawanen d imezyanen d iħciciyen yettakenzi yer iferzizwi , yesea rriħa d lealitt yetthemmil aman ,									

yimsulya	sexdamen-tt i Imakla
Tawwuri	Yelha i weqreḥ n uæddid – yelha u tuzya n leeqel – yelha i weqreḥ n uqerru – yelha i cqiqa

– **Fijel**

Azar-is : \sqrt{fjl}

Talya : Tawsit : (amalay)

Addad : (ilelli)

Amđan : (asuf)

Assayen isnemkanen : Timegdiwt (Ø)

Taynisent (Ø)

Tagetnamka (Ø)

Imyi	Fijel				Azar-is		\sqrt{fjl}			
	Tawsit		Addad		Amđan		Asuddes		asuddem	
Talya	Amalay	Unti	amaruz	Ilelli	Asuf	Asget	Adukelan	asdukelan	/	/
	√	Ø	Ø	√	√	Ø	Ø	Ø	Ø	Ø
	D imyi i ttezzun deg uxxam , iferrawen-is d iyezfanen , yettak-d tijeġġigin d tiwrayin									
Anamek yer yimsulya										
Tawwuri	Yelha i weqreḥ n uæddid									

– **Kalitus**

Azar-is : \sqrt{klts}

Talya : Tawsit : (amalay , unti)

Addad : (amaruz , ilelli)

Amđan : (asuf , asget)

Anamek-is deg usegzawal n kamal Bouamara (2010 , sb 218) : < sşenf n useklu (ttejra)
yezzifen nezzeh i d-yettakken asyar i seqlacen yineğğaren deg tenserma.

Md : abriđ-a ččan-t waman , tečča-t tuccent , dya yal aseggas yettsix , yettrib , yettwayay , seg wasni i as-nezza kalitus, seg yimir dayen ifukk fell-as ssix d rriba.

Assayen isnemkanen : Timegdiwt (Ø)

Taynisent (Ø)

Tagetnamka (Ø)

Imyi	Kalitus				Azar-is		\sqrt{klts}			
Talya	Tawsit		Addad		Amđan		Asuddes		asuddem	
	Amalay	Unti	amaruz	Ilelli	Asuf	Asget	Adukelan	asdukelan	/	/
	√	√	√	√	√	√	Ø	Ø	Ø	Ø
Anamek yer yimsulya	D asekl i yettilin deg tezgi , iferrawen-is d iyezfanen d iħiciyen , yesæa tieeqqayin dtimecťeh									
Tawwuri	Yelha i wađu – yelha i wancaw n ucebbub – yelha i rumatiz									

– Lebşel

Azar-is : $\sqrt{lbşl}$

Talya : Tawsit : (amalay , unti)

Addad : (ilelli)

Amđan : (asuf , asget)

Anamek-is deg usegzawal n kamal Bouamara (2010 , sb 58) : bselt (tibşelt) : ti/tebselt : sşenf n lxedra yettmeččan dtazegzawt ney tewwa (deg waman , deg zzit) , deg leswaq lebşel yettnuz diseelaq ney ukilu.

Md : yčča lebsel (azegzaw), ifuħ yimi-s

Ma yella deg usegzawal n tfellaht n teqbaylit, n Mohand Ou Remtane IGHIT (2009-2011,sb142):

SM.ML.GRW.

TAUIIWL:Lxedma nwakal.

MGDWL: /

BDT :Ssenf n lxedra,Lyella-as tettit ddaw lqaea tettmčay d tazegzawet ne mi ara teww.

TTL : yella lebšel abeeli,yella lebšel n waman,abeel ur yuhwaj ad t-teswed.

Assayen isnemkanen : Timegdiwt : lebšel , aزالim

Taynisent (Ø)

Tagetnamka (Ø)

Imyi	Lebšel				Azar-is		$\sqrt{lb\dot{s}l}$			
Talya	Tawsit		Addad		Amđan		Asuddes		asuddem	
	Amalay	Unti	amaruz	llelli	Asuf	Asget	Adukelan	asdukelan	/	/
	√	√	Ø	√	√	√	Ø	Ø	Ø	Ø
Anamek yer yimsulya	D imyi i ttezzun deg tabhirt , iferrawen-is d ihčiciyen d iyezfanen d awal arettal seg taerabt stmaziyt neqqar-as (aزالin)									
Tawwuri	Yelha i tawla – yelha i wađu									

– Azegđuf

Azar-is : $\sqrt{zgd\dot{f}}$

Talya : Tawsit : (amalay , unti)

Addad : (amaruz)

Amđan : (asuf)

Assayen isnemkanen : Timegdiwt (Ø)

Taynisent (Ø)

Tagetnamka (Ø)

Imyi	Azegduf				Ažar-is		$\sqrt{zgd f}$			
Talya	Tawsit		Addad		Amđan		Asuddes		asuddem	
	Amalay	Unti	amaruz	Ilelli	Asuf	Asget	Adukelan	asdukelan	/	/
	√	√	√	√	√	Ø	Ø	Ø	Ø	Ø
Anamek yer yimsulya	D imyi yettilin deg lexla yasea ifer d ađcici d amezyan , itteqqes mi ara t-yessami umđan									
Tawwuri	Yelha i wancaw n ucebub – yelha i tuymas									

– Aşefşaf

Ažar-is : $\sqrt{s f}$

Talya : Tawsit : (amalay , unti)

Addad : (amaruz , ilelli)

Amđan : (asuf , asget)

Assayen isnemkanen : Timegdiwt (Ø)

Taynisent (Ø)

Tagetnamka (Ø)

Imyi	Aşefşaf				Ažar-is		$\sqrt{s f}$			
Talya	Tawsit		Addad		Amđan		Asuddes		asuddem	
	Amalay	Unti	amaruz	Ilelli	Asuf	Asget	Adukelan	asdukelan	/	/
	√	√	√	√	√	√	Ø	Ø	Ø	Ø
Anamek yer yimsulya	D aseklı yettili deg lexla , lfel-is d lıal-itt d awal aređđal seg taerabt									

Tawwuri	Yelha i wancaw n ucebub – yelha i buneggaf
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– Axarrub

Azar-is : \sqrt{xrb}

Talya : Tawsit : (amalay , unti)

Addad : (amaruz , ilelli)

Amḍan : (asuf , asget)

Anamek-is deg usegzawal n kamal bouamara (sb 520) :

-xerrub (axerrub) : a/uxerrub , tixerrubin , md: ma yurew uxerrub ad tiqsiḥ tegrest , akka i d-qqaren at zik

-Adrum , md: mi ara d fernen imeqqranen n taddart yal axerrub ad d-yazen tḥamen ara d-yedhun s lecyal-nsen.

Assayen isnemkanen : Timegdiwt (Ø)

Taynisent (Ø)

Tagetnamka (Ø)

Imyi	Axarrub				Azar-is		\sqrt{xrb}			
Talya	Tawsit		Addad		Amḍan		Asuddes		asuddem	
	Amalay	Unti	amaruz	Ilelli	Asuf	Asget	Adukelan	asdukelan	/	/
	√	√	√	√	√	√	Ø	Ø	Ø	Ø
Anamek yer yimsulya	<p>Nezmer add-nini awal (axarrub) yekka-d seg umyag (xreb) (amyag n tigawt)</p> <p>D asekluyesea iferr d aḥcayci , yesea lḡedra d tameqqrent , yettak-d kra n txeddacin d tiqehwiyyin</p>									
Tawwuri	Yelha i win ihelken taebbub-is – yelha i lmekla									

– Ckenturat

Ažar-is : \sqrt{ckntrt}

Talya : Tawsit : (unti)

Addad : (ilelli)

Amđan : (asuf)

Assayen isnemkanen : Timegdiwt (\emptyset)Taynisent (\emptyset)Tagetnamka (\emptyset)

Imyi	Ckenturat				Ažar-is		\sqrt{ckntrt}			
Talya	Tawsit		Addad		Amđan		Asuddes		asuddem	
	Amalay	Unti	amaruz	Ilelli	Asuf	Asget	Adukelan	asdukelan	/	/
	\emptyset	\checkmark	\emptyset	\checkmark	\checkmark	\emptyset	\emptyset	\emptyset	\emptyset	\emptyset
Anamek yer yimsulya	D taħciwt d tazegzawt tettili s umata deg udrar									
Tawwuri	Yelha i win i helken lanimi									

– Azemmur

Ažar-is : \sqrt{zmr}

Talya : Tawsit : (amalay , unti)

Addad : (amaruz , ilelli)

Amđan : (asuf , asget)

Anamek-is deg usegzawal yer kamal Bouamara (sb 541) :

-azemmur (azemmur) a/uzemmur šsenf n lfakya id-yettaken zzit.

Md: azemmur yettemžad deg lemeesra tisirt.

Assayen isnemkanen : Timegdiwt (\emptyset)

Taynisent (Ø)

Tagetnamka (Ø)

Imyi	Azemmur				Ažar-is		\sqrt{zmr}			
Talya	Tawsit		Addad		Amđan		Asuddes		asuddem	
	Amalay	Unti	Amaruz	Ilelli	Asuf	Asget	Adukelan	asdukelan	/	/
	√	√	√	√	√	√	Ø	Ø	Ø	Ø
Anamek yer yimsulya	D aseklı id yettakken aeqqa n uzemmur d azegzaw yettuyl d aberkan , yettak-d zzit									
Tawwuri	Yelha i wcabub – zzit-is telha i win yewwat wađu – zzit-is telha i tusut – zzit-is telha d altef anda yella řter									

– Agusim / Ijuz

Ažar-is : \sqrt{gsm}

Talya : Tawsit : (amalay , unti)

Addad : (amaruz , ilelli)

Amđan : (Ø)

Anamek-is deg usegzawal yer kamal Bouamara (sb 169) :

-agusim (agusim) a/ugusim :

1) aseklı id-yettağğen lğuz. Md : at zik qqaren ma ur yuriw ara ugusim,ad tiqsiř tegrest n useggas-nni

2) iqecran n yizuran n tğuzet (tagusimt). Md : agusim seqdacent-t tlawin o ureyyes ney cbaħa mi ara t-

ffzent aman-nni ad d-ayen uđlan-nsent , ad rnunt ad tħukkent

Ma yella deg usegzawal n tefellaħat n teqbaylit,n Mohand Ou Remtane IGHIT(2009-2011),Sb

SM.MI .GRW.

TALULT:Lfkayt-nniđen.

MEGDWL: /

BDT :Ssenf n lfakya ilmec-is d aquran.

TTL: D Lğuzv i ufayen yef lğuz.

Assayen isnemkanen : Timegdiwt : agusim , ljuz.

Taynisent (Ø)

Tagetnamka (Ø)

Imyi	Agusim				Ażar-is		\sqrt{gsm}			
Talya	Tawsit		Addad		Amđan		Asuddes		asuddem	
	Amalay	Unti	Amaruz	Ilelli	Asuf	Asget	Adukelan	asdukelan	/	/
	√	√	√	√	√	Ø	Ø	Ø	Ø	Ø
Anamek yer yimsulya	D aseklun ttezzunt deg tebħirt yettili deg lawan n tafsut sekn-tt-id seg izuren n tujjett (tejra n ljuz) inni-ines d aqahwi									
Tawwuri	Xedmen-t cbaħa i yimi – yelha i wanay n wwgran – yelha i timmas									

– Ticcirt / Tiskar

Ażar-is : \sqrt{cr}

Talya : Tawsit : (unti)

Addad : (Ø)

Amđan : (Ø)

Assayen isnemkanen : Timegdiwt : ticcirt , tiskar.

Taynisent (Ø)

Tagetnamka (Ø)

Imyi	Ticcerc				Ažar-is		\sqrt{cr}			
Talya	Tawsit		Addad		Amđan		Asuddes		asuddem	
	Amalay	Unti	Amaruz	Ilelli	Asuf	Asget	Adukelan	asdukelan	/	/
	Ø	√	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø
Anamek yer yimsulya	D imyi i ttezzun deg tebħirt , tesca iferrawen d irqqaqen d ihrawanen d izegzawen tattak-d tiħebtin d timeqranin cwiya									
Tawwuri	Telha i wađu – telha i lutunsyu – talha i weqreħ n tuymas – telha i win yencaw ucebub									

– Lkurat

Ažar-is : \sqrt{lkr}

Talya : Tawsit : (unti)

Addad : (Ø)

Amđan : (asget)

Assayen isnemkanen : Timegdiwt (Ø)

Taynisent (Ø)

Tagetnamka (Ø)

Imyi	lkurat				Ažar-is		\sqrt{lkr}			
Talya	Tawsit		Addad		Amđan		Asuddes		asuddem	
	Amalay	Unti	Amaruz	Ilelli	Asuf	Asget	Adukelan	asdukelan	/	/
	Ø	√	Ø	Ø	Ø	√	Ø	Ø	Ø	Ø
Anamek yer yimsulya	D imyi n lexla yettili deg lawan n tafsut tettaknzi yer ticcerc maca lħebb-is d amezyen									
Tawwuri	Telha i lanimi									

– Lqares

Azar-is : \sqrt{lqrs}

Talya : Tawsit : (amalay , unti)

Addad : (ilelli)

Amđan : (asuf , asget)

Anamek-is deg usegzawal yer kamal Bouamara (sb 271) :

-agusim (agusim) a/ugusim :

şsenf n lfekya id-yettakken tieqqayin am tid nččina , maca dtisemmamin.

Md : yezza ččina yerna lqares

Ma deg usegzawal n tfellaht n teqbaylit, Mohand ou Remtane IGHIT,(2009-2011),Sb 95.

SM.ML.

TAIULT:Lfakyat-nniđen.

MGDWL:/

BDT:yiwen n ssenf n lfkyia ,tieqqayin-is mmalent yer teyređ,d tisemmamin .

TTL:yezizat ttejra n llim yerna tičinet.

Assayen isnemkanen : Timegdiwt : lqares , llim.

Taynisent (Ø)

Tagetnamka (Ø)

Imyi	Lqares				Azar-is		\sqrt{lqrs}			
Talya	Tawsit		Addad		Amđan		Asuddes		asuddem	
	Amalay	Unti	Amaruz	Ilelli	Asuf	Asget	Adukelan	asdukelan	/	/
	√	√	Ø	√	√	√	Ø	Ø	Ø	Ø
Anamek yer	Yesea tiđeđđigin f timellalin yettak-d tizerstin d tiwrayin d tirzaganin tettekanzi yer useklu n ččina									

yimsulya	
Tawwuri	Telha i wađu – telha i wamqas – telha i wqerru – tessafay udem

– **Aḥeccad / Azebbuj**

Azar-is : $\sqrt{ḥcd}$

Talya : Tawsit : (amalay , unti)

Addad : (amaruz , ilelli)

Amđan : (asuf , asget)

Anamek-is deg usegzawal yer kamaL Bouamara (sb 186) : (ḥeccad) u/uḥeccad ṣṣenf b uzemmur ur nettwalqam ara

Md : aḥeccad ttleqqimen-t meddan , ma ur ileqqemara azemmur-ines yr dyettakara zzit yelha.

Ma yella deg usegzawal n tfellaḥt n teqbaylit ,Mohand Ou Remtan IGHIT(2009,2011),Sb91.

SM.ML/SG.

Iḥeccaden.

TAIULT:Lfakyat-nniđ.

MGDWL:Azebbuj.

BDT:Azemmur ur d-nettakk lyella.

TTL/ D aḥeccad i ttleqqimen yettuyel d azemmur.

Assayen isnemkanen : Timegdiwt : aḥeccad , zebbu.

Taynisent (Ø)

Tagetnamka (Ø)

Imyi	Aḥeccad				Azar-is		$\sqrt{ḥcd}$			
Talya	Tawsit		Addad		Amđan		Asuddes		asuddem	
	Amalay	Unti	Amaruz	Ilelli	Asuf	Asget	Adukelan	asdukelan	/	/
	√	√	√	√	√	√	∅	∅	∅	∅

Anamek yer yimsulya	D asekluyettili deg tezgi ifrewn-is d iħciciyen d imezyanen yettak-d aeeqqa d amezzyan d aberkan mi yettwalqam ad yuyal d azemmur
Tawwuri	Yelha i leğgruħ - yelha i tuymas – yelha i buremlal

– Ėmer gazguz

Azar-is : $\sqrt{\epsilon mr} \sqrt{gzgz}$

Talya : Tawsit : (amalay)

Addad : (ilelli)

Amđan : (asuf)

Assayen isnemkanen : Timegdiwt (Ø)

Taynisent (Ø)

Tagetnamka (Ø)

Imyi	emer gazguz				Azar-is		$\sqrt{\epsilon mr} \sqrt{gzgz}$			
Talya	Tawsit		Addad		Amđan		Asuddes		asuddem	
	Amalay	Unti	Amaruz	Ilelli	Asuf	Asget	Adukelan	asdukelan	/	/
	√	Ø	Ø	√	√	Ø	√	Ø	Ø	Ø
Anamek yer yimsulya	D imyi n lexla imeqqid daw n temurt ,Yettak nezi yer tanyud d imedwer,yettil d yall lweqt.									
Tawwuri	Yelha i tmeryiwt – yelha-as cwami									

– Akbal / Afujil

Azar-is : \sqrt{kbl}

Talya : Tawsit : (amalay , unti)

Addad : (amaruz , ilelli)

Amđan :(asuf)

Ixef wis si Tasleđt taslayamkent n wammud n yimyan n tuja

Deg usegzawal n tfellaht n teqbaylit n Mohand Ou Remtane IGHIT, sb 144: SM /ML .

TAFULT : lxedma n wakal

MGDWL : /BDT : yiwen n šsenf n nneema, xedmen-t deg tebhirin , yettiħwiğ aman , tieeqqayin-is d tiwrayin mi ara wwent.

TTL : akbal yettmeččay mi ara yeww (yerkem) deg waman ,yettmeččay d ayeñ d awren.

Deg usegzawal n tmaziyt n Abdel Malek Meniche ,2013 ,sb 317 :akbal d agumma i d –yettak wekbal .Teffka s teyzi , tseəu azal n krađet n tmerwin cm .Tmeyyi-d ddaw n yifer , tgemmu d assawen yer tama n weeqquq.

Assayen isnemkanen : Timegdiwt : akbal , afujil.

Taynisent (Ø)

Tagetnamka (Ø)

Imyi	Akbal				Ažar-is		\sqrt{kbl}			
Talya	Tawsit		Addad		Amđan		Asuddes		asuddem	
	Amalay	Unti	Amaruz	Ilelli	Asuf	Asget	Adukelan	asdukelan	/	/
	√	√	√	√	√	Ø	Ø	Ø	Ø	Ø
Anamek yer yimsulya	D ayezfán , yesəa tieeqqayin d tiwrayin , yesəa cbiha yer uyanim kra n yi ferrawen-is ttcabin yer ucebub									
Tawwuri	Yelha i win yesəan izerman mečtuħit ad yalen meqqrán – yelha i seħħa – yelha i lahlak lmeedda									

– Lħenni

Ažar-is : $\sqrt{lhñ}$

Talya : Tawsit : (amalay)

Addad : (Ø)

Amđan : (Ø)

Assayen isnemkanen : Timegdiwt (Ø)

Taynisent (Ø)

Tagetnamka (Ø)

Imyi	Lḥenni				Aẓar-is		\sqrt{lhn}			
Talya	Tawsit		Addad		Amḍan		Asuddes		asuddem	
	Amalay	Unti	Amaruz	Ilelli	Asuf	Asget	Adukelan	asdukelan	/	/
	√	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø
Anamek yer yimsulya	D taḥcict , yesæa iferr-is d azegzaw , iferr-is d taḡḡant ad yeqqar s yin adt-dzen ad yuyel d lḥenni , inni-ines d aqahwi									
Tawwuri	Yelha i win cuffen iderran-is – yelha i ccib akkd win yesæan taedes deg uqerru – yelha i win yesæan tifexsa – yelha i win sean lfedra – yelha i win ttreḥan iderran-is – yelha ad txedmed i timitt n llufan akken atteqqar.									

– Azumbi

Aẓar-is : \sqrt{zmb}

Talya : Tawsit : (amalay , unti)

Addad : (amaruz , alelli)

Amḍan : (asuf , asget)

Assayen isnemkanen : Timegdiwt (Ø)

Taynisent (Ø)

Tagetnamka (Ø)

Imyi	Azumbi				Aẓar-is		\sqrt{zmb}			
Talya	Tawsit		Addad		Amḍan		Asuddes		asuddem	
	Amalay	Unti	Amaruz	Ilelli	Asuf	Asget	Adukelan	asdukelan	/	/
	√	√	√	√	√	√	Ø	Ø	Ø	Ø
Anamek	D aseklou , d ayezfan iferrawen-is d iḥciciyen , yettak-d lyella d tiqehwiyin xedmen-t-d									

yer yimsulya	tieqqayin d tiberkanin ttcabin-t yer sanuj.
Tawwuri	Yelha i win ihelkan tusut – yelha inefsa – azumni im ara yili d azegzaw ad texdem deg tamemant ad tecceḍ yelha i tawla.

– **Azezzu**Azar-is : \sqrt{zz}

Talya : Tawsit : (amalay , unti)

Addad : (amaruz , ilelli)

Amḍan : (asuf , asget)

Anamek-is deg usegzawal yer kamal Bouamara (sb 543) : zezzu (azezzu) : a/uzezzu : šsenf n yimyi du yisennanen id-imeqqin deg umadaḡ, deg tafsut yetteg ijeḡḡigen diwrayen

Md : mi ara tery tezgi , imeqqi-d deg umkan-is uzezzu.

Assayen isnemkanen : Timegdiwt (Ø)

Taynisent (Ø)

Tagetnamka (Ø)

Imyi	Azezzu				Azar-is		\sqrt{zz}			
Talya	Tawsit		Addad		Amḍan		Asuddes		asuddem	
	Amalay	Unti	Amaruz	Ilelli	Asuf	Asget	Adukelan	asdukelan	/	/
	√	√	√	√	√	√	Ø	Ø	Ø	Ø
Anamek yer yimsulya	D imyi yettili deg tezgi yeseaiferrawen-is d izegzawen d imezyanen yesea izeḡḡogen d iwrayen , yesea isennanen									
Tawwuri	Yelha i weeddis – yelha i ljerḥ									

– **Abesbas**Azar-is : \sqrt{bsbs}

Ixef wis si Tasleđt taslayamkent n wammud n yimyan n tujya

Talya : Tawsit : (amalay , unti)

Addad : (amaruz , ilelli)

Amđan : (asuf , asget)

Anamek-is deg usegzawal yer kamal Bouamara (sb 49) : besbas , abesbas , a/ubesbas : řsenf n lxedra yettmeččan am dazegzaw, amyewwa deg teccuget

Md : llan kra ma srřen rriħa n ubesbas deg teccuyet ur tetten ara učči-nni.

Assayen isnemkanen : Timegdiwt (Ø)

Taynisent (Ø)

Tagetnamka (Ø)

Imyi	Abesbas				Ažar-is		\sqrt{bsbs}			
Talya	Tawsit		Addad		Amđan		Asuddes		asuddem	
	Amalay	Unti	Amaruz	Ilelli	Asuf	Asget	Adukelan	asdukelan	/	/
	√	√	√	√	√	√	Ø	Ø	Ø	Ø
Anamek yer yimsulya	D imyi yettili deg tebhirt iferrawen-is d izegzawen yesea izeğğogen d iwrayen									
Tawwuri	Yelha i wallen – yelha i weqrah n ueeddis.									

– Ayanim

Ažar-is : \sqrt{ynm}

Talya : Tawsit : (amalay , unti)

Addad : (amaruz , ilelli)

Amđan : (asuf , asget)

Anamek-is deg usegzawal yer kamal Bouamara : yanim (ayanim) , a/uyanim

řsenf n usyar id-imeqqin anda llan waman

Ixef wis si Tasleđt taslayamkent n wammud n yimyan n tuĵya

md : ayanim yelha i waṭas n leḥwayeĝ , tamezwarut ttzerriben yes-s , tis snant.

Ma yella deg usegzawal n tfellaḥt n teqbaylit, Mohand Ou Remtane IGHIT, (2009-2001), Sb 69

SM .ML ./SG Iynimen, Iyunam.

TAFULT :Tineqlin.

MGDWL : /

BDT : šsenf n yimyi , yettili anda llan waman kan , zetṭen yes-s iqecwalen, iferrugen , ttseqqifen , yes-s..

TTL : yewwi-d ayanim akken ad yezđ iferrugen.

Assayen isnemkanen : Timegdiwt (Ø)

Taynisent (Ø)

Tagetnamka (Ø)

Imyi	Ayanim				Ažar-is		\sqrt{ynm}			
Talya	Tawsit		Addad		Amđan		Asuddes		asuddem	
	Amalay	Unti	Amaruz	Ilelli	Asuf	Asget	Adukelan	asdukelan	/	/
	√	√	√	√	√	√	Ø	Ø	Ø	Ø
Anamek yer yimsulya	D imyi yettili deg lexla iferrawen-is d izegzawen d iḥcicyen d ayezfana mliḥ									
Tawwuri	Yelha i win yettfunzuren – yelha icqıqa									

– Taktunya

Ažar-is : \sqrt{ktny}

Talya : Tawsit : (amalay , unti)

Addad : (amaruz , ilelli)

Amđan : (asuf , asget)

Ixef wis si Tasleđt taslayamkent n wammud n yimyan n tuja

Anamek-is deg usegzawal yer kamal Bouamara (sb 233) : ktuniya (taktuniya), ta/tektuniya

şşenf n lfakya yettcabin tteffaḥ , igumma n taktiniya şşan ccær teqcirt-is

md : mi ara yeşeu yiwen taktuniya deg tejnant-is , trennu-yas-d seg cebaḥa.

Ma yella deg usegzawal tfellaḥt n teqbaylit, Mohand Ou Remtan IGHIT, (2009-2011), Sb 97

SM. NT.

TAFULT: lfekyat –nniđen

MGDWL :/

BDT: yiwet n tewsit n lfakya, tag am tteffaḥ tettewwa taqqara n lexrif, ini-s imal yer tewrey.

TTL: Taktuniya, tettcekkib imi am ur tewwi ara .

Assayen isnemkanen : Timegdiwt : tahtuniya , taktumt (seg usegzawal kamal Bouamara)

Taynisent (Ø)

Tagetnamka (Ø)

Imyi	Taktunia				Azar-is		\sqrt{ktny}			
Talya	Tawsit		Addad		Amđan		Asuddes		asuddem	
	Amalay	Unti	Amaruz	Ilelli	Asuf	Asget	Adukelan	asdukelan	/	/
	√	√	√	√	√	√	Ø	Ø	Ø	Ø
Anamek yer yimsulya	D aseklunettezzutdeg tebḥirt , iferrawen-is d imzyanen tettak-d lyela tecttcabi yer teffaḥ									
Tawwuri	Telha i weqreḥn uşeddıq									

– Aşerşar

Azar-is : \sqrt{erer}

Talya : Tawsit : (amalay)

Addad : (ilelli)

Ixef wis si Tasleđt taslayamkent n wammud n yimyan n tujya

Amđan : (asuf)

Assayen isnemkanen : Timegdiwt : aeerar , zzen , snuber

Taynisent (Ø)

Tagetnamka (Ø)

Imyi	Aeerar				Ažar-is		\sqrt{erer}			
Talya	Tawsit		Addad		Amđan		Asuddes		Asuddem	
	Amalay	Unti	Amaruz	Ilelli	Asuf	Asget	Adukelan	asdukelan	/	/
	√	Ø	Ø	√	√	Ø	Ø	Ø	Ø	Ø
Anamek yer yimsulya	D asekluy yettili deg lexla , iferrawen-isd iħcicyen d irqaqen									
Tawwuri	Yelha i weqraħ n uqarru – yelha i tuymas									

– Abelluđ

Ažar-is : \sqrt{bld}

Talya : Tawsit : (amalay , unti)

Addad : (amaruz , ilelli)

Amđan : (asuf)

Anamek-is deg usegzawal yer kamal Bouamara (sb 43) : belluđ (abelluđ) , (abellut) a/ubelluđ

šsenf n lfakya id-tettağğa tnelluđt (ttejra) abelluđ itett-it lmal, tetten-t yimdanen deg lawan n laz.

Md ; abelluđ imeqqi-d deg yidurar.

Deg usegzawel n tmaziyt n Abdel Malek Meniche, 2013 ,sb 289 SM / ML D aeeqqa n ubelluđ.D agemmu n tkerruct (n tasaft).D ubrin , d ayežfan cwiť iclem-is d aquran , d aqehwi yefkan s tebrek. Yesea tacacit i seg ielleq yer tkerruct.

Assayen isnemkanen : Timegdiwt : abelluđ , iħellad

Taynisent (Ø)

Tagetnamka (Ø)

Imyi	Abelluđ				Ażar-is		\sqrt{blq}			
Talya	Tawsit		Addad		Amđan		Asuddes		Asuddem	
	Amalay	Unti	Amaruz	Ilelli	Asuf	Asget	Adukelan	Asdukelan	/	/
	$\sqrt{\quad}$	$\sqrt{\quad}$	$\sqrt{\quad}$	$\sqrt{\quad}$	$\sqrt{\quad}$	Ø	Ø	Ø	Ø	Ø
Anamek yer yimsulya	D asekluyettili s tuget deg udrar d ameqqren , yettak-d lyella yettily d azegzaw ttuyalen d iqehwiyen									
Tawwuri	Yelha i lmeedda – yelha i ljeħd									

– Ččina

Ażar-is : $\sqrt{\check{c}n}$

Talya : Tawsit : (amalay , unti)

Addad : (Ø)

Amđan : (asuf , asget)

Anamek-is deg usegzawal yer kamal bouamara (sb 96) : řřenf n lfakya ilan iqcer dazegzaw , yettuyalen d awray d azeggay , mi ara teww.

Md : tella ččina tazıđant , tella tasemmamt am lqares

Unti : tačinet (tičintin) : ttejra n ččina ney raeeqqayet n ččina.

Ma yella deg usegzawal n tfellaħt n teqbaylit, Mohand Ou Remtane IGHIT, (2009-2011), Sb 93.

SM..NT.GRW.

TAFULT:lfakya-nniđen.

MEGDW:/

BDT: yiwet n ssenf n lfkya ,mi ara teww taeqqayt-is tettuyal d tawrayt.

TTL: ččina mačči am lqares ,d tazıđant lqares d asemmam.

Assayen isnemkanen : Timegdiwt : ččina lhlu , ččina lqares

Taynisent (Ø)

Tagetnamka (Ø)

Imyi	Ččina				Ažar-is		\sqrt{cn}			
Talya	Tawsit		Addad		Amđan		Asuddes		Asuddem	
	Amalay	Unti	Amaruz	Ilelli	Asuf	Asget	Adukelan	Asdukelan	/	/
	√	√	Ø	Ø	√	√	Ø	Ø	Ø	Ø
Anamek yer yimsulya	D asekluyettilin deg tebħirt , tesa iferrawen-is d izegzawen d imectaħ ttamcabin yer iferrawen latizan inni-ines d aččinawi									
Tawwuri	Telha i win yewwat wađu									

Tagrayt n tesleđt

Ger taggara n yixef n tasleđt negga tasleđt tasnalymkent leqqayen i wawalen id-negner deg wammud (amawal n yimyan n tuja deg snat n tamnađin (At leeziz , Imezdurar).

1)- deg wyen yerzan tasnelya :**a)- awalen iħerfiyen :**

Nufa-d 43 n wawalen iħerfiyen

Nufa-d 18 n wawalen usan-d s talya n wasuf

Nufa-d 3 n wawalen usan-d s talya n usget

Nufa-d 22 n wawalen usan-d s talya n wasuf d usget

Nufa-d 15 n wawalen usan-d s talya n umalay

Nufa-d 7 n wawalen usan-d s talya n unti

Nufa-d 27 n wawalen usan-d s talya n umalay d unti

Nufa-d 9 n wawalen usan-d s talya n uddad d ilelli

Nufa-d 4 n wawalen usan-d s talya n uddad d umaruz

Nufa-d 21 n wawalen usan-d s talya n uddad , ilelli , amaruz

b)- Awalen uddisen :

Nufa-d 05 n wawalen uddisen seg-sen :

Asuddes n wawalen (aduklan , asduklan) nufa-d 02

Asuddem n wawalen nufa-d 03

c)- awalen irettalen :

Nufa-d 06 n wawalen irettalen

Seg taerabt 06 n wawalen

Seg talatinit :/

Seg fransist : /

2. Deg wayen yerzan tasnamka :

Nufa-d 10 n wawalen i yesean timegdiwt

Nufa-d 02 n wawalen i yesean taynisemt

Nufa-d 02 n wawalen i yesean tagetnemka

Taggrayt tamatut

Taggrayt tamatut

Leqdcinney yerza asmeskel amutlay n yimyan n tujya , yellan deg snat n tamnaḍin (At leeziz , Imezdurar) , imi tazrewt-a d tin yesēan tasastent deg wannar , yessefk ad d- negmer ammud ara nessaxdem deg umahil-a. Leqdic-a yesēa azal meqqren imi yerza tayult n tesnilest.

Aneggaru-a yusa-d s wudem usnan , deg-s ad d-nelmed amek yettili leqdic usnan, ihi amahil-a

Imi id-yusa d usnan ur yeshil ara akken ad d-negmer akk imyan yellan udawi , imi zik

imdanen d tdawin s yimyan-a mi ara yehlek yiwen .

Tazrewt-a terza asmeskel amutlay n yimyan n tujya i yebḍan yef 02 ixfawen , ixef amezwaru negga deg-s (tasnelya , tasnemka , tasnawalt) , ma yella deg ixef wis sin 02 yerza tasleḍt tasnelyamkant.

Ihi tazrewt-a tbedd yef kra n yiswan d igejdanen nessarem ad naweḍ yer kra n yiswan-a gar- asen asnerni n umawal n tmaziyt , d useggam n yinumek n yal imyi n tujya d wamek i d-ssen , d ayeḍ d uskfel n yismawen n yimyan n tujya deg tmetti n leqbayel d wazal-nsen i wakken tasut i d-iteddun ad ten-id-affen .

Nessaweḍ ad nefhem wa ad nissin amek i d-ttili talya d unamek n yimyan n tujya deg snat n tamnaḍin (At leeziz , Imezdurar) , nessarem deg umahil-a nerra-d akk yef iseqsiyen i d-nefka deg tmukrist-nney

Tuget n wawalen i d-nufa d ismawen iherfiyen , d ayeḍ ulac atas n yismawen isuddimen d wuddisen d ayeḍ nufa-d kra kan i yesēan assayen isnemkanen ayen yerzan tagetnemka nufa-d kan 02 , ma timegdiwt nufa-d 10 , taynisemt 02

Ihi niweḍ yer taggara n leqdic-nney i yerzan imyan n tujya nessarem newwid amaynut , wa n kemmal ayen ur sawḍen ara wiyed , nessarem ad ttili d abrid d asurif i tezrawin , nessarem d ayeḍ adilin leqdic-a-t nniḍen ugar wa adyili unerni n tektiwi

Iybula :

1. Idlisen

- 1/ AZEDDINE IDIR, asegzawel amezzyan n tesnilest n tmaziyt ,2020.
- 2/ BANDALI SADAQ ,awfus amaynut n tutlayt n tmaziyt ,2007.
- 3/ DUBOIS J , le dictionnaire de linguistique et des sciences du langage ,2012.
- 4/-HAMOUR MOHAND OUCHABANE, imyan deg idurar n leqbayel.
- 5/ IMARAZEN MOUSSA ,awfus n tjerrumt n teqbaylit ,2016.
- 6/ MEMMERI MOULOUD , tajerrumt n tmaziyt taqbaylit (tantala taqbaylit) ,1990 .
- 7/ MOUNIN GEORGES ,dictionnaire de linguistique , 2012 .
- 8/ MANSURI HABIB LLAH ,adlisfus amezzyan n uselmad n tmawalt tamaziyt deg uswir alemmas ,2018 .
- 9/ NAIT –ZERRAD KAMAL , tajerrumt n tmaziyt tamirent (taqbaylit) ,1995.
- 10/ SADIQI FATIMA, grammaire de berbère , 2004.
- 11/ YAHIOUN LARBI, abrid yer ukayad n tmaziyt.

Isegzawalen :

- AZIZ BERKAIN, Lexique de linguistique Français-Anglais-Berbère,2007.
- BOUAMARA K 2010 dictionnaire kabyle , asegzawal n teqbaylit , s taqbaylit (issin) 2010
- DALLET (J.M), 1982 , dictionnaire francais – kabyle , parler des ait mengellat , alger SELAF , paris
- MOHAND OU REMTANE IGHIT, asegzawel n tfellaht n taqbaylit (2009/2011).
- MENICHE ABED LMALEK, asegzawel n tmaziyt ,2013.
- MUHAND MAHRAZI, Lexique des sciense de langage,2013.
- MAMMERI MOULOUD, Amawal n tmaziyt,2008.

- **Ismawen n yimyan n tujya nekkes-iten-id:**

Seg usegzawal n **Dallet (J.M)** 1982 , dictionnaire francais kabyle , parler des ait mengellet , alger , SELAF ,paris .

Ammud :

Isem s taqbaylit	Isem s tafransist
Aberwaq	Asphodèle
Amagraman	Aunèe
Amaday	Lentisque
Axerrub	Caroubier
Akarmus	Figuire de barbarie
Amezzir	Lavende
Aderyis	Leam thapsiya
Akbal	Mais
Azebbuj	Olivier Sauvage
Azegduf	Ortie
Asefsaf	Peuplier , Saule
Awermi	Rue
Abelluḍ	Chène pedanculé
Abesbas	Fonouil
Azumbi	Pin d'alp
Azemmur	Olive
Agusim	/
Azezzu	Le gent èpineux
Aæereær	Le aypress
Ayanim	/
Azir	/
Fijel	/
Felgu	Monthe policot
Ġaret maryem	Absinthe
Imliles	Variète d'alterne

Iferzizwi	Mèlisse
Ilili	Laurier rose
Inijel	Ronce
Lhelba	Fenugrec
Lhenni	Hennè
Lbşel n wuccen	Oignon sauvage
Lbşel	Oignon
Latizan	Tizane , vervene
Lehbaq	Basilic
Lkurat	/
Lqares	Citronner
Merruyt	Marrube
Mejjir	Mauve
Nneenee	Menthe
Taktunya	Cognassier
Tibiđas (tibişes)	Epinards
Tanyuda	/
Taselya	Globulaira
Ticcert	Ail
Ckenturat	/
Ccih	Armoise
Ččina	Orange
Qlilu	Petit centeurèe
Σmer gazgez	Charthamus
Zzaeter	Origan ,thym

Amawal

Awal s tmaziyt	Agdazal-is s tefransist	Aybalu	Asebter
Ayawas	Plan	Aziz Berkai	7
Azar	Racine	Aziz Berkai	45
Anamek	Sense	Aziz Berkai	43
Asuf	Singulier	Aziz Berkai	20
Azal	Valeur	Aziz Berkai	42
Amyag	Verbe	Aziz Berkai	27
Asuddes	Composition	Aziz Berkai	37
Asuddem	Dèrivation	Aziz Berkai	30
Asmeskel	Èchange	Aziz Berkai	46
Addad	Etat	Aziz Berkai	25
Asway	Factitif	Aziz Berkai	31
Tayyunt	Unite	Mahand Mahrazi	32
Tasleđt	Analyse	Mahand Mahrazi	49
Amđan	Nombre	Aziz Berkai	19
Attway	Passif	Aziz Berkai	31
Afeggag	Radical	Aziz Berkai	29
Tarrayt	Methodologie	Mohand Mahrazi	21
Asget	Pluriel	Aziz Berkai	20
Awşil	Affixe	Mammeri M	29
Amalay	Masculin	Aziz Berkai	17
Amaruz	Liè	Mohand Mahrazi	26
Azwir	Prèfixe	Mammeri M	35
Talya	Forme	Mohand Mahrazi	26
Amawal	Lexique	Mohand Mahrazi	47
Asiley	Affixe	Mouloud Mammeri	30
Aretđal	Enprut	Mohand Mahrazi	39
Tawsit	Genre	Aziz Berkain	16
Tasnelya	Morphologie	Aziz Berkain	16
Awal	Mot	Mohand Mahrazi	47
Iswi	But	Aziz Berkai	10
Isem	Nom	Aziz Berkain	16
Illelli	Liber	Aziz Berkain	26
Ixef	Apex	Mohand Mahrazi	14

Tugniwin



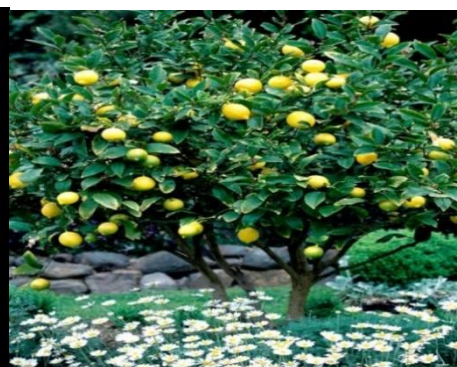
Axerrub



Lahbaq



Amaday



Lqares



Taktunya



Kalitus



Akarmus



İili



AkbalAmagraman



Azegduf



Aderyis



Lebşel n wuccen



Aheccad



Ččina Flegu



Inijel

Abesbas



Azemmur

Latizan



Azezzu

Cciḥ



Awermi



Ĝert maryem



Nneenee Iferzizwi



Σmergezgez



Aberwaq