A SKETCH OF THE ARABIC DIALECT OF THE CENTRAL YAMANI TIHAMAH

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1. Introduction

- 1.0. This article represents preliminary partial findings of research concerning a contemporary Arabic dialect which the author believes sheds significant light on the history of the Arabic language. Furthermore, it is hoped that this research will be useful to specialists in general Semitic linguistics who should gain some new insights into problems of the development of Semitic through the data presented. Finally, it is my desire to bring the very existence of this little-known dialect to the attention of scholars with the profound hope that the topic will stimulate wider interest in it, and the Yamani dialects in general, that might result in further inquiries, now that the outlook for research in this long-isolated corner of the Arabian Peninsula seems to be improving.
- 1.1. Recognition of this dialect, or at least of one of its features, since early in the Islamic period is indicated by the recording of the hadīt laysa min m-birri m-siyāmu fī m-safar 'fasting (during the holy month of Ramaḍān) while travelling is not (considered) piety'. Its obscurity, on the other hand, seems related to Yaman's relative inaccessibility until recent times, and the insalubrious environment of Tihāmah which swelters under temperatures of 35° C and 85% humidity for a good
- * The editors express their thanks to DR. VOLKER HÖHFELD of the Geographic Department of Erlangen-Nürnberg University for drawing the map accompanying this article.
- 1 The financial support for this research was provided by the Fulbright-Hays Dissertation Abroad program. It was carried out from October 1975 to February 1976.
- 2 The field of Arabic linguistics owes much in this regard to WERNER DIEM for his excellent book Skizzen jemenitischer Dialekte. Beirut 1973 (= Beiruter Texte und Studien, Bd.13).
- 3 This is attested by the recent incorporation in Illinois of the American Institute of Yemeni Studies, as well as similar institutions being planned, according to hearsay, by Cambridge University and the West German government.
- 4 Often quoted to me by Yamanis and also found in C. RABIN: Ancient West Arabian. London 1951, 36. The translation, and all others in this paper, are the author's.

part of the year. ⁵ Also, though Yamanis have left their homeland in pursuit of employment and other commercial activities for centuries, inhabitants of Tihāmah rarely move beyond the borders of the Arabian Peninsula. I have inquired about the presence of a Tihāmah native in the rather large Yamani communities in the Buffalo, New York and Detroit areas without success and, to the best of my knowledge, there are none in the U.S.

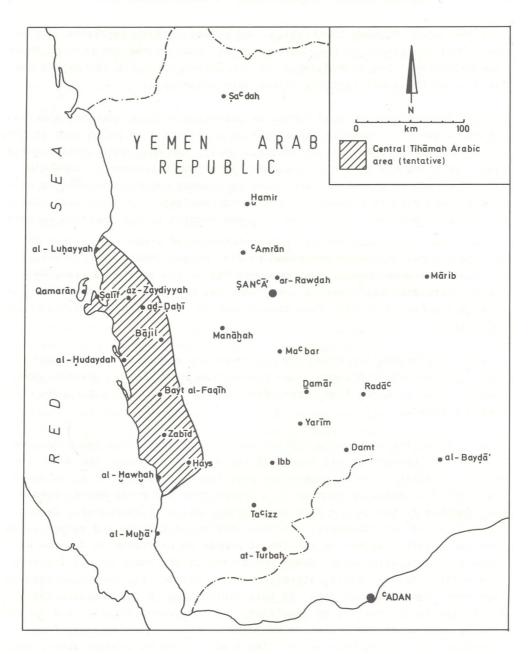
1.2. Although the designation "Tihāmah" refers to the entire area along the western Arabian coast south of the Ḥijāz, the research at hand is concerned only with that portion in the Yemen Arab Republic whose epicenter is the city of al-Ḥudaydah.

Other urban centers which fall within the geographic limits of the study are az-Zaydiyyah and aṣ-Ṣalīf in the northern area, al-MarawṢah, al-QuṭayṢ, and Bājil to the northeast along the ṢanṢāʾ road, and al-Manṣūriyyah and Bayt al-Faqīh to the south. Zabīd, the long-renowned center of Islamic scholarship and former capital of the area has been intentionally excluded as I was unable to undertake first-hand research there because of time limitations and was only able to elicit one brief passage from an individual who was a native of that city. Also, I was told by several of the many people who assisted me that the Zabīd dialect is quite different from that under scrutiny, and this would seem to justify its exclusion on linguistic grounds as well, though I suspect that it would probably be most properly classified as a sub-dialect of Central Yamani Tihāmah Arabic (hereafter CT), rather than as a completely separate entity.

- 1.2.1. Though a precise boundary will only be determined by extensive in-depth research, the geographic area in which CT is spoken is roughly indicated on the map. It may be said that this area comprises the governorate or $liw\bar{a}^2$ of al-Ḥudaydah, whose capital is the city of the same name. Henceforth, incidentally, all references to "al-Ḥudaydah" are to the latter, i.e., the city.
 - 2. The "Target Language" of the Study
- 2.0. "Sprachenbabel" is the term used by DIEM to describe the language situation in al-Hudaydah, 6 and with good justification. As modern Yaman's

⁵ During the period when the research was carried out (see n.1) the weather in Tihāmah was ideal. Daytime temperatures averaged $75^{\circ}-80^{\circ}$ F., dropping at night to $65^{\circ}-70^{\circ}$ F. The humidity was in the $60-70^{\circ}$ range.

⁶ DIEM ibid. 15.



principal gateway to the sea, and consequently her commercial center, people have gathered in the city from many areas, both inside and outside the country. The tremendous development that has taken place is, however, quite recent. Before the expansion of the city's harbor facilities by the Russians in the 1950's al-Hudaydah was not much different

from the other Tihāmah towns which had housed Turkish garrisons during their long occupation of the country, except that it was the port of their disembarkation. Its significance to the present research is that it was the site of the great majority of the data collection.

2.1. The methodology used herein is essentially synchronic and American structuralist. The phonetic transcription of examples is based upon TRAGER: Phonetics: Glossary and Tables. (Buffalo 1964), the only modification being that I am using the macron to designate long vowels instead of TRAGER's dot. Place-names, paradigms, and items in slashes may be construed as normalized according to a superficial phonemic analysis, but this will almost certainly be modified when a more complete version of the research appears.

Some apparent discrepancies in the phonemicized items are related to the urban-rural dichotomy described in 2.4. below. Others are the result of historical development, e.g. phonetic $[\bar{e}]$ is the reflex of literary Arabic (hereafter LA) 8 /ay/ in some examples, but in others it is analyzed as an allophone of CT / \bar{I} /. This discrepancy is dealt with in 3.0.1., 3.1.2., and 3.1.3.

- 2.1.1. By necessity, since the entity we are examining is a "known" one, viz., an Arabic dialect, some comparisons with LA will be made. Also, examples will be drawn from other contemporary dialects to illustrate specific points.
- 2.2. Since the revolution against the Imām in 1962 Yaman has undergone a variety of changes at all levels of her society. Perhaps the most important catalyst in this process has been the construction of roads which has allowed internal relocation to a degree that was never before possible. Another factor is the relatively large influx of foreigners, from the Arab world and elsewhere, who have introduced customs and values which have had a marked effect on the Yamani people in practices as diverse as dress and linguistic usage. Since the latter is the focus of our interest, I have tried to pay careful attention to the problem of linguistic innovation when regarding this data. In this dialect sketch the language represented is, to the best of my knowledge, the indigenous variety of Arabic used by natives of the region in conversation with other natives. "Conversation" is defined here as covering a wide range of mundane speech acts such as might occur during commercial intercourse in the $s\overline{u}q$, domestic discussions in the home, and the verbal exchange that occurs during the

⁷ Cf. J.BALDRY: al-Yaman and the Turkish Occupation 1849-1914. Ar 23 (1976) 156ff. 8 This variety is also known as "Modern Standard Arabic".

daily $q\overline{a}t^9$ sessions which are an integral part of the social life of Ti-hāmah residents, as they are for many Yamanis. Excluded under this rubric are poetry, discussions of religious matters, school classes, and other situations when a more formal style is required.

- 2.3. It is a well-known sociolinguistic fact that factors of age and sex manifest themselves in patterned ways within any linguistic community. In the research at hand only adult, male speech is being considered. Although undoubtedly this variety shares many features with those of women and children it seems imprudent not to draw a distinction since neither of the latter two groups was interviewed to the degree necessary to isolate their sub-dialects because of limitations of time.
- 2.4. Within the group of adult males whose speech was examined a patterning emerged which has been analyzed as the distinction between urban and rural sub-dialects; in the examples "U" refers to the urban variety and "R" to the rural.

"Urban", in the present sense, refers to the speech of certain inhabitants of al-Ḥudaydah which manifests a group of particular linguistic features, while "rural" is the designation for the speech variety that does not exhibit these features, i.e. the definition is language-based and has nothing to do with the birthplace or place of residence of the individual who uttered the item. I was unable to ascertain whether the U variety is, in fact, used by people in other Tihāmah urban areas outside al-Ḥudaydah. In contrast, though, it became readily evident that many inhabitants of the city, either born there or long-time residents, speak the R sub-dialect, even in situations, such as during the linguistic interviews during which this group of data was elicited, when they might have used what would generally be perceived by native speakers as a more prestigious variety. 10

2.5. The data that have been selected for inclusion in this article represent only some of the more noteworthy features of the dialect. Those not mentioned may be assumed to be either similar to findings in other dialects or wanting lengthy attention that is beyond the scope of this brief sketch.

⁹ See W. LUQMAN and T. S. DANOWSKI: The Use of Khat (Catha edulis) in Yemen. Social and Medical Observations. Annals of Internal Medicine 85/2 (1976) 246-49.

¹⁰ For a detailed discussion of this phenomenon see FREDERICK J. CADORA: Some Linguistic Concomitants of Contactual Factors of Urbanization. Anthropological Linguistics 12/1 (1970) 110-19.

- 3. Phonology
- 3.0. Vowels
- 3.0.1. In one- or two-syllable words which contain the emphatic phonemes $/ \frac{1}{5} / \frac{1}{7} /$

It seems appropriate to mention at this point also that the status of "secondary emphatics" such as /b/, /r/, and /l/, which occur in Egyptian Arabic, has not been ascertained.

- 3.0.2. The phoneme $/\bar{a}/$ has two main allophones and a third which seems to be morphophonemically conditioned. Low back unrounded $[\bar{a}]$ appears in the environment of the emphatics including /q/, while low central unrounded $[\bar{a}]$ appears elsewhere. The third allophone $[\bar{\epsilon}]$ appears only as a variant of the 3rd feminine singular bound pronoun $/-h\bar{a}/$ \longrightarrow $[-h\bar{a}] \sim [-h\bar{\epsilon}]$, although the phonetic environments which condition this lower-mid front unrounded vowel remain unclear. 12
- 3.0.3. The phoneme $/\bar{u}/$ is affected by the same environments as $/\bar{I}/$. The resulting situation is somewhat more complex, though, because the resulting change varies in its realization according to the U/R dichotomy. In U speakers render one allophone $[\bar{o}]$ in the environments mentioned above and $[\bar{u}]$ elsewhere. R speakers, however, have a diphthong $[\bar{o}w]$, i.e. a midcentral unrounded phone which glides back and higher to a high back rounded one, where U speakers have $[\bar{o}]$; $[\bar{u}]$ is pronounced in other environments, e.g.

¹¹ This seems to be a well-known areal phenomenon and has been described in B. INGHAM: Some Characteristics of Meccan Speech. BSOAS 34 (1971) 274, and T.M. JOHNSTONE: Eastern Arabian Dialect Studies. London 1967, 23.

¹² Professor ERNEST McCARUS of the University of Michigan has suggested in personal communication that this may be a pre-pausal phenomenon. While this solution seems quite promising it has not yet been confirmed.

3.1. Diphthongs

3.1.1. The LA diphthong /aw/ is always pronounced $[\bar{o}]$ in U. In R, however, it is rendered with this pronunciation only in certain lexical items, e.g., $[ly\bar{o}m]$ 'today' and $[d\bar{o}m]$ 'the doom palm' (a type of tree). Outside of these and a few other examples it is pronounced as in the literary variety.

3.1.2. The reflex of LA /ay/ is always pronounced [ē] in U. Among rural speakers, however, there are two allophones which appear to be related to a subtle perception of "things urban" as opposed to "things rural". A rather clear example may be seen in the pronunciations of the names of regional towns. Three of the larger centers are rendered with the "urban" realization of /ay/, i.e., [ē]: [lhodēdah], [bētelfaqīh], and [lhosēnīyah]. Three small villages, on the other hand, are rendered [mqoṭay²], [mdUray-hami], and [mtəhayteh] which, in addition to retaining the pronunciation of the diphthong, are also regularly realized with the more common R version of the definite article, viz., the version based on m- (see 4.0 - 4.0.2. below).

Note that this alternation in R is not restricted to place names. The common word for 'house' is pronounced [bayt] which is in contrast to the name of the town mentioned above 'the house of the sage', i.e., [betelfaqTh]. Also, the 'buqsha', (the smallest unit of currency, equal to 1/40 of a $riy\overline{a}l$), seems to be associated with things "rural" or perhaps "traditional" since 'two buqshas' was always pronounced by the several R speakers I interviewed as [bUqšatayn]. 'Two riyals', on the other hand, though the $riy\overline{a}l$ has been the major unit of currency in Yaman since long before the 1962 Revolution, was uniformly pronounced by this same group of R speakers, as well as by all U speakers, [riyalen].

¹³ The subscript circumflex indicates a loss of voicing in a sound which is normally voiced.

3.1.3. There are two features which seem to indicate the existence of a separate dialect, or more likely a sub-dialect of CT, in the area of Wādi Mawr which is situated about 110 kilometers north-northeast of al-Ḥudaydah. The first of these to be considered was elicited in only one paradigm and, unfortunately, I was unable to test its patterning in other contexts. Nevertheless, its uniqueness does not seem to minimize its significance since it exhibits a phenomenon which was not elicited in any of the other data, yet was used by several speakers of this variety in the same, very common paradigm.

The feature in question is the result of what may be considered as the sequence $/\bar{a}y/$ which in turn can be related to the LA sequence $/-\bar{a}^2i-/$ since, morphologically, the item in question is the $f\bar{a}gil$ measure of a hollow verb, CT $/b\bar{a}k$, $yb\bar{u}k/$ 'to go'. In this area it is realized as $[\bar{e}]$.

In all the elicitations from both U and R speakers from all over the dialect area, with the exception of those individuals from Wādi Mawr, the paradigm was pronounced [bāyku], fem. [bāykEh], pl. [bāykIn], 'going'. Those individuals from Wādi Mawr, however, pronounced these items [bēkUn], [bēkEh], [bēkIn].

The -u/-Un alternation which may be observed in the masculine forms of this paradigm will be discussed in 4.7.1.

3.2. Consonants

3.2.1. One of the better-known features of CT among Yamanis (another being the m-definite article), is the rendering of the reflex of LA gayn as a glottal stop [?]. This occurs in all phonetic environments and is so pervasive that it appears even in circumstances when features that indicate a higher register are employed.

Though numerous examples supporting this statement occur in the data, I believe that the best illustration of the tenacity of this practice is relayed by an anecdote. It was told to me by several of the people who contributed to the data, but more interestingly, was also related by an Imām at one of the mosques in al-Ḥudaydah who, while refusing to be formally interviewed, supplied many fascinating observations about CT, and, having studied at the Islamic college at Zabīd, knew the works of the Arab grammarians to the degree that he was able to quote the passage from SĪBAWAYH mentioned in 3.2.3. below.

In brief, it seems that during the period of the Civil War in Yaman, 1962-67, the son of one of al-Ḥudaydah's religious leaders went to Cairo to study at al-Azhar. Much to his family's surprise the chagrined student

returned home after only a few months with the explanation that he had been dismissed because this particular feature of his native dialect, viz., "pronouncing g_{ayn} as hamzah", had apparently found its way into his recitation of the Holy Qur'ān and this was deemed unacceptable by his mentor.

The veracity of this anecdote, or whether the linguistic problem was the only reason for the student's dismissal seem immaterial. What is significant is that it indicates the inhabitants of the dialect area's sensitivity to their language, and to this feature in particular. Furthermore, it indicates that the CT reflex of LA /9/ is [?] even in the highest registers of the dialect and this is corroborated by virtually all of the data which I recorded.

- 3.2.2. The reflex of LA \not is pronounced as an emphatic 14 voiced interdental fricative, $[\c o, \c o$
- 3.2.3. The dialectal rendering of LA في seems to be an extremely interesting problem, but I must admit from the outset that my "objectivity" in perception may have been impaired as a result of having been told by the Imām mentioned in 3.2.1 above that Tihāmah residents pronounce this sound من بين أوّل حافة اللسان وما يليه من الأضراس between the front of the edge of the tongue and the molars which are next to it'. 15

In brief, I observed among most of the individuals whom I interviewed that the pronunciation of this sound is identical with that of the reflex of LA $\,\dot{\,}$, as described above. Among others, however, I observed visually, that some speakers released this sound from only one side of the mouth with the result that only one cheek "puffed" during articulation. ¹⁶ Subsequent listening to tapes of these individuals, however, did not reveal a noticeably lateralized pronunciation, although some difference was perceived.

3.2.4. The reflexes of LA $\stackrel{.}{\circ}$ and $\stackrel{.}{\circ}$ retain their interdental natures in R. In U, however, the most common reflexes are /t/ and /d/ respectively.

¹⁴ A discussion of the articulatory nature of "emphasis" in Arabic may be found in SALMAN AL-ANI: Arabic Phonology: An Acoustical and Physiological Investigation. The Hague 1970 (= Janua Linguarum, Series Practica, 61). It should be noted though, that the subscript dot here refers to this phenomenon and not to the alveolar position used by TRAGER.

¹⁵ SĪBAWAYH: Kitāb. Ed. DERENBOURG II 453 = Ed. Būlāq II 405.

¹⁶ For full discussions of the nature of the pronunciation of this sound as analyzed by the Arab grammarians see W. H. T. GAIRDNER: The Arab Phoneticians on the Consonants and Vowels. Moslem World 25 (1935) 247 and K. VOLLERS: The System of Arabic Sounds as Based upon Sibawaih and Ibn Yaish. In: Transactions of the 9th International Congress of Orientalists. Vol. II. London 1893, 145-48.

The qualification "most common" is used because pairs like Cairene /tanya/ 'second, f.s.' (i.e. the ordinal number), and /sanya/ 'second' (i.e. the unit of time), were not elicited and I am not absolutely certain as to how this problem is handled in the U variety of CT.

One might be tempted to explain the U reflexes as the result of the extensive Egyptian presence in al- μ udaydah between 1962-67, but ROSSI had already observed this phenomenon in the city in 1938. This feature is also well documented for other urban Arabic dialects.

3.2.5. The phoneme /j/ seems to have three allophones: a voiced velar (prevelar?) stop [g], a voiced mediopalatal affricate [j], and a voiced mediopalatal stop, slightly palatalized $[\dot{j}_y]$. These appear to occur in free variation.

The following examples were all elicited from the same speaker and the two variant pronunciations of 'cigarette' were uttered by this individual in consecutive sentences. Checking data from other speakers, much to my dismay, revealed the same, apparently random patterning. 18

[mgEsr] 'the bridge' [mjEras] 'the bell' [j_y Esr] 'bridge' [gUzar] 'carrot' [jUdUd] 'new pl.' [j_y Urḥu] 'a wound' [sigārah] 'cigarette' [sijārah] 'cigarette' [j_y āhalEh] 'children'

3.2.6. The phoneme /q/ is always realized as a voiceless postvelar stop. However, it is of some interest to note that, in a few lexical items, sounds that have been analyzed above as allophones of /j/ occur where the LA items from which they seem to derive have /q/. The fact that all of the items in question have /d/ somewhere in them may be significant but I believe it is necessary to elicit more data before making a definitive state-

¹⁷ E. ROSSI: Nuove osservazioni sui dialetti del Yemen. RSO 17 (1938) 460-72. Also DIEM ibid. 66 and cf. INGHAM ibid. 274.

¹⁸ The analysis of a similar problem for the dialect of Mecca by INGHAM ibid. 277, is not suitable for CT. On a related note I would comment that the data from CT and other Peninsular dialects seems to corroborate BLANC's conclusion regarding the pronunciation of /j/ in Old Arabic as stated in The Fronting of Semitic G and the Qāl-Gāl Dialect Split in Arabic. In: Proceedings of the International Conference on Semitic Studies. Jerusalem 1969, 7-37, and refute A. S. KAYE: Arabic /žiim/: A Synchronic and Diachronic Study. Linguistics 79 (1972) 31-72, and W. COWAN: A Reconstruction of Proto-Colloquial Arabic. Cornell Univ. Ph. D. Thesis, 1960. It should be noted that KAYE's "Yemenite (other)" data, ibid. 64, is unattested in DIEM's extensive research on the Yemeni dialects cited in n.2. It may be assumed that the former is relying on LANDBERG's data, which he cites on pp.39f. of his article, which in turn raises the issue of the consideration of the dialect(s?) of the Ḥaḍramawt and/or Pofār among the Yemeni dialects.

ment. The examples below are all the occurrances of this phenomenon which appeared in the thirty hours of elicitations.

This phenomenon, $*/q/ \rightarrow /j/$, seems to be limited to these and perhaps a few other items not elicited which form a closed class. ¹⁹

3.3. The phonological rules of the dialect permit initial consonant clusters. An apparent result is that the epenthetic / 2v -/, where "v" stands for any vowel, was not observed in CT as it is in LA or Cairene Arabic imperatives, e.g.

LA Cairene CT

/?ijlis/
$$\rightarrow$$
 /?iglis/ $[j_y 1Is]$ 'sit down'

/?uktub/ \rightarrow /?iktib/ [ktUb] 'write'

4. Morphology

- 4.0. The feature mentioned in 3.2.1. as attesting the antiquity of CT, the definite article m-, is quite well documented. Among Yamanis it is commonly attributed to Himyaritic, the extinct language that was widely spoken in the area even after the advent of Islam, but its true history remains uncertain. In any case, this phenomenon is still heard regularly in CT though, as might be expected, it is the very first feature to change to the "standard form", i.e. the article based upon l-, when the social situation requires such a change.
- 19 This statement seems to be corroborated by observations of JOHNSTONE ibid. 4 n.13, referring to RABIN ibid. 55. Also, by his total silence on this alteration in his detailed study The Affrication of Kāf and Qāf in the Arabic Dialects of the Arabian Peninsula. JSS 8 (1963) 210-226, JOHNSTONE seems to imply that this unconditioned variation requires an independent historical analysis. INGHAM ibid. 277, in his synchronic analysis of Meccan /j/ has either chosen not to address the issue or missed the point by listing the word for 'parts', which he transcribes [?ndzsn:m], i.e., [?ajysām] in the present transcription, merely as an example of the particular allophone, and does not even allude to the fact that this item is the dialectal reflex of LA /?aqsām/.
- 20 See RABIN ibid. 34-37.

4.0.1. During the entire course of the research I did not encounter a single conversation in which the m-article was used exclusively, and this seems to be the practice among CT speakers in all domains of usage. As might be expected, R speakers use it more regularly than U speakers. The typical case is that the m-article would be interchanged, apparently randomly, with the appropriate $\S ams \overline{\imath}$ or $qamar \overline{\imath}$ form of the l-article, e.g.

[fiyān ruḥtIlyōm²² ruḥtEmxabt] 'Where did you go today, did you got to the desert?' (U)

[mšanṭah dahi bēnEmrukn] 'The suitcase, that's it in the corner.' (U)

[whi ʔatan lamməmbāb yaʔni '... and she came as far as the door, lbāb haggEmbayt] that is, the door of the house.' (R)

- 4.0.2. In CT, in the cases where the l-article occurs, the sounds that are subject to the \S{ams} gemination are the same as in LA. Unlike LA, however, in which the \S{ams} process requires that all consonants homorganic with [1], i.e., the alveolars, are geminated, the CT m-article does not undergo this progressive assimilation with homorganic consonants, see the last of the examples in 4.0.1. and also the $h{ad}$ quoted in 1.1. above. $h{ad}$
- 4.1. The paradigms listed by DIEM in his section on the "Küstenebene" dialect, which seems to be identical with what I am calling CT, contain several discrepancies with my data. This may be due to the fact that his informants, identified as hailing "... aus der Gegend von Bāğil ..." 24 which is on the very eastern edge of the dialect area as indicated in the map, may have come from an area whose dialect shows features that are different from CT. Also to be considered is the fact that he further describes them as "zwei Gewährsmänner(n) ..., die ich in der Gegend von Hamir kennenlernte." 25
- 4.1.1. One discrepancy is the systematic appearance in DIEM's data of separate masculine and feminine forms in the second and third person plurals of verb paradigms, which were never produced by any of my informants. The same may be said for the same phenomenon in the pronoun paradigms.

This feature is well documented, though, for other Yamani dialects,

²² Though both [ly \bar{o} m] and the name of the country, [lyaman], were always rendered with the l-article, the item [my \bar{a} bis] 'the dry...' indicates that the m-article does appear before [y].

²³ See the discussion in RABIN ibid. 36.

²⁴ DIEM ibid. 65.

²⁵ ibid. This town is located in the heart of the central highlands on the road between $\$an\\bar{a} and \$a\$dah.

especially in mountain areas. Since $B\bar{a}jil$ is situated fairly close to the foothills and, furthermore, since the Hamir dialect exhibits this distinction, 26 it is quite possible that the men DIEM interviewed were either from an area outside the CT region or that they were influenced by the linguistic environment in which they were interviewed.

4.2. The independent personal pronouns as extracted from the data supplied by my informants are:

m.	² ana	
''(f.	?ani	ḩna
2.{m. f.	nta	ntun
	ntin	
3.{ ^m .	huwa	hun
	hiya	

- 4.2.1. There are several variances with DIEM's data here. One, the common forms in the 2nd and 3rd plurals, has been discussed in 4.1.1. A second point, the forms with initial consonant clusters, follows the rule in the dialect mentioned in 3.3., though this could also be the result of the point in 4.1.1.
 - 4.3. The bound object pronouns are:

$$1.\begin{cases} m. & -na \\ f. & -ni \end{cases}$$

$$-ahna$$

$$2.\begin{cases} m. & -(a)k \\ f. & -(i)k \end{cases}$$

$$3.\begin{cases} m. & -ah \\ f. & -(a)ha \end{cases}$$

- 4.3.1. Noteworthy are the singular first-person forms which parallel the situation in the independent pronouns. The first-person plural, though mentioned by DIEM, is transcribed in his book as "darab 'iḥna" (Ṣarab 'iḥna in my transcription), which gives the impression that he perceives this sequence as two separate words. I am unable to explain this, but I am quite certain that this form must be analyzed as a bound morpheme.
- 4.4. The paradigm of the most common verb in the dialect meaning 'to arrive, to come' (given here as in U) is:

	Perfe	ect	Imperfect	
1.	?atēt	?atēna	?ēti	nºēti
2.{ ^m . f.	?atēt ?atētin	?atētun	t?ēti t?ētin	tºētun
3.{m.	?ata ?atan	°atu	y?ēti t?ēti	y ? ētun

4.4.1. The imperative forms are:

m. ?ēt f. ?ēti pl. ?ētu

4.5. The most common lexical item for expressing "simple desire", e.g. English "I want" or "I'd like" is with an Imperfect form of the verb * $\check{s}a/y\check{s}a$. I have used the asterisk in this case to indicate that I did not encounter a Perfect form of this verb; hence, the form * $\check{s}a$ is hypothetical. ²⁸

4.5.1. The paradigm attested for this verb is:

1.
$$2a\check{s}a$$
 $n\check{s}a$

2.
$$\begin{cases} m. & t\check{s}a \\ f. & t\check{s}in \end{cases}$$

3.
$$\begin{cases} m. & y\check{s}a \\ f. & t\check{s}a \end{cases}$$

4.
$$\begin{cases} y\check{s}a \\ f. & t\check{s}a \end{cases}$$

- 4.6. Among the thirty or so hours of tape recorded, three separate particles appeared, all of them prefixed to the "Imperfect" form of verbs, which indicate "future action". One of these, h-, was quite infrequent and, I believe, may be directly attributed to the influence of Egyptian Arabic.
- 4.6.1. The other two forms, \check{s} and h-, of which the former was more frequent, may be related to regional intra-dialectal differences, but this is not yet clear.
- 4.7. One of the more remarkable features of CT seems to be a residue of the LA "case" system. This occurs in the form of a suffix, -u, which appears with indefinite nominal measures (excluding $^2af^2al$ patterns, i.e., adjectives of comparison and colors), that do not have an /a/ or $/\bar{a}/$ in their ultimate syllables.

²⁸ When specifically questioned about "a desire in the past" an informant (U) gave me the following: [kunt ?ašE š?ētīlak Ettāmis wlakIn m?i ?amalu] 'I wanted to come to you yesterday but I had work (to do)'.

Unlike the LA "case" system, though, this form does not alter regardless of the syntactic relationship the item in question enters into, i.e., it does not change to /i/ and /a/ as in LA, e.g., [štUktUb kitābu] 'Will you write a book?'. From the foregoing example it may also be seen that this -u occurs in utterance-final position.

4.7.1. A variant of this phenomenon is the other feature mentioned in 3.1.3. which seems to identify the dialect of the Wādi Mawr area as a regional sub-dialect of CT. In this area this suffix has the form -un, identical to that of standard Arabic but, again, invariable. Citing the same sentence from which the analysis in 3.1.3. was made, the general CT rendering is [2ana bāiku msōq] while in Wādi Mawr the pronunciation is [2ana bēkUn əmsōq] 'I am going to the market' (said before the noon prayer).

²⁹ This phenomenon surfaces in the book by A.H. ŠARAFADDĪN: Lahaǧāt al-Yaman qadīman wa-ḥadītan. Cairo 1970, 111, and the author's lack of analysis seems to have led to DIEM's uncertainty in Skizzen 67 n.3. I am still confused by the former's transcription of what I believe to be [bēkUn] as بایکن , though it could also represent yet another variation *[bāikUn] which I did not encounter.

³⁰ The phrase used after the noon prayer in CT is ['ana nāširu msoq] and in Wādi Mawr ['ana nāširun əmsoq].