

A Grammar of Awjila Berber (Libya) : based on Umberto Paradisi's material

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Chapter 6

Pronoun

6.1 Personal pronouns

Personal pronouns have different forms depending on their function. There are six different sets of personal pronouns.

- 1. Independent pronouns
- 2. Direct object pronouns
- 3. Indirect object pronouns
- 4. Prepositional suffixes
- 5. Possessive suffixes
- 6. Kinship possessive suffixes

6.1.1 Independent pronouns

The following table shows the independent pronouns in Awjila. Beguinot (1921: 390) also gives a full list of independent pronouns, which differ slightly from the forms found in Paradisi.

	Paradisi	Beguinot
1sg.	nək, nèk	nek
2sg.m.	ku, kù	ku
2sg.f.	kəm	kem
3sg.m.	nəttìn, əntìn	nettî, nettîn
3sg.f.	ənnàt	ennât
ıpl.	nəkkəní	nekkenî, neknîn
2pl.m.	kəmmìm	kemmîm
2pl.f.	kəmmìmət	kemmîmet
зpl.m.	nəhìn, ənhìn	nehnîn
зрl.f.	nəhìnət, ənhìnət	nehnînet

Most independent pronouns are attested in the texts, only *kəmmimət* is not found outside the word list.

The positions in which independent pronouns occur are:

- pronominal subject marking,
- · topicalized pronominal subject marking,
- · pronominal predicate marking in non-verbal sentences,
- after the dative preposition i-, and comparative preposition am,
- before a noun phrase marked with the preposition *id* 'with'.

When an independent pronoun is used to mark the subject, it is placed in the usual position of the subject, after the verb. The pronoun is often explicitly mentioned when there is a switch of subject in two consecutive sentences.

The independent pronouns are not found in texts marking a direct object, not even in topicalization position. It is not clear whether this is due to the limited size of the corpus, or whether it is actually impossible.

Non-topicalized subject:

- (28) *T-n=is* ənnàt: s=àrbəsa bàss. 3sf-say:*pf.=10.3s she: with=four enough 'She said to him: for four (should be) enough.' [PT:III]
- (29) $u=y-\partial q \dot{q} \dot{m}$ $i-dd\partial hw \dot{a}r$ $a\check{s}\dot{a}l=i$ $kk\dot{u}ll$ $i-n\dot{\partial}\check{s}\check{s}\partial d$ $\partial l\tilde{u}lam \dot{a}$ and=3sm-stay:*pf. 3sm-go.around:impf. village=loc. whole 3sm-ask:impf. scholars $u=i-y\partial ll\dot{\partial}b=t\partial n$ $u=n\partial t\dot{u}n$ $i-d\partial hw\dot{a}r$ $ir=i-t\dot{u}g$ and=3sm-defeat:impf.=DO.3pm and=he 3sm-go.around:impf. until=3sm-meet:*pf. $\check{Z}\dot{h}\dot{a}$. Jha

'and he started going around the whole village asking scholars (questions) and he defeated them and he continued to go around until he met Jha.' [PT:VIII]

Following the dative preposition:

(30) $n \partial k$ $wa \partial h \partial f - x = t \partial t = a i = k u$ 3sm-say:P=10.3s Jew I PMPH:sm threw:res.-1s=D0.3sf dat.=you 'I am the one who has thrown it to you' [PT:V]

After the comparative preposition *am* 'like'.:

(31) nəttin məqqər am=nək
he be.big:3sm like=I
'he is as big as me' [P: s.v. come]

After the predicative marker d=:

(32) ahsab - x = ku = ya ?ann-ak ku d = nak. think:res.-1s=DO.2sm=res. cmplzr.2sm you pred.=I '(so) I figured that you are me!' [PT:XI]

The coordination of pronouns, i.e. constructions like 'me and you', and similar pairs of pronouns, is achieved by means of an independent pronoun followed by the preposition *idd*- with a pronominal ending.

(33) nək a=nṭòr-əx=ku ká ir=a=nnə-sòdd nək idd-ək ar=əlqòḍi. I fut.=let.go:fut.-1s=D0.2sm neg. until=fut.=1p-go:fut. I with-2sm to=judge
'I will not let you go until you and I go to the judge.' [PT:V]

6.1.2 Direct object clitics

The direct object clitic is placed after the verb, but follows the indirect object clitic, when present.

```
=i
1sg.
         =ku
2sg.m.
2sg.f.
         =kəm
         =t
3sg.m.
3sg.f
         =tət
ıpl.
         =ax
2pl.m.
         =kim
2pl.f.
         =kmət
3pl.m.
         =tən
3pl.f.
         =tənət
```

When a direct object clitic directly follows a verb that ends in a final alternating vowel (such as verbs with the structure **cc***, **vc*** and **c*** verbs) with no intervening PNG-marking, the alternating vowel is always -*i*. There are no attestations of the 1pl. clitic after a verb of this type.

- (34) *i-yàlli* a=i-rz*i=tət*, y-əzmər ká 3sm-want:*pf. fut.=3sm-break:fut.=DO.3sf 3sm-be.able:*pf. neg. '(each one) wanted to break it, (but) could not.' [PT:I]
- (35) *i-yàlli* $a=i-\check{z}i\check{z}i=t.$ 3sm-want:*pf. fut.=3sm-sell:fut.=DO.3sm
 'He wanted to sell it.' [PT:IV]

The resultative clitic =a follows the direct object clitic. According to a regular pattern (see 4.3.1.5) =a changes a in the preceding syllable to a this also affects the direct object clitics, e.g. 3sg.f. direct object clitic =tat becomes =tit=a. Most of the forms of the resultative variants are predictable, but the 3sg.m. direct object clitic =t behaves as though the phonemic form is tat. The predicted form of the resultative with a 3sg.m. clitic is tat, but in reality we find tat, which would be the regular reflex of tat. The forms of the direct object pronouns when they precede the resultative marker are shown in the following table:

```
1sg.
         =i=ya
         =ku=ya
2sg.m.
2sg.f.
         =kim=a
3sg.m.
         =ti=ya
3sg.f
         =tit=a
ıpl.
         =ax=a
2pl.m.
         =kim=a
2pl.f.
         =kmit=a
3pl.m.
         =tin=a
3pl.f.
         =tnit=a
```

The direct object pronouns have no inherent accent, and form a single accentual unit with the verb. The accent of the verbal complex with a direct object clitic follows the default accentuation rules.

There is one exception to this: The 1pl. clitic -ax is unaccented, while the default accent rule would dictate that it would be accented (see 2.5.1). This suffix is unattested in the texts, but Paradisi provides an example sentence under the entry of the pronoun: <tgulît-aḥ> 'you saw us' [P: s.v. noi].

The accentuation found with $=t \partial n \partial t$ sometimes falls on the antepenultimate syllable. This suggests a phonemic analysis $=t n \partial t$ with epenthetic ∂t . Since there are also attestations where this supposedly epenthetic schwa is accented, the situation is unclear. Compare:

- (36) ya=ṛàbbi əndú y-ənqìṣ=a iwínan a=uyá-x= tənət ká. voc.=god if 3sm-lack:res.=res. one fut.=take:fut.-1s=DO.3pf neg. 'O God, if (even) one (pound) is lacking, I will not take it' [PT:V]
- (37) *w=i-gi=tànət* arəqùṭ=i u=y-əḥdəf=tànət dit nə=Žḥà and=3sm-put:*pf.-DO.3pf bag=loc. and=3sm-throw:*pf.=DO.3pf front of=Jha

¹In (Mali) Tuareg, this clitic also behaves as though it had a lost vowel. The default accent in Mali Tuareg is on the antepenultimate syllable, but this clitic forces the accent to fall on the penultimate syllable (Heath 2005: 84-87).

```
sar=ərròšən. from=window
```

'And he put them in a bag and threw it in front of Juha from a window.' [PT:V]

6.1.3 Indirect object clitics

The indirect object clitic is always placed immediately after the verb, and precedes the direct object clitic. It also precedes the final =d that is a remnant of the ancient Berber directional particle (see 4.3.1.4). An overview of the forms is provided below.²

```
=dìk
1sg.
         =ìk
2sg.m.
         =ìm
2sg.f.
         =ìs
3sg.
ıpl.
         =dikəní, =dikkəní, =dikəni
         =ikìm
2pl.m.
2pl.f.
        =əkmət
3pl.m.
        =isìn
3pl.f.
         =ìsnət
```

In front of the frozen directional particle =d, the 3sg. marker =is becomes =iz.

```
(38) Y-uš=iz=d \check{Z}h\dot{a}.

3sm-come:*pf.=10.3s Jha

'Jha came to him' [PT:VI]
```

When the indirect object clitic is combined with a verb that has a final vowel, this final vowel is elided, or, in the case of the 1sg., changed to -i.

```
(39) y-əfk=is ənnùṣ n-əlbəràt.
3sm-give:*pf.=10.3s half of=money
'(Jha) gave him half of the money (he owed him).' [PT:XIV]
```

```
(40) ràbbi y-əfki=dìk=a am alá yəllì-x.
god 3sm-give:res.=10.1s=res. like rel. want:*pf.-1s
'God has given like I wanted!' [PT:V]
```

 $^{^2}$ It is interesting to note that the 1sg. and 1pl. have an element -d- which is not usually found in Berber 1sg./1pl. indirect object clitics. This may be the directional particle =d found in other Berber languages, which has disappeared as a productive element in Awjila. The exact historical development that would explain the position of =d in front of the direct object clitic, is unclear.

It is not possible to determine whether the final vowel would be changed to -*i* with the 1pl. indirect object clitic. The word is only attested in the example below. The verb it is attached to, is only attested in this sentence, its basis may be *wàtti* rather than *wàtta/i*.

(41) wàtti=dikkàni čču=nn-àx ṣbàḥ id=bàsad ṣabàḥ.
prepare:imp.=10.1p food=of-1p tomorrow and=after tomorrow.

'prepare food for us for tomorrow and the day after tomorrow.' [PT:XV]

According to the notations in the word list, the 1pl. form has a final accent. In the only attestation in the text corpus, shown in example (41), it has default penultimate accent. With the limited data available, it is impossible to say what this alternation in notations reflects.

When the isg. of a verb is followed by an indirect object pronoun, the -x and the following i- of the indirect object clitic are replaced by -a-. This -a- causes elision of any vowel that directly precedes it.

- (42) nək Səlamá fəkk-à=s afiw y-əlyəm a=y-əmm.
 I as.much.as. give:impf.-1s=10.3s fire 3sm-refuse:pf. fut.=3sm-cook:fut.
 'He said to them: No matter how much fire I would give it, it refused to cook.'
 [PT:II]
- (43) \$\sigma \sigma \sigma \alpha \alpha \sigma \sigma \alpha \al

In front of the resultative marker, the indirect object clitics undergo predictable changes (see 4.3.1.5), which have been displayed in the table below.

```
=dìk=a
1sg.
         =ìk=a
2sg.m.
2sg.f.
         =ìm=a
3sg.
         =ìs=a
         =dikkənì=ya
ıpl.
         =ikìm=a
2pl.m.
2pl.f.
         =əkmìt=a
3pl.m.
         =isìn=a
3pl.f.
         =isnìt=a
```

6.1.4 Prepositional suffixes

The prepositional suffixes are pronominal elements suffixed to prepositions.

In this section, the different suffixes are listed. The prepositions are discussed in section 8.

```
1sg.
         -i
2sg.m.
         -ək
2sg.f.
         -əm
3sg.m.
         -əs
ıpl.
         -nàx
2pl.m.
         -kìm
2pl.f.
         -èkmət
3pl.m.
         -sìn
3pl.f.
         -èsnət
```

Besides the Berber set of pronominal suffixes, there is a set of Arabic prepositional suffixes which occurs with the prepositions $d \partial f f \partial r$ 'behind' and $d \partial t$ 'in front'. The accentuation of some of the forms of $d \partial f \partial r$ 'behind' is uncertain, as Paradisi only lists the endings. These uncertain forms are marked with a (?). A few forms have Berber prepositional suffixes besides the Arabic ones.

	dèffər	dìt	
1sg.	dáffər-i	dìt-i	
2sg.	dəffər-èk	dìt-ək	
3sg.m.	dəffər-àh	dít-ah	
	dáffər-ah		
	dáffər-a	dít-a	
	dəffər-əs		(Berber suffix)
3sg.f.	dáffər(?)-ha	dìt-ha	
ıpl.	dáffər(?)-na	dìt-na	
	dəffər-nàx		(Berber suffix)
2pl.m.	dáffər(?)-kum	dít-kum	
	dəffər-kìm	dít-kim	(Berber suffix)
2pl.f.		dìt-kən	
	dáffər(?)-kmət	dít-kmət	(Berber suffix)
зpl.m.	dáffər(?)-hum	dít-hum	
		dít-sin	(Berber suffix)
зpl.f.	dáffər-(?)-hən	dìt-hən	
		dìt-snət	(Berber suffix)

The preposition *af, fəlli-* 'on' has a 1sg. ending *-wi* rather than *-i*:

(44) *lhùdi i-qòlləz fəllì-wi*Jew 3sm-lie:impf. on-1s

'The Jew is lying about me' [PT:V]

The preposition *s*- 'behind' has irregular 3pl.m and 3pl.f. forms: *s*-*in*; *s*-*inat*, *sànat*. One would expect the forms ***s*-*sìn*; *s*-*sìnat*, *s*-*sànat*. Apparently, the sequence *s*-*s*- has been simplified.

(45) *U=y-əfrəh Žḥà s-ənət* and=3sm-become.happy:pf. Jha with-3pf 'And Jha became happy with it' [PT:V]

Below follow several examples of prepositions from the texts.

- (46) blaš, u=t-əqqáš əlbàb fəlli-s forget.it and=3sf-close:*pf. door on-3sg.

 'Forget it! and she closed the door on him,' [PT:III]
- (47) *U=y-uyì=tət kull iwinàn syar-sìn i-yàlli*And=3sm-take:*pf.=do.3sf each one:sm from-3pm 3sm-want:*pf. *a=i-rzì=tət, y-əzmər ká*fut.=3sm-break:fut.=do.3sf 3sm-be.able:*pf. neg.

 'And each one of them took it and wanted to break it, (but) could not.' [PT:I]

The prepositions with Arabic suffixes are also attested in the texts:

- (48) $u=y-\partial \hat{v} \partial dd$ $w=az\hat{v} \partial f \partial f \partial r a$ (or: $d \partial f \partial f \partial r a \partial f$
- (49) I-ggi=t dit-a 3sm-put:P=DO.3sm in.front-3sm 'He put it in front of him' [PT:II]

The suffixes used in combination with the preposition n 'of', are slightly different than those used with other prepositions. Moreover the pronominal genitive prepositions are placed directly after the noun and form an accent unit with it.

```
=ənn-ùk
1sg.
2sg.m.
        =ènn-ək
2sg.f.
        =ènn-əm
        =ènn-əs
3sg.
ıpl.
        =ənn-àx
        =ənn-əkimm, -n-əkim
2pl.m.
2pl.f.
        =ənn-əkmət
3pl.m.
        =ənn-əsin
3pl.f.
        =ənn-èsnət
```

(50) *šəkri=dìk* **əlbarat=ənn-ùk** return:imp.=10.1s money=of-1s
'Give back my money' [PT:VII]

When the preceding noun ends in a vowel, the initial ∂ of the possessive clitic is absent. When the clitic is placed after a noun that ends in -n, the initial ∂ is also absent, the resulting sequence -nnn- is simplified to -nn-.

- (51) bə sədèn y-ušà=d iwinan i-sàsa af=təfilli=nn-əs. then 3sm-come:pf. one:sm 3sm-beg:impf. on=house-of-3s

 'Then someone came begging at his house.' [PT:VI]
- (52) w=iwin $n=i\S f$ i-llùm aməzzin=n-əs and=one:sm of=day 3sm-gather:*pf. sons=of-3s 'And one day he gathered his sons' [PT:I]

6.1.5 Kinship possessive suffixes

A group of kinship terms have special possessive pronouns, which are suffixed immediately to the noun instead of using a construction with the preposition n 'of'. When a kinship term has no suffix, it is automatically interpreted as related to the first person singular, for example $\grave{a}bba$ 'my father', $abb\grave{a}$ -s 'his father'. Note that the suffixes are similar to the prepositional suffixes, but the plural forms have an additional element -t-. All kinship terms follow the default accent rule.

```
no suffix
1sg.
2sg.m.
         -k
2sg.f.
         -m
         -S
3sg.
ıpl.
         -tnàx
         -tkìm
2pl.m.
2pl.f.
         Unattested
3pl.m.
         -tsìn
3pl.f.
          Unattested
```

The kinship terms that are attested with these suffixes are: àbba 'father', ḥənnùni 'grandfather', ḥètta '(maternal) aunt', mmà 'mother', àmmi '(paternal) uncle', nàna 'grandmother', àwi 'son', wèlli 'daughter', ùma 'brother', àtma 'brothers', wèrtna 'sister', sètma 'sisters'.

xàli '(maternal) uncle' probably belongs here too, but there is not enough data to confirm this.

The plural of *iwi* 'son', *aməzzin* 'sons', takes the regular possessive clitics.

The noun *təmìgni* 'woman, wife' is usually found with the regular possessive clitics, but once it is attsted with a kinship possessive suffix. According to Paradisi, the regular possessive clitic is also possible in this context.

(53) Bə sədèn əl səqqàb=i y-əqqìm nəttìn id=**dməgnì-s** (or: id=təmignì-nn-əs)
Then evening=loc. 3sm-stay:*pf. he with=wife-3s (with=wife=of-3s)

'Then in the evening, he was with his wife' [PT:IV]

6.2 Reflexives

Reflexives are formed with the noun $im\grave{a}n$ 'self, oneself' followed by the preposition n with possessive suffixes. This noun is not attested in Awjila outside of these reflexive constructions.

- (54) *llumm-àt iman=nə-kìm, a=i-ssəfəd=kìm rəbbi.* gather:imp.-pm self=of-2pm fut.=3sm-help:fut.=D0.2pm God 'Gather yourselves and God will help you.' [PT:I]
- (55) w=iwínan y-əqqán imàn=n-əs amakàn n=aẓìṭ. and=one:ms 3sm-tie:*pf. self=of-3s place of=donkey 'and one tied himself (in) place of the donkey.' [PT:VII]

6.3 Relative pronouns

There are two types of relative pronouns in Awjila. First, there are the pre-modifier pronominal heads $(PMPH)^3$, and second there are the general relative pronouns.

6.3.1 Pre-modifier pronominal heads

PMPHs consist of a deictic element w- (for masculine) / t- (for feminine) affixed by an element -a (for the singular) and -i (for the plural), forming a set of four PMPHs.

Different from Tuareg which has three grades of definiteness in PMPHs (Galand 1974), the Awjila PMPHs do not distinguish definiteness.

PMPHs form the head of relative clauses; They function as relative pronouns with or without incorporated antecedent. The syntax of relative clauses will be discussed in more detail in section 10.6.

- (56) $u=ba \circ den y-axz \circ r$ $af=al \circ nn-as wa$ $zz \circ k-an$ dax and then asm-look:pf. on=load=of-as pmph:ms be.heavy-ptc. in.order.to $a=y-arf \circ s=t$ fut.=asm-lift:fut.=do.asm

 'And then he looked at his load that was heavy to carry' [PT:III]
- (57) wa y-əfki=dìk=a lsàlla a=y-əfki=dìk iwinan;
 PMPH:sm 3sm-give:res=10.1s=res. much fut=3sm-give:fut.=10.1s one:sm
 'He who has given me much, may he give me one (more).' [PT:V]
- (58) $n \partial k w a$ $\partial h \partial f x = t \partial t = a$ i = k uI PMPH:sm threw:res.-1s=DO.3sf dat.=you

 'I am the one who has thrown it to you' [PT:V]
- (59)*u=nək rwìh-h=a* $a=y-\partial ql\partial z$ w=a=i-n=ishètta and=I become.afraid:res.-is=res. fut.=3sm-lie:fut. and=fut.=3sm-say:fut.=10.3s even tlaba=nn-ùk **ta** t-ənní fəllì-wi t=tà=nn-əs nəttìn gown=of-1s rel:sf 3sf-exist:*pf. on-1s pred.=PMPH:sf=of-3s he id=azit=ənn-ùk a=i-n=is $d=w\grave{a}=nn-as$ nəttìn. with=donkey=of-1s fut.=3sm-say:fut.=10.3s pred.=PMPH:sm=of-3s he 'and I am afraid that he will lie and say that even the gown that is on me is his and that he will say that my donkey is his.' [PT:V]

³Terminology following Kossmann (2011: 84, 113-119).

(60) Bə sədèn y-ə sədd y-ənsəd ərrəfəq=ənn-əs wi ižinà-n=a then 3sm-go: pf. 3sm-ask:seq. companions=of-3s pmph:pm divide:res.-3pm=res. nəttin id-sin ksùm. he with-3pm meat.

'Then he went and asked his companions whom he had divided the meat with.'

There are no examples of the feminine plural pronoun ti in the text corpus. PMPHs also form the head of possessive phrases by cliticization of the possessive preposition n 'of' in the meaning 'that of ...'.

(61) la yar guli-x=kù=ya t-udìn-t=a əlqəbbùṭ am=wa=nn-ùk
no but see:res.=is=do.2sm=res. 2s-wear:res.-2s=res. robe like=pmph:sm=of-is
w=əlsəmàmət am=ta=nn-ùk, əḥsə́b-x=kù=ya ?ənn-ək ku d=nək.
and=turban like=pmph:sf=of-is think:res.-is=do.2sm=res. cmplzr.2sm you pred.=I
'No, but I saw that you wore a robe like mine and a turban like mine; (so) I
figured that you are me!'

The pre-modifier pronominal heads with the genitive clitic can also be combined with the interrogative *màni* 'who?' to create the meaning 'whose?':

(62) gmaren=íya d=wi=n=máni? horses=prox.:p pred.=pmph:pm=of=who 'Whose are these horses?' [P: s.v. chi?]

6.3.2 General relative pronouns

There are two general relative pronouns. One is *wàsa* and the other is *alá. wàsa* is an indefinite relative pronoun that is attested twice, both times in Text II. The first time it is given as an alternative to *wa* to form the head of a relative clause.

The word is similar to Ghadames *was* 'démonstratif en fonction de relatif, indéterminé de genre et de nombre' (Lanfry 1973: 394).

- (63) nək lukàn wa (or: wàsa) a=mmudà-n də́ffər-i
 I if pmph:sm rel. fut.=pray:fut.-ptc. behind-is
 a=i-čči=t afiw, məsədč a=mmudà-x s=ḥiddan.
 fut.=3sm-eat:fut.=do.3sm fire, no.longer fut.=pray:fut.-is with=anyone
 'If those who pray behind me would be eaten by fire, I would no longer pray with anyone.' [PT:II]
- (64) wàsa a=nzurrà-n syar-kìm a=səyyáṭ-ən=dik təlàta marràt; rel. fut.=suffer:fut.-ptc. from-2pm fut.=call:fut.-3pm=10.1s three times 'Whoever of you who will suffer, will call me three times;' [PT:II]

The relative pronoun *alá* always has an incorporated antecedent. *alá* exclusively refers to non-human antecedents. For human antecedents, PMPHs are used.

- (65) Y-ə \hat{s} dd i-n=is=t am=alá na-n=is=a. 3sm-go:*pf. 3sm-say:*pf.=10.3s=D0.3s like=rel. say:res.-3pm=10.3s=res. 'He went and told it to him like they had told him' [PT:II]

The particle $al\acute{a}$ resembles the particle that introduces cleft sentences: d- $al\acute{a}$. An etymological relation between these particles seems likely (see section 10.6.7).