

The Bakhtiaris: an anthropological-linguistic lexical study of Haft Lang nomads of southwestern Iran Zolfaghari, S.

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Bazoft, on Autumn migration route, October 2007

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To my mothers:

IRAN, my archetype of persistence and hope Maryam, my prototype of dedication and love

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ABBREVIATIONS

1 first person
2 second person
3 third person
ADJ adjective
ADV adverb

ATTR attributive adjective suffix (-i, -in)

BP bound pronoun
CAUS causative
CLASS classifier

COMPR comparative suffix (-tær)

COP copula DEF definite

DEM demonstrative

DIST distal

DIR directional DUR durative

E epenthetic phoneme EMPH emphatic pronoun

EZ Ezafe
GER gerund
IMP imperative
IND indicative
INDF indefinite
INTER interrogative
IPFV imperfect

NCL number classifier (-ta)

NEG negation

OM direct object marker

OP optative **PASS** passive PLplural **PRF** perfect **PROG** progressive **PROX** proximal PRS present PRV preverb **PST** past **PTCP** participle

PTCP participle SBJV subjunctive SG singular

. 1.syllable boundary (Phonology)

2. several metalanguage elements (combines glosses for

two morphemes)

stress
meaning
changes to

bold emphasis; phonemes (Phonology section)

italics phonological representation

ø zero/ null morpheme

// phonological transcription

/ or

enclitic boundarymorpheme boundary

PREFACE

When I was six years old, my father took us from Ahvāz, where we lived in an NIOC1 complex, to Masjed Soleiman, to visit his younger brother for the first time after some seventeen years. It was a reconciliation meeting and many family members and relatives were gathered together to celebrate this happy occasion in my father's sister's house. There, for the first time, I saw several cousins that I didn't know even existed. At that time, I was my father's youngest child and the only daughter and as such the center of attention for all who had not seen my father's family for several years. I noticed that almost all of them would address me as /dor šæh/ while caressing or kissing me. I knew that dor means 'girl', and, considering my father's highly respected position in his big extended family, I figured that /sœh/, as I had learned in my first school year Persian book, should mean 'king', therefore I am for them a princess! I was immensely content with the way they received me, up to the moment that I overheard my mother's complain to dad that they could address her little daughter better than 'the black girl'! What? So šæh is not šah in Persian but sia 'black'? I can still remember my disappointment and I guess I even got some watery eyes being teased for my dark brown skin tone, which was so much adored by my own parents. This is the first linguistic contemplation and cultural shock that I can remember.

After that family reunion, my father decided to take his 16 year-old niece, Massume, to Ahvāz to live with us. Massume became paralyzed in one leg due to polio when she was very young. My father's persistence to get the consent of Massume's father to hospitalize her in England with the help of a British colleague, had been all in vain, mainly because according to her Bakhtiari father: "Death in one's own country is better than wandering in an unfamiliar and pagan land". My father was still very sad and wanted to do something for her, which is why he decided to put her to school in Ahvāz. She was very caring and nice to all of us children and in her free time she would help mom in her daily chores while dad was away on his geological duty trips for the NIOC oil exploration section. Massume was a bit shy to speak in broken Persian and vulnerable to teasing because of her physical condition. I loved her so much and wanted her to feel more at home, so, I decided to start talking like her. In this way, she became my first Bakhtiari teacher. Everybody at home liked and adored my imitation of the Bakhtiari language and gestures, and so I became even more encouraged to learn from Massume and amuse the whole family. Later, when we would go to family visits or picnics in the nomadic areas, I could communicate more with the kids and every time I would come back home with a better command of Bakhtiari.

^{1.} National Iranian Oil Company.

In 1980, when the Iran-Iraq war broke out just a day before the start of the school year and on my 13th birthday, my father who could not leave his work, took us one night to Masjed Soleiman which was farther away from the Iran-Iraq border, to stay with his brother's family for a while until the war ended. Just two days later we saw and suffered the deafening sound of the Iraqi French Mirages and Russian MiGs over the sky of Masjed Soleiman. As children we were both terrified and excited to see fragments of their bombs in the yard among the broken window glasses and discarded pieces of furniture. It was not safe there any longer, so my uncle decided to take us with his family to a village in the countryside of Masjed Soleiman to be at least protected by surrounding mountains. There, I had one of the most adventurous and happy times of my life and my first anthropological experiences! My mother, although a Bakhtiari herself and even from a more prestigious tribe than my father's, had always been considered an outsider by my father's family. Her sister-in-law even used to call her an azærbayejuni 'an Azerbaijani²' to express her discontent of her brother's choice of marriage from a faraway city and not choosing a girl of his own blood. Mom had always been a city girl, with a comfortable life in her loving father's house. She was a bit spoiled for her new situation, finding herself in the middle of nowhere with overwhelming stress and worries for her husband and two older sons working in the war zone. I remember her trying her best to be as active and tough as other Bakhtiari women around her to make a deserted cottage and pen clean and comfortable enough for us spoiled urban kids. But my youngest brother and I, as curious and restless as we were, could not relate to our parents' hardships and could not help exploring our new environment and learning and adopting the survival skills from village kids.

We would run to the springs to fetch water in whatever container that Mom could provide us with and get absolutely wet and drenched when back at the camp. Then we should go and wander around hills to collect sticks and dried branches for firewood, receiving instructions by local kids about which one is good and dried enough and which one would be too smoky. In this way, we would build up a lot of new vocabulary for which we didn't even know the Persian equivalents. I particularly remember that one day we were sent to pick up animal dung and droppings, which locally was the first and major fuel. I learned, reluctantly, how to examine them to see if they were dry enough to prevent the risk of having hands or feet covered with excrement. At that occasion I both learned the different terminology of the whole variety of animal droppings and developed the skill to distinguish a dried dung from a wet one by looking for a trail of ants underneath it which was an almost certain sign that the targeted treasure is dry and ready to be taken away by ants to their home. Then we needed to develop a skill how to combat the very big, yellow and at times even flying ants over dung and to escape their bites. The next skill was how to pile our collected treasures up in a huge gunnysack and carry them along to the camp. There we learned special knots, the names of different kinds of ropes and the verbs for different modes of fastening a load.

^{2.} In the past, to a Bakhtiari, Azarbaijan was the farthest distance, both culturally and geographically, that a person could think of.

I clearly remember when for the first time in my life I truly enjoyed the taste of freshly baked bread. One day after dung hunting and water fetching we arrived at the camp and saw my mom and aunt Huri baking Tiri bread³. I didn't like to eat bread or rice and similar belly filling food, and used to eat only fresh fruits and well cooked meat. But there, we were not in a place to complain about food or ask for sweets or other goodies. When back from the mountains, my mom rolled one whole Tiri bread and gave it to me. I devoured it as if I was eating the most delicious cake in the world.

After two weeks of fun and hardship in the mountains, our parents came to the realization that apparently the war was not going to stop in the near future and that they had to think of a substantial solution for our schooling. They finally decided to take us to Tehran to live with my mom's family at least during the running school year.

There, in my last year of the secondary school, I had my second major linguistic awareness and cultural shock. The primary language spoken in my family was Persian or, to be more specific, the *jonubi* or southern variety⁴ of Persian. Through my new classmates' mild teasing, I realized that I have a very high-pitched intonation at the end of my interrogative sentences which always made them laugh. Then there were times of misunderstanding because, to their surprise, I had other words in my lexicon for several objects: *cop* instead of *fenjun* for 'cup'; *gilas* instead of *livan* 'glass'; *tæmate* instead of *goje færængi* 'tomato'⁵, etc. As a *jæng zæde*⁶ child I was vulnerable to teasing and being bullied, but my very good grades after the first round of exams made me popular as a very clever new student that became the top student despite being away from the school for the first two months of the school year. This gave me the opportunity to be more accepted in their Tehrani circle and I got the chance to quickly adopt their intonation, vocabulary and other sociolinguistic behavior of a Tehrani teenager.

These first encounters with other languages and cultures sparkled my interest in learning and studying languages; hence, I did a B.A. in English literature. Later in 1996, as an M.A. student in General Linguistics, I had no doubt that I wanted to study Bakhtiari from a sociolinguistic point of view. This study was the first of its kind in Iran, according to my supervisors, mainly because doing linguistic research in a non-structuralist way and coming from a social perspective was not a very

^{3.} See 2.6 below.

^{4.} *jonubi*, in Iranian society, refers to all the people and varieties of languages along the Persian Gulf to the western border of the country, including the variety spoken in Ahvāz, where I grew up. But from a linguistic point of view, this area has very diverse linguistic communities consisting of several distinct languages. The variety spoken in the province of Khuzestān and especially spoken in Ahvāz, the center of the province, and Ābādān, one of the major cities of the area, has mainly phonetic differences and of course there are words and expressions and some sociolinguistic characteristic specific to that area and at times not fully comprehensible for other Persian speakers.

^{5.} These and many other words are all English loans that exist in many southern varieties in Persian. See also 2.3 and appendix 1 below.

^{6.} War-struck.

prevalent tendency among Iranian academics of the time. I surveyed the practical status of the language in Masjed Soleimān. The title of my thesis was "Bakhtiari Language, Maintenance or Shift?", and I found it useful to include some parts of it and its results in section 2.4 of the present research.

My fieldwork research during 1995-1997 was the beginning of my close encounter with the nomads' harsh way of life and their social and administrative problems. To respond to their plea for my help, I have been immersed in a marathon of humanitarian activities, which continues to the present. This has obviously affected my academic interests. During the last eight years of living, migrating, planting, and fighting with governmental organizations for the rights of Bakhtiari nomads over their hereditary land and pastures. I have acquired a very deep knowledge of the nomad's culture and lexicon. I became very much interested in anthropology, and started working with Iranian sociologists and anthropologists to discuss the nomads' situation and issues, and strove to help them to have better education, a mobile library, training courses and the like.

Meanwhile, I started my second M.A. in Old Iranian Languages and Cultures at Tehran University. Fascinated by the archaic treasury of Bakhtiari language and culture, I decided to write my thesis, again, on Bakhtiari, and this time to include my new experiences and data in the work. I chose the field of Anthropological Linguistics and started working on "An Anthropological Survey of Bakhtiari Vocabulary, in comparison with Middle Persian". I worked two whole years on the subject, gathered lots of data including many pictures and videos, attended several summer schools in Leiden and a conference and workshop in Germany (Hamburg and Kiel) in 2007, which focused on documenting Iranian languages. I tried to equip myself with the latest technology and techniques such as Toolbox, ELAN, PRAAT among others, and with Iranian linguistics in general. However, for personal reasons I decided not to defend my almost complete thesis in Tehran. I moved to The Netherlands to continue and pursue my education and research on Bakhtiari, which I now consider to be my academic mission in life.

SECTION ONE LEXICON

CHAPTER ONE INTRODUCTION

1 INTRODUCTION

The Bakhtiari language has both synchronic and diachronic importance for the study of the Indo-European languages in general and the Iranian languages in Particular. With the exception of Persian, there is no comprehensive description of any southern or southwestern Modern Iranian language. Therefore, a precise description of Bakhtiari by a researcher who combines linguistic schooling with the quality of being a semi-native speaker may be expected to provide a reliable model for future descriptions of other languages in the same continuum.⁷

Historically, Bakhtiari is a descendant of Middle Persian (300 BC– 900 AD) as it was spoken in southwestern Iran, a language that we know fairly well from written sources such as royal inscriptions and legal and religious writings. Bakhtiari still preserves some structures and words which have been lost in the Standard Modern Persian (See 2.3 below). Therefore, the documentation of present-day Bakhtiari, especially in its original usage as a language of (semi-) nomadic people, will yield interesting data for future scholars with historical and/or anthropological linguistic interests.

Having all these concerns in mind, I have designed and focused my study on the morphosyntax and vocabulary of that branch of the Bakhtiari language and culture with which I have more affinity, i.e. the Hamule tribe of the Haft Lang confederation (See 2.2.5 below).

The very few previous efforts that have been made are valuable but they have not managed to avoid all of the pitfalls caused by the unfamiliarity of researchers with some very delicate but critical cultural issues. Besides, the richness of the language and its varieties make it a very valuable historical and structural source for Iranian and Indo-European linguistics at large, and it would be a loss not to provide a solid analysis and description of Bakhtiari before it is too late.

As mentioned above, very little has been done on Bakhtiari so far. The Bakhtiari people and their history came to the attention of western scholars when the probable existence of oil fields in their territory was first reported by military authorities in the beginning of the nineteenth century and again in the early twentieth century. An overview of Bakhtiaris and their involvement in the discovery of oil in Iran (1906-

^{7.} In the course of writing my research two scientific works on the subject were produced: Erik Anonby's book on the phonology of Bakhtiari (2014) and Mohsen Farsani's dissertation (2011) on Bakhtiari vocabulary, both of which will be discussed below in the section on the review of the literature.

09) is provided in the introductory section of the present research (See 2.1 below).

As for the anthropological studies related to the Iranian nomads and their history, a tide of new research on this subject began in the late fifties and sixties. The content of the sparse sources before this new tide can be summarized in Topper's words as below:

Sources for the history of tribes in Iran are mostly written from a distance by outsiders viewing the tribes with hostility or some other bias. They usually concern such matters as taxation, military levies, disturbances and measures taken to quell them, and more or less inaccurate lists of major tribal groups, numbers and leaders. They rarely deal specifically or in reliable detail with the basic social and economic organization of tribal communities; and they mention individual tribes only when prominent in supporting or opposing government, when involved in inter-tribal disorders, or when transported from one region to another (Tapper 1977: 10).

Since the mid-twentieth century, several Iranian and non-Iranian scholars have done decades of research on different peoples and produced monographs, the most notable ones being: Fredrik Barth (1961), Afshar Naderi (1968); Tapper (1975); Lois Beck (1986; 1991); Erika Freidl (1991; 1997); Shahshani (1987); Amanollahi (1991). Specifically on Bakhtiari, see Jean-Pierre Digard (1981; 1982; 1987; 1988; 1989; 2015). These works are anthropological studies in the broad sense with no or little focus on the linguistic aspects of their subject.

Therefore, to study an Iranian ethnic group from an anthropological linguistic point of view seemed both necessary and at the same time challenging due to the lack of any previous models to follow. This is especially true in case of studies such as the third chapter of the present research, where various semantic domains are explored to open a window to the mind and the world view of the nomads. There are a few studies on other Iranian communities' kinship terms (Gheitury et al. 2010) and body parts (Abasi 2012), but a study which includes several different semantic fields of a language and studies them from an anthropological point of view was missing. Most importantly, to my knowledge, the study of bio-taxonomy of the contemporary Iranian peoples is non-existent (See 3.2 below).

In the following paragraphs, I will give a very short review of the previous linguistic studies on Bakhtiari in Persian and in other languages.

1.2 PREVIOUS RESEARCH

The major Persian work on the Bakhtiari language is called Vazhe nāme-ye Zabān-e Bakhtiāri, which is a Bakhtiari-Persian dictionary by Zohrab Maddadi (1375/1996). Maddadi is a retired literature teacher who has spent decades to collect as many Bakhtiari words as he could; he is still continuing this work (See 2.5, # 7 below). The dictionary was published in 1996 and it has been my main reference book since the beginning of my research on Bakhtiari in the late 1990s. The second edition has come out in 2013. The first edition of the book has 278 pages that contains around 4000 entries. The second edition has 327 pages, therefore contains more vocabulary, but with a minimal substantial difference from the first edition. In other words, the revision was limited to adding more entries but did not include more explanations of the previously understudied terms, especially words related to flora and fauna. As will be explained later, when it comes to botanical terminologies, in numerous cases the definition is limited to 'a kind of plant'. This shortcoming has unfortunately not been resolved in the second edition. Furthermore, the appendix of the first edition which represents some additional vocabularies was kept unchanged without an effort to include the words in the body of the book. Maddadi has also published an article entitled "On Bakhtiari Verbs" (1373/1995), which is a very general discussion of the subject but left many related issues untouched. I personally know Maddadi; he is ever so generous, and is always ready to share his data with me and with other scholars (see 2.5.7. below).

Apart from Maddadi's work, several books have been published by Bakhtiari poets and writers among others, but they only contain fragmentary pieces of information. None of them has a scientific character. Some of these works are duly mentioned in relevant discussions of the present research and in the bibliography.

In addition, there exists a small number of M.A. theses such as Ghasemi (1385/2007), and a few PhD dissertations on the Bakhtiari language from different universities of Iran, such as Taheri (1385/2007) but they usually consider only one particular linguistic characteristic of the language, for instance, "Noun Phrases in Bakhtiari". To my knowledge none of the works published by Iranian scholars to this day constitutes a comprehensive description of the language or one of its varieties.

In the same manner, when it comes to discussions on the history, geography or the ethnography of the people, all of the existing works, local or international, tend to repeat each other in many respects and this is exactly what I have tried to avoid in the present research. In all the above mentioned discussions, I have tried to apply a very critical approach, challenging the mainstream notions and providing a fresh view on each subject based on more than two decades of first-hand observatory participation in the field and on a thorough study of almost all the existing sources on the subject.

A number of non-Iranian scholars have written on the Bakhtiari language, with different intentions. Major D.L.R. Lorimer's book, *The Phonology of Bakhtiari, Badakhshani, and Madaglashti Dialects of Modern Persian* (1922) is an important and informative account of the language, which tries to give a precise phonological description and a reasonable corpus of vocabulary. However, it was written not by a linguist, but by a military man with an admirable analytical mind and a good command of different research disciplines. The main reason for giving his description, however, was geopolitical, rather than scientific. This becomes obvious in the introduction of the book, where he tries to describe the main characteristics of the Bakhtiari people for his fellow military colleagues, using a very authoritative tone and judging their behavior according to his own observation as an outsider and not according to unbiased descriptive and realistic anthropological methods and approaches. To illustrate this point more vividly two fragments of his introductory words are presented here:

The Bakhtiārī has more of Rob Roy perhaps than of the shepherd in him, and his natural pastimes, when left to pursue his own courses, are rather raiding and robbery than poetic reflection or philosophic meditation...

The Bakhtiārī, whose ruling vice in his own humble sphere is that of all Persians -greed of money and of possession - does not merely envy and grieve at the good of his neighbor; he tries to transfer it to himself (Lorimer1922: 5-6).

Lorimer's book is still very valuable, showing the state of the language almost a century ago, but the data need to be updated. Also, as with other non-native scholars, his data show occasional errors and discrepancies which may be the result of being misled by his informants. One reason for the discrepancies of his data, which are most apparent in his collection of poetry, can be explained by the arrangement of his informants. From his notes we understand that he has collected his data from his troops in southern Persia, and that he took down the poetry in Kerman, where he acted as the vice-consul of Great Britain. One can imagine that the soldiers were asked to recite some Bakhtiari verses, and that they, under the authoritative pressure of their commander would sing whatever would come to their mind. This may explain why we find a verse from a wedding song next to a line from a lamentation in the collection. In 2014, I consulted Lorimer's manuscripts in SOAS. The ample size of the collection and his precision in the tedious preparation of the transcription and the translation of his data, left me with a sense of wonder and admiration. Despite the valuable efforts of Fereydun Vahman and Garnik Asatrian in publishing two volumes of Lorimer's data (1987 and 1995), I believe that his manuscripts contain much more precious socio-historical information to be discovered by future scholarly research.

G.L. Windfuhr in his article "The Bakhtiari Dialect" in *Encyclopaedia Iranica* (1988), has tried to cover all major linguistic aspects of the language and compare them with other West Iranian languages including Modern Persian. This article is very informative, as is to be expected from a major scholar, and it provides many useful insights on the subject. It seems, however, that his main informants had Luri origins, because he always tries to compare Bakhtiari with other Luri or Kurdish dialects of the region. In other words, he uses Luri as the criterion to measure Bakhtiari deviation from the norms of West Iranian languages. This, I think, may lead the researcher to ignore or misinterpret some unique characteristics of Bakhtiari simply as deviations.

Pierre Lecoq (1989), in *Compendium Linguarum Iranicarum* gives a very general overview of all West Iranian languages. This article, "Les dialects du sud-ouest de l'Iran", is also very valuable and informative. It has a comparative approach and summarizes the major linguistic similarities of the southwestern language varieties, although some of the Bakhtiari examples are not precise or correct, such as *nift* instead of *noft* 'nose' (Lecoq 1989: 345).

A comparative work, "Update on Luri: How Many Languages?" (2003), has been done by Erik John Anonby in Leiden. In this work Anonby has established the existence of three separate languages in the Luri continuum: Luristāni, Bakhtiāri and Southern Luri in the western, southwestern and southern regions of Iran. In his survey, which distinguishes a variety of languages spoken in the region, he comes across Bakhtiari surrounded by two Luri variants, but he concludes that although there are many similarities between the languages, a line should be drawn to separate Bakhtiari from Luri and Persian. I have presented my view on this subject in the introductory section of the present research (See 2.3 below). Anonby's work is focused on the phonological aspects of these languages and has some brief accounts of the morphology and other linguistic aspects of Luri languages. His work also includes several useful wordlists of Bakhtiari and some varieties of Luri for comparative purposes. Some of the Bakhtiari data, unfortunately, are not precisely recorded. In 2014, Anonby's latest book on Bakhtiari, entitled: *Bakhtiari Studies*, Phonology, Text, Lexicon was published. This work focuses on the phonology of Bakhtiari which constitutes the major part of the book. I found sections 2.5 Prosodic phenomena and 2.6 Morphophonemic processes particularly interesting and informative. Unfortunately the book was published after I had written my part on phonology, otherwise I could have incorporated its analysis into my own data. In several parts of the present work, however, Anonby's point of view is added, either as a footnote or in the related discussions. Anonby (2014) has also included a glossed and translated text which is very helpful to get an overview of the syntax of the language. The accompanying grammatical guide and vocabulary are also very practical, both to read and to understand the text and also to become more famil-

^{8.} Some of these words are items 13, 19, 87, 126, 129, 135, 144 and 147, as some examples of the above mentioned inaccuracy.

iar with the language. There are, however, some phonological and morphological points about which we have different opinions, some of them are mentioned in the body of the present work in the relative sections.

Mohsen Farsani's PhD dissertation *Étude Lexicologique de la Langue Bakhtiari D'Iran* was apparently designed to cover all the grammatical aspects of the language plus a thorough study of its lexicon. The four chapters of the research contain, accordingly, discussions on the phonology, morphology, the syntax, as well as different sematic fields of the language. When I heard about this research back in 2011, I made many efforts to contact him and to get hold of a copy of his work, but all my attempts failed. I meant to incorporate his data or methodology into my study to reach to a more comprehensive study of the language. I finally received a copy of this work by the generous help of Johnny Cheung, but only in April 2017 when I was completing the last editing of my book. Since I did not have the chance to refer to his work during the process of writing my research, unlike the previous works mentioned in this section, I try to give it a fair share of attention in the following paragraphs.

I found Farsani's work valuable in the sense that he has covered many semantic domains in a comparative approach, unlike my research, and for many words and terms he has succeeded to provide Old and Middle Iranian cognates as well as cognates from other modern Iranian languages. The French translation of the Bakhtiari words is also an added value for this field of research. He has also covered domains that are missing in the present research, such as his section 8: Traditional Bakhtiari Music (pp. 334-338); section 9: Ceremonies (pp. 339-372); section 10: Astronomy (pp. 372-379); section 11: Personal objects of Men and Women (p. 379); section 12: Words related to professions (p. 381-389) and the last section of his lexicon part, section 13: The trivial language and insults (p. 389-395). In the final chapter of his dissertation (chapter IV) Farsani has included two folk tales, transcribed but not glossed, followed by their French translations. These tales are not specifically Bakhtiari, but they are popular among several peoples residing along the Zagros mountains.

The downside of Farsani's work is, however, the anecdotal and at times highly chaotic nature of his presentation. The introductory part of the work is a repetition of previous sources or simply renders his informants' words verbatim. There exist multiple grammatical inaccuracies. Farsani is not a native speaker of Bakhtiari, and this may explain part of the discrepancies of the data. As for his lexicographic chapter, the lack of an obvious theoretical framework in presenting the lexicon makes it chaotic and at times it is very confusing because the same term is represented in different lists with no explanation for the change in their meanings. 10

^{9.} In page 3 of the thesis he explains his orientation with Bakhtiari thus: "I have been able to conduct this study because for years our family have lived alongside the bakhtiari people and I have experienced conversations and meetings with storytellers and poets who keep the language alive and allow us to preserve and study their language."

^{10.} Some examples are presented here. I should mention that in the version that I have received the pages are numbered only up to the page 157, therefore, here I can only refer to the sections instead

In general, although Farsani has made a tremendous effort to cover as many semantic fields as possible, his discussions of the fields remain superficial with diverse discrepancies in their presentation. I hope that many of the above mentioned problems will be resolved in his published version, if there exists one.

Going through all the previous efforts on describing different aspects of Bakhtiari, it still remains a fact that this language has unfortunately not yet received consistent scholarly attention. Therefore, the lack of a good account of this lesser known language is sorely missing.

1.3 METHOD OF THE RESEARCH

In order to be able to provide a coherent description and avoid discrepancies and vagueness, I will focus on the speech of the Hamule tribe of the Bakhtiari, to which I belong. The Bakhtiaris are split into two main confederations: Haft Lang and Chahar Lang, Hamule being a subdivision of the Haft Lang confederation. A detailed description of this special social structure is given in the section 2.2 below.

By pursuing this method, I will provide a detailed description of the Hamule variant, which, with minor changes that are to be indicated, will also be valid for other branches of the Haft Lang confederation. My description will further include many aspects of the Bakhtiari language in general, i.e. both Haft Lang and Chahar Lang variants, but will leave the minor differences, especially those of a phonological nature, for a later consideration.

I have gathered my data mostly by means of fieldwork, partly also by library research. Most of the linguistic fieldwork has been carried out during two decades of working and living with nomads as explained in more detail in the preface. Throughout this prolonged interaction, I have also gathered a great deal of audio-visual data.

I am privileged by having some well-qualified consultants at my disposal. In other words, I was able to contact my relatives back home through telephone and

of the exact page numbers.: alaf 'herbe' is presented in section 2. L'Agriculture and again in 2.1.2. Moisson et la Récolte as 'pâture, herbe' followed by a saying including the word alaf (mes alaf xers xarj kerden (in Farsani's transcription)), translated in French as 'dépenserfollement, jeter l'argent par la fenêtre'. Sometimes the terms are misplaced, such as the term awza (æwzæ in my transcription see 3.2.1.1 below) which refers to a kind of sheep, in the middle compounds relating to irrigation and accordingly having the word aw 'water' as their first constituent. There are words that are not recorded correctly, such as melk instead of merk 'elbow' in section on body parts (1.2). Whether this is a typo or an error in recording the term, mistakes such as this are very grave in documenting a language because these words can be used as minimal pairs, in which melk means 'property, a piece of land'. In the same section which constitutes 132 body parts, several words and compounds are not genuinely Bakhtiari, but Persian; examples are: ostexunŋ-fak bâlâ 'Os maxilliaire', ostexunŋ tarqova 'Clavicule', gune 'joue' or sâq-e pâ 'jambe'. As can be seen from these last examples, throughout his work, Farsani is not consistent in presenting the Ezafe marker or other grammatical morphemes while discussing the lexicon.

internet to ask my questions or to clarify some data. I insist here on using the term "consultant" and not "informant", because my situation as a semi-native and local researcher makes this investigation more "participatory" than "observatory". Therefore, instead of interviewing or questioning the nomads, which tends to create unrealistic situations, I have always gathered my data in the midst of a natural, everyday conversation or discussion. Of course, there were times when I wanted to clarify a specific grammatical or semantic point in which case I would consult my more educated Bakhtiari relatives or consultants.

A very crucial and eye-opening experience for me was the participation in a seasonal migration on Autumn of 2007. It was at that time and during that week of constant walking and living with nomads that I came to the realization that the way they see and categorize the natural world around them is different from that of an urban person. This triggered my interest and laid basis for a a long and fascinating research the result of which can be seen in the section 3.2 of the present work.

At the end of this section I want to emphasize the importance of the new mobile applications for doing what I call virtual field work. While working in my office in Leiden, there were moments that I urgently needed to check, for example, the exact meaning or pragmatic aspect of a term. A very convenient way to do this in the quickest possible way is to text or audio message the question to a relative or young nomad, who are nowadays generally equipped with at least one android mobile phone in each household, and he or she will send back an audio file from an elder in the tribe in which you will receive all the necessary information as if you are sitting next to that elder under the black tent in the field and have a natural conversation. While writing the sections on fauna and flora, I used these applications, especially WhatsApp and Telegram, almost on a daily basis to check the minute details regarding my data by receiving audios and photos depicting a certain plant or the color or the shape of the horn of a certain domestic animal. I have used Facebook, as well, for checking some data with my urban consultants such as Maddadi. I could not use Facebook, Skype and video messaging to work with the nomads in the field, because the former is blocked in Iran and people can use it only by installing special proxies not available to everyone, and the latter is hard to use because high speed internet is not available everywhere, especially in the blind spots in the middle of the mountains. One other obstacle to use internet dependent applications is that generally people should buy internet bundles which are not always cheap and it can happen that in the middle of a conversation they run out of access to the internet and you should wait until they recharge their bundle. However, the perspective of using new public technologies for doing field work seems very exciting and promising.

1.4 THE ORGANISATION OF THE BOOK

This research is organized in two sections, six chapters and ten appendices.

Chapter one contains some introductory remarks on the reasons behind the choice of Bakhtiari for this research and the background studies, as well as some explanations over the methods that were employed to carry out this study. Some ideas for further research are also suggested in the last section of this chapter (See 1.5 below).

In chapter two the socio-historical background of the Bakhtiaris is critically reviewed by providing first hand observational and analytic facts that at times contradict the existing and mainstream notions on the subject. As an example, in section 2.2.2, a new etymology for *læng* is proposed. This word is a crucial term in Bakhtiari but its meaning is ambiguous. In the last two hundred years, a number of hypotheses on its meaning have been repeated without substantial revision. Here all the previous notions are reviewed critically and the proposed etymology incorporates the ideas and suggestions of some prominent contemporary linguists specialized in Iranian studies. At the end of chapter two, parts of my M.A thesis are included. Although it was carried out around two decades ago, it is considered to this day as a pioneer socio-linguistic study on a modern Iranian language, subsequently, several articles, M.A. theses and PhD theses have been written at the Iranian universities based on this model. ¹¹

Chapter three presents a novel study for an Iranian language, viz. a semantic study of the vocabulary from an anthropological viewpoint. For this research I had no previous model to follow, so it presented many challenges. The chapter contains two sections. In the first section the semantic fields of kinship terms (3.1.1) and body parts (3.1.3) are detailed studies based on existing theories of language universals and word categories. The second part of the chapter three is a new study of the Bakhtiari fauna and flora. It investigates the ways in which Bakhtiari nomads classify their natural surroundings (Ethno-taxonomy). The study of ethnic taxonomies, or as it is usually referred to, Ethno-biology, is relatively new, and to this day it has not received due attention among scholars working on the Iranian languages. Therefore, at the beginning of this chapter, this field of study is introduced very briefly and then several semantic fields of Bakhtiari are examined. The new findings are presented with tentative explanations that are rooted in the cultural history of the nomads.

Chapters four to six constitute the linguistic part of the study. In chapter four a brief introduction to the phonemic system of the present day Haftlang variety of Bakhtiari is provided. This chapter should be regarded as a guide to study the bulk

^{11.} Khademi (2003), Kazemi (2010), Taheri-Ardali (2015) to name just a few of the most recent of these researches.

^{12.} A study on color terms was designed to be included in this section, but due to the need for more fieldwork, the related data is presented as a table with some introductory explanation (Appendix 3).

of the words and sentences that are used throughout the book. For a more detailed study of the Bakhtiari phonology, the interested reader is encouraged to consult Anonby (2014).

In chapter five a thorough discussion of noun morphology is presented. All the different categories of nominal morphology are addressed, with detailed examples gathered through decades of research. Derivational morphology is not covered in the present volume; the relevant, extensive data must await a future opportunity to produce a more comprehensive description of the language.

Chapter six is a thorough description of Bakhtiari verbs. An attempt is made to categorize different verb classes using mainly synchronic data. In the description of the verbs, it was inevitable to resort to a historical explanation to deal with some minor grammatical issues.

It should be noted that chapters five and six are modelled on the traditional grammars of Persian and other Iranian languages. I chose not to depart from the centuries-old tradition of Persian grammar writing in the case of the Bakhtiari grammar, also in order to maintain comparability with other grammars of Iranian languages and dialects. Therefore, at times, it may seem that the description is not strictly from within the language, as in the case of introducing some forms of subjunctive verbs separately under a heading as Imperatives. However, the synchronic state of matters can at all times be seen by the reader.

The ten appendices contain word lists, the content of which are either partly (1, 9) or fully (3, 6, 7 and 10) discussed in the body of the research and they are represented as an appendix to be used as a quick vocabulary reference. Some other word lists 2, 4 and 5) have not been discussed in the book. These word lists, however, contain important data to be used in later anthropological or philological studies.

1.5 FURTHER RESEARCH

There are several other important areas that I wish to cover in later stages of my work. Generally speaking, each chapter of this research can be the subject of another PhD dissertation.

Derivational morphology and syntax of Bakhtiari are the two main subjects for future linguistic concern.

As for the lexicon section, the present data, especially the lists in the appendices, can be considered just as a raw material for diverse anthropological, semantic and philological studies in the future.

Comparative and typological works on other west Iranian languages and further on with other families of the Iranian languages is a necessity which hopefully will attract the attention of all the scholars in the field. The anthropological model presented in this work can be used to study other Iranian nomads and ethnic groups. This model can also be modified and developed to study the terminology and the word categories used by professional communities, such as the fishermen on The Persian Gulf or the Caspian sea, the date cultivators on the southern half of the country, or to study communities that are involved in the horse domestication and training in the northern and north eastern regions, such as the Turkmens. Although Iran is a very diverse country, geographically as well as ethnically, these studies do not have to be confined within the geographical borders of the Iranian communities, the results of which can be incorporated in the anthropological studies of a more international nature.

I hope, however, that this research, in its present shape and content, will contribute some significant and valuable data to the field of linguistics and philology in general and Iranian linguistics and anthropology in particular.

CHAPTER TWO SOCIO-CULTURAL BACKGROUND

2 THE BAKHTIARIS

Bakhtiari refers to both the language and the people who historically are the inhabitants of a region of approximately 75,000 km² in Southwest Iran on both sides of the Zagros mountain range. Their territory used to be called, χak -e baxtiari 'The Bakhtiari ground' or The Bakhtiari Country as depicted in the maps of some early western travelers or explorers of Iran, such as Sawyer¹³ (1890) and Layard (1846), among others, shown in Figure 1, below:

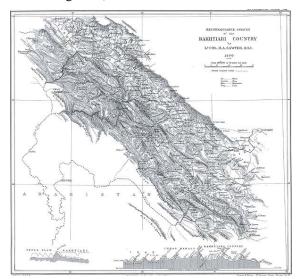


Figure 1: Old maps of the Bakhtiari Land (Sawyer 1890)

Map, 1890: Scale 1:1,000,000 or 16 miles to 1 inch. Reproduced here by the kind permission of Cyrus Alai, from his private collection.

^{13.} The following interesting information about this map can be found in the online gallery of SOAS (http://www.soas.ac.uk/gallery/bakhtiari-kuch/tribal-life/maps/):

Reconnaissance Survey of the Bakhtiari Country by Lieut Col HA Sawyer BSC. The details of this map were considered 'SECRET', as marked (in large red letters) on the two versions currently in the India Office papers in the British Library. The map shown here was presented at the Royal Geographical Society in 1894, and includes a specially drawn "freehand cross-section from the Persian Gulf to the Iranian plateau. In a general way it purports to show the several parallel ranges, rising step-like to the two highest ranges, which average between 12,000 and 13,000 feet each, and the valley between 7000 to 8000 feet. The space they enclose measures from 10 to 30 miles in width. The map was constructed using "an Indian plane-table, a six-inch theodolite, prismatic compass, six aneroids and six boiling point thermometers . . under the direction of Colonel Sawyer, by the Imam Sharif, KB, the well-known native Indian surveyor, who did most of the plane-tabling, and who persevered with his work, though he was twice on the point of being murdered, and was frequently robbed.".

At present, however, the majority of Bakhtiaris live in cities, towns and villages in five administrative provinces: Khuzestān; ¹⁴ Kohgiluyeh-o Boyer-Ahmad; Esfahān; Chahār Mahāl-o Bakhtiāri and Lorestān. A relatively recent map¹⁵ (figure 2) shows this area in more detail. The map presented in figure 3 shows my attempt to illustrate a more precise image regarding the distribution of Bakhtiari speaking population in present-day Iran. It is quite challenging to explore the internet or the existing published sources in the hope to find an exact map, illustrating the Bakhtiari area that has the consensus of all. It seems that the actual reason behind this confusion lies behind the opacity in the definition of Bakhtiari people who are usualy thought of as belonging to a bigger ethnic group known as Lors. In below paragraphs this issue is discussed in more detail presenting the existing maps and introducing a new map with more precision.

Bakhtiaris belong to the Twelver Shi'ite¹⁶ sect of Islam. According to Ethnologue,¹⁷ Bakhtiari was spoken by around 1 Million speakers in 2001, of which 35% were monolinguals. One third or one quarter of this one Million population, according to different sources,¹⁸ still follow the nomadic life style of their ancestors, migrating twice a year across the central Zagros mountain range in search of fresh pastures for their herds of sheep and goats and also to escape the unbearable climatic extremes of their winter and summer campsites.

The word Bakhtiari consists of three morphemes: Bakht-yar-i / bæxt-yar-i/ 'fortune-companion- ATTR. suffix' > 'The lucky/ fortunate ones', but the reason for this appellation is known to no one. There are some legends on the origin of the name (Sardar Asad 1383:49) but they are not the concern of the present research. What is of importance here is the way Bakhtiaris address their identity themselves. It is a common practice to classify the language and the people under a cover term as Lor/ Lori¹⁹ which also includes many people and linguistic communities to the north, south, west and east of the aforementioned Bakhtiari Land. Thus a Lor can be a Feili tribe member living in the Pishkuh area of Lorestan province, a Bakhtiari living in Chelgerd or Masjed- Soleiman (the two major cities in their summer and winter quarters, respectively, with above ninety percent Bakhtiari inhabitants) or further south, or a Bavi living in Basht village which is located in Kugilu²⁰! Figures

^{14.} Throughout the present work and especially in this section, the names of the cities and villages and the like, are presented as they are commonly transcribed in the Iranian sources.

^{15.} Available at URL (22-09-2017): http://web.archive.org/web/*/http://www.bakhtiarifamily.com/photos/ BakhtiariMapNew.pdf.

^{16.} Digard, J. P.1988. "Bakhtiari Tribe, Ethnography", in *Encyclopedia Iranica*, vol.3, pp.553-559.

^{17.} Available at URL (07-09-2017): http://web.archive.org/web/*/http://www.ethnologue.com/show_language.asp?code=bqi

^{18.} Amirahmadian, B.1378/2000. *Bakhtari Tribe*. Tehran: Dashteatan/ Abtahi, A. 1384/2006. *Oil and The Bakhtiaris*. Tehran: Chap va Nashre Nazar, Organization of Nomads' Affairs, available at URL (07-09-2017): http://web.archive.org/web/*/http://ashayer.ir/index.aspx?siteid=1&pageid=160.

^{19.} It is also very common to spell this word as Lur/ Luri, but the actual pronunciation of its medial vowel is as in English word **door** (See the description of the vowel /o/ in 2.3.5 below).

^{20.} Here I tend to represent the names of the cities, provinces and the people as pronounced by natives and locals to prevent the hypercorrection practice of official authorities. These hypercorrection

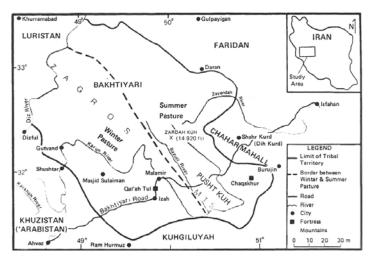


Figure 2: More recent map of the Bakhtiari Land

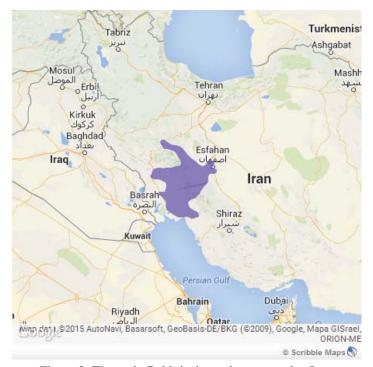


Figure 3: The main Bakhtiari area in present-day Iran based on the Bakhtiari speaking population

tions, which are usually an attempt to bring the local names, phonetically and semantically, closer to Persian, can at times destroy all clues to a valid etymology of the word. A very disturbing example is the representation of the place name **Shimbār** /šimbar/ as **Shirin Bahār** /širin-bæhar/, based on a false etymology that attempts to reflect the beautiful green scenery of the **Shimbār** area with the compound **Shirin Bahār** 'the sweet spring'!

4.a and 4.b below are mainstream maps showing the distribution of Lors and Lori language in $\rm Iran.^{21}$



Figure 4a: Mainstream maps of Lori language/ people distribution



Figure 4b: Mainstream maps of Lori language/ people distribution

^{21.} Available at URL (07-09-2017): http://web.archive.org/web/*/%20http://www.iranicaonline.org/articles/lori-language

In reality, however, Bakhtiaris do not identify themselves as a Lorestani or a Kugilo-Beiramedi Lor, claiming, among others, that those people have a distorted tongue (*zown-e čæp*), and emphasize their own distinction from other Lors, as being first a Bakhtiari. If willing to compromise for a relationship with other Lors, they would say: 'we are a Lor-e Bakhtiari!'. It is true that linguistically, they share a great deal with Kugilo-Beiramedi Lors and to a lesser degree with Lorestānis, as confirmed by Anonby (2005), but there are enough differences in their lifestyle, language and customs to be able to distinguish separate identities for them.

2.1 GEOGRAPHICAL DISTRIBUTION OF THE BAKHTIARIS

To give a clearer image of the present day distribution of the Bakhtiari, the map below (Figure 5) is drawn based on my own direct observation during field work trips, through consultation with locals and searching the existing websites and information sources on cities and villages in Iran.



Figure 5: Approximate distribution of Bakhtiari

The shaded area shows the region where Bakhtiaris predominantly live, along with other language speakers such as Persian, Arabic or a Lori variety; and where the Bakhtiari language is either spoken by the great majority of the inhabitants, such as in Masjed Soleimān, Chelgerd, Lāli and Izeh, or where there are a large number of Bakhtiari-speaking inhabitants, as in Shahrekord, Ahvāz, Boroujen and Foulādshahr, or where, at least, Bakhtiari is a familiar language for non-Bakhtiari inhabitants of the indicated city, town or village, such as in Esfahān or Gachsārān. It should be noted that these maps are by no means definitive and they will be modified later and through a more detailed investigation on the ground. They are presented here just to show the lack of precision in the existing available maps on the subject.

By comparison with old maps of the Bakhtiari Land (Figures 1 and 2 above). it appears bright and clear that Bakhtiaris no longer live in the exact same area of their ancestors and have changed their habitat through past decades for multiple reasons. Before the discovery of oil in their territory on 26 May 1908, which can be considered as a turning point in their socio-cultural as well as linguistic life, most of the replacement of the Bakhtiari population was due to socio-political reasons in the form of either forced migration or group exile dictated by the central government of the time²². The later moves and replacements, however, have mainly had socio-economic reasons, the most important of which has been the employment in the then so-called Anglo-Persian Oil Company (APOC), and after 1935, the Anglo-Iranian Oil Company (AIOP)²³ and the emergence of new company towns in the region and hence the settlement of Bakhtiari employees along with their families in these company-built compounds. This situation holds true to this day. To give an example, since 1990 a large number of Bakhtiari workers have moved to Asaluye²⁴, a formerly small and insignificant city-port by the Persian Gulf, which after the discovery of a major gas resource, actually the largest natural gas field in the world, has developed into an important industrial center and a major recruitment destination in PSEEZ (Pars Special Energy Economic Zone) project. It is worthy of note that, out of the population of some 4,000 to 7,000 of this city, according to different sources, only a couple of hundreds (300-500) are Arabic-Persian speaking locals. The other inhabitants are workers from around the country, and Bakhtiaris comprise a major portion of these newcomers²⁵. I did not mark Asaluye in the above map (Figure 4) simply because Bakhtiari workers only commute to Asaluye and they generally do not move there permanently with their families, mainly due to the severe hot and dry climate of the area.

^{22.} Perry (1975) and Sardar Asad (2005) among others.

^{23.} Cronin (2004: 4).

^{24.} Available at URL (07-09-2017): http://web.archive.org/web/*/%20http://en.wikipedia.org/wiki/Asaluyeh

^{25.} To my knowledge, no exact statistics are available online. In my future trips to Iran, I will certainly try to contact the PSEEZ administrative offices for exact statistics.

Apart from this more or less consistent area of Bakhtiari inhabitants, there are also some islands of Bakhtiari communities scattered around the country, as far as the north-east close to the border with Turkmenistan (Figure 6). This latter community is said to consist of exiles from the time of Nader Shah (1698-1747; he reigned from 1736 to 1747). To what extent they have preserved their language is a matter of question and needs to be investigated. Many of Bakhtiaris living in the big cities such as Tehran, Esfahan and Karaj have started their move rather recently, first during eight years of the Iran-Iraq war (1980-1988) and then gradually, after the war, due to the subsequent deterioration of the socio-economic condition of the war-stricken cities. In other words, after the war, some Khuzestani families stayed in the cities where they found shelter during the war and many more moved to bigger cities to find better universities or socio-cultural opportunities for their children.



Figure 6: The major and minor Bakhtiari areas

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2.2 BAKHTIARI NOMADS

According to the statistics of the Organization of Nomads' Affairs²⁶ based on the nomad census of 2008, Bakhtiari turns out to be the biggest tribal population on the list of Iranian nomads by numbering as many as 187,777 persons; the Qashqai rank second with 112,430 people living in Fars, Bushehr and parts of Esfahān and Char Mahāl-o Bakhtiari provinces. The third place, with a population of less than half of the Qashqai, viz. 47,248, belongs to the Shahsavan (Ilsavan) tribes in Eastern Azarbaijān, Ardebil and Gilān provinces.

The above brief socio-historical introduction of Bakhtiari people makes it clear that, due to the numerous shifts in their geography and subsequent adaptations necessary for interacting with their new neighbors, the Bakhtiari speakers have developed several varieties of the language over the past decades. The exact description of these varieties would require a vast sociolinguistic project that can only be a desideratum for the future.

The focus of the present research will only be on the variety spoken by the Hamule nomads of the Haft Lang branch (See 2.2.5 below), who live mainly in *xorbe* and other countrysides of Chelgerd during the months of April to September and in *šelal* and other villages and countryside of Masjed Soleimān from November to March every year.²⁷

I will refer to them as nomads, despite the fact that the majority of them have a house in a village, town or city, simply because acquiring a house is a later adaptation to the necessities of modern life. Their children must be accommodated during the school year while their parents are on campsites with their herds. Having said that, their life style still fits the definition of a nomadic life, based on Potts (2014: 29):

- "1. the paramount economic role of herding;
- 2. the extensive nature of herd-maintenance strategies and free-range grazing without the use of stables or the accumulation, storage, and transport of fodder;
- 3. periodic mobility within or between certain pre-determined grazing territories;
- 4. the participation of the vast majority of the group in seasonal migration;
- 5. the orientation of most economic effort toward primary subsistence, rather than production for the market."

Considering the dominant economic activity of the Hamule nomads, i.e. pastoral herd breeding and dry farming of mainly wheat but occasionaly barley and clover, they can further be categorized as semi-nomadic pastoralists, as defined by Potts (2014: 30):

^{26.} http://ashayer.ir/index.aspx?siteid=1&pageid=160 The translation of the name of this organisation is based on Lois Beck (2014).

^{27.} I have tried to explain reasons for this choice in the Preface.

"semi-nomadic pastoralism, defined as 'extensive pastoralism and the periodic changing of pastures during the course of the entire, or the greater part of the year' but which also involves 'agriculture in a secondary and supplementary capacity'."

2.2.1 Tribal hierarchy

In discussing the Bakhtiari tribe's social structure, the first issue one encounters is the binary division of the whole so-called tribal confederation, or *il*, into two subgroups, namely: Haft Lang and Char²⁸ Lang. The meaning of the first elements seems to be obvious, representing the numbers 'seven' and 'four' in both Persian and Bakhtiari²⁹, whereas the second part *Lang* remains unresolved. Section 2.2.2 is devoted to a thorough discussion of these crucial terms in Bakhtiari, but before that, a few words about further subgroups of the Bakhtiari are necessary for a better understanding of the dynamics of their nomadic life.

It is a very common practice among scholars and locals that follow and copy the western way of argumentation, to begin the description of the Bakhtiari tribal structure from top to bottom, i.e. from *il* 'confederation, tribe', to *mal* 'a tent and the nuclear family living under it'. These scholars probably had the segmentary lineage system of some other peoples as a model, tribes and peoples such as Semetic or African tribes or some Turkish villages. In anthropological researches this system is explained by '... successive branching of large lineage groups into smaller ones (Schwimmer, 2003).' In the next step, they use or create terms, like *tire* or *bab* (Towfiq, 1987; Digard, 1988; Amirahmadian, 2000), that do not have

^{28.} Short form of chahār meaning 'four'.

^{29.} In the later stages of the research, I have come across the Avestan term cangranhāc with its Pahlavi translation clk' lc'nyk meaning 'worthy of pasture' (Schmidt 1980: 216), the first part of which made me doubt to analize Char as 'number four' simply based on the similarity with the word Chahar in Modern Persian and Char in Bakhtiari. In an attempt to provide an etymology for this term, Schmidt (1980: 216) concludes: "Proto-Iranian *cahra can then originally have been the area of wilderness cut down for cultivation and pasturage". This interpretation leads us to the question: Can Charlang be interpreted as 'a piece of land made ready as a pasture'? How can we interpret Haflang, then? To answer this second question, Johnny Cheung suggested the verbal root *Hap 'to keep, observe' as described in Cheung (2007: 129): "*hap 'to keep, observe' •AVESTAN: OAv. haf- (hap-) 'to keep, observe' Liste: 71 Pres. athem.: IND. 2sg. OAv. hafsī (Y 43.4), 3sg. OAv. haptī (Y 31.22) •SOGDIAN: ? CSogd. pw'd- (m.) 'monument, altar' (cf. Schwartz 1967: 137) || (+ *ni-) BSogd. 'nš'yp- (old caus.) 'to envelop, cover', CSogd. 'šyp- 'to bury' (+ *ni-) Pres.: IND. dur. 2sg. CSogd. 'šypysq, 3sg. BSogd. 'nš'ypt; Impf.: IND. 3pl. CSogd. mšypnt, POT. 3sg. BSogd. 'nš'ypt wn'; partic.: perf. pass. CSogd. 'šybty, CSogd. 'šybtyt; Pass.: perf. intr. IND. CSogd. 'šybdy stysq •SANSKRIT: Skt. sap 'to take care, honour, observe' (RV) EWAia II: 698 •PIE *sep- 'to take care of, observe' LIV: 534 | Pok.: 909 •IE COGNATES: Gr. épw 'I take care of, commit, do', Lat. sepelīre 'to bury' •REFERENCES: Werba 1997: 251 f'. Is it possible that Haf in Haflang does not indicate a number but an attribute for the word Lang? Can Haflang have a meaning similar to 'an elevated piece of land for observation'as opposed to *Charlang* 'a piece of wild land cut down for cultivation and pasturage'? These questions require more investigation in future.

an equivalent reality for Bakhtiari themselves and ignore categories like *kor o beu* 'literally: son and father'³⁰ which is a quintessential term in describing the Bakhtiari kinship relationships. One example of such a tribal chart (Digard, 1988)³¹ is represented below as Figure 7:

īl	ba <u>k</u> š/qesmat	bāb/bolūk	tā'efa	
			(Zarāsvand	1
			Gandalī	2
			Mowrī	3
		(Dūrakī	Osīvand	4
			Bāmadī	5
			Asterekī-Čārbūrī	6
			Sohonī (Hamule)	7
		The second second	(Bābādī 'Alī-Anvar	8
			Bābādī 'Akkāša	9
			Rökī	10
			Molmolī	11
Ba <u>k</u> tīārī {	Haft Lang	Bābādī Bāb	{ Šehnī	12
			Madmolīl	13
			Gomar-Naser	14
			Pepdīnī	15
			Galla	16
	}	Behdārvand (Monjezī)		17
		Dīnāronī		
		Jānakī Mamīvand		19
				20 21
	Čār Lang	Mamsāla	Mamsāla	
	(Cai Lang) Mogū'ī		22
		Kīānersī		23

Figure 7: The principal subdivisions of the Bakhtiari tribe according to Digard (1988)

The problem with charts such as the above is the fact that the first three divisions, i.e. *il* 'confederation', *bæxš/ boluk* 'section' and *bab* 'division' do not have an conceptual reality among the Bakhtiaris and they are simply adopted either from other nomadic tribes' structures, like *boluk* from the Qashqai, or are confused with a socio-political entity. In other words, for instance *il*, in the sense of the 'confederation of Haflang and Chahar Lang tribes', was introduced into the Bakhtiari community for the first time just in the nineteenth century, in 1867 to be

^{30.} It is indeed surprising for me that this term has not been mentioned in any of the sources that I have consulted for this research and which have been quoted here.

^{31.} In his recent book, Une épopée tribale en Iran: Les Bakhtiyâri (2015: 312), Digar has still kept these three first sections (il, baks and $b\bar{a}b$) but modified the members of the $t\bar{a}efa$ here and there. For instance, he has added a new member to the Hamule tribe, namely, Toshmal, which he believes was one of the $t\bar{a}e\bar{s}$ in the tribe at the beginning of 1970. It is noteworthy that the word Toshmal has two meanings in Bakhtiari: first it is the name of the local musicians and second, as an adjective, it means 'great' and for reasons not known to me, was attributed to the Zarasvand tribe. I have heard from old people that in the old times, ardesqariv people were affiliated with the Zarasvand tribe and they sometimes were addressed or revered as Toshmal. Therefore, to include Toshmal as a fifth party of the Hamule tribe does not seem to be a right choice.

more precise, when Nasser al-Din Shah Qajar³², appointed Hossein Qoli Khan³³ as the *Ilkhani* 'the chief of the Bakhtiari confederation'. Ironically, Hossein Qoli Khan and his ancestors were not originally Bakhtiari but descendants of a fugitive boy from the Papi tribe of Lorestan³⁴. Before this appointment, *il*³⁵, if used, would have had a meaning similar to an older and more common term χeil ³⁶ 'a group of many people'³⁷ as can be depicted in some very old *gageriove* 'mourning songs'³⁸. The Qajar dynasty kings had a Turkic-nomadic origin and hence the introduction of many Turkic terms into the political literature of the time; titles and terms such as, *Il-Khan*, *Il-Beig* 'the deputy head of the confederation', *Il-či* 'the king's messenger', *tuman* 'a new currency', *gošun* 'army' and *baš/ baši* 'head, boss'. Some of these terms had already been inherited from Safavid administration which in turn had been adopted from previous Mongol dynasties ruling in Iran from 1219-1507.

A five-level hierarchical structure, however, does exist in Bakhtiari, based on genealogy, in the form of small to large patrilineal or agnatic³⁹ descent groups

- 32. The King of Persia, 16 July 1831 1 May 1896; he reigned from 17 September 1848 to 1 May 1896. Towfiq (1987: 712) mistakenly, relates this appointment as the order of Mohammad Shah Qājār (5 January 1808 5 September 1848) who was king of Persia from the Qajar dynasty (23 October 1834 5 September 1848 (Available at URL (17-10-2017): http://web.archive.org/web/*/http://www.iranicaonline.org/articles/mohammad-shah).
- 33. 1820-1882.
- 34. "Though thus figuring as Haft Lang, this family is said to have originated from a boy of the Pāpī tribe of Lurs, who was ejected by his fellow tribesmen and recalcitrant subjects, and stayed into the Bakhtiārī country from the west of Luristān." (Lorimer, 1922: 2).
- 35. The researches of W. Irons show that among the present Turkmen of Iran the word $\bar{\imath}l$ is applied primarily to a group of tents $(\bar{u}ba)$ whose occupants keep together and live in peace and amity; these groups then form wider confederacies which locally are also named $\bar{\imath}l$ (corresponding to the $wal\bar{a}$) of Ebn Kaldūn). At the same time $\bar{\imath}li$ is used as an adjective to describe relations between tribes, meaning "at peace with" as against $y\bar{a}\bar{g}\bar{\imath}$ (at war with). Membership of an $\bar{u}ba$ and an $\bar{\imath}l$ generally depends on genealogy. The members of an $\bar{\imath}l$ perceive their community as made up of small and large patrilineal descent groups, the smallest consisting of brothers, i.e., sons of the same father, the next of brothers and nephews, i.e., descendants of the same paternal grandfather, the third of descendants of the same great-grandfather in the male line, and so on back to the common ancestor of the whole $\bar{\imath}l$. (Irons, 1974: 640-42 quoted from Towfiq, 1987: 707).
- 36. From the same word, the intensifier *yeili* in Persian and *yeile* in Bakhtiari are derived.
- 37. Another word for tribe, found in old geographical works mainly with reference to the so-called Kurds of Fārs, is *romūm*, the plural of *ramm* (cf. *rama* "herd, team"), or in some texts *zomūm*, from *zamm*. M. Qazvīnī (V, p. 53) considered *zomūm al-akrād* to be a manuscript error for *romūm*, while De Goeje (BGA VI, p. 250; Ebn Kordadbeh, Fr. tr., BGA VI, p. 33 n. 2) preferred the reading *zomm* on the basis of the Kurdish word *zūma* (tribe), a suggestion followed by Le Strange (*Lands*, p. 266) but questioned by Minorsky (*EI*¹ IIb, p. 1135; see also Markwart, *Ērānšahr*, p. 27; Schwarz, *Iran* I, pp. 135ff.; Spuler, *Iran*, p. 241 n. 16). Yāqūt (II, p. 821) defines *romūm* as camp sites of and districts inhabited by Kurds (*maḥāll al-akrād wa manāzelohom*). Anyway, in the usage of the present tribes of Iran, *ramm* and *zomm* are seldom, if ever, employed (though *rama* remains current); *ūymāq* and *ūlūs* are also obsolete. As will be seen, a large section of a tribe is now usually termed *ṭāyefa* or *tīra* (Towfiq, 1987: 707). In Bakhtiari the closest term to the concept of a nomad is *mal-i* 'belonging to a mal'.
- 38. For a brief discussion of the structure and the etymology of this word see footnote 125 below, under the Body parts section (3.1.2).
- 39. Patrillineal or agnotic descent is established by tracing descent exclusively through males from a

which only make sense from the bottom up. These levels are: *mal* 'a nuclear family', *kor o beu*⁴⁰ 'brothers of the same father', *æwlað*, 'grandchildren of a shared ancestor', *tæš* 'clans⁴¹ of the tribe' and *tafe* 'the tribe'. Figure 8 attempts to illustrate this hierarchy:

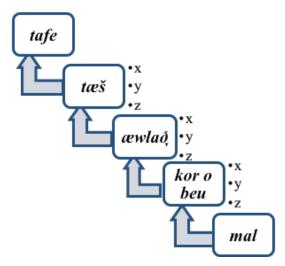


Figure 8: The patrilineal hierarchy of a Bakhtiari tribesman

The relationship between different *tæš* of a *tafe* can be either patrilineal and matrilateral or affinal. Any other grouping above the level of *tafe*⁴² is a social decision, based on the needs and necessities of the nomadic life of a tribe at the times of seasonal migration, weddings and funerals, harvest gathering, famine or a natural disaster, local or national conflicts or any other sort of turbulance⁴³. In anthropolo-

founding male ancestor (Schwimmer, 2003: 10)

40. Literally 'son and father'.

41. I used 'clan' here in its anthropological narrow definition as stated by Schwimmer (2003: 22): 'a unilineal descent group whose members do not trace genealogical links to a supposedly historical founding ancestor. Rights in the group are simple derived from a father or mother. Clans are usually large groups that are associated with mythical ancestors, who are very often identified as animal species that are considered sacred to the group. They may occur within a complex structure in which they are either nested into larger groups or subdivided into smaller ones in the same fashion as segmentary lineages. Where they are subdivided, the component units are often formal lineages, as in the case of the Akan ...'

42. The Bakhtiari pronunciation of the Arabic loan word *ta'efw'*. According to Vahman and Asatrian 'The presence of a considerable number of Arabic word-forms in the dialect of the Baxtiārīs, unusual for vernacular Persian and even for Classic language might be explained by the Baxtiārī-Arab interrelations and by the fact of the assimilation of certain ethnic groups for arabic origin among them. (Vahman & Asatrian, 1995:10)'

43. The same formula seems to work in other tribes, as well, such as in Baluchi tribes in the Sarḥadd district (south and southeast of Zāhedān), as Towfiq (1987) has quoted from Salzman: '... the Yār Aḥmadzehī and the Gamšādzehī, confirm the importance of descent-based organization. Apart from

gical studies a functional analysis is used to explain the reasons behind the emergence and the development of social organizations. Two theories are mentioned in this regard, one economic and one political, which here can be used as probable reasons behind Bakhtiari social structure. According to Schwimmer (2003: 26):

The economic theory focuses on corporate land owning patterns. It maintains that individual tenure systems cannot allocate farmland in cultivation regimes that depend upon long fallow periods and extensive land reserves. (This subsistence pattern is labeled **horticultural**.) Since farmers are constantly taking plots out of production and seeking fresh land for new fields, private ownership is not practical. Their long term resource needs are best met by relying on a communal unit to hold land in reserve for the group as a whole. Lineages provide just the right scale and continuity to coordinate these allocations at optimal efficiency. This argument is consistent with the analytical principles of cultural ecology.

As for the remaining categories such as *tafe*, Haft and Char Lang or even once existing Bakhtiari confederation, the political analysis seems applicable:

The political explanation focuses on the need for social order in stateless societies that lack centralized political systems with formal institutions of law enforcement. Under these conditions, strong and permanent alliances within and between large family based organizations are necessary to establish the sanctions needed to control disruptive behaviour among their members and to assist them when violence does occur. This approach is associated with the structural-functionalist school. (Schwimmer, 2003: 26).

It should be noted that the above mentioned arrangements only held true until the time when there still was an *ilkhan* (1936) or at most until the first decade of the twentieth century and the discovery of oil in their region, when some traces of authority among the *kælantars* 'head of a *tafe*' or *riš-sæfids* 'head of a *tæš*' could still function, to some extant, to regulate tribal affairs. After the new wave of employment in the oil company, finding a noble source of income and independance from local authorities led to the emergence of new kinds of social life. Especially after the weakening of the remaining Khans'authorities by British financial tactics (Cro-

halts, these tribes are constantly on the move, either to gather dates from palm groves in the Māškel lowland or to find pasturage for their sheep in the Sarḥadd highland. Consequently neither territorial groups such as the *bonend*, a collection of mud or mud-brick houses and palm-frond huts occupied during the date harvest, in the Māškel nor herding groups such as the *halk*, a number of families who own a flock and camp together, could become the basis of stable social organization in this district. The reverse is the case because the spatial distribution of the *bonends* and *halks* depends on family relationships. In matters such as marriage, prayer, house building, seasonal migration, disputes, etc., lineage is thus the main consideration, not "vicinage." The territorial groups are themselves formed from descent groups, and their bonds of common descent are reinforced by matrilateral and affinal ties (Salzman, 1972: 63)."

nin 2004) which led to their total destruction and loss of power, the need to be attached to a local authority or source of power for protection and survival faded away. Today the word *il* is still in use, habitually, to refer to the combination of the Chahar Lang and Haft Lang as opposed to other ethnic groups like Lorestani Lors or Arabs; but more frequently it is used instead of *tafe*, such as *il-e hæmule* or *il-e bavadi*.

The false assumption of top to bottom hierarchical organization of the Bakhtiari can also explain why not even two of the attempted charts of the Bakhtiari confederation have the same content and the same order of tribes. For instance, in Digar's chart (Figure 7), the Hamule tribe is grouped as Sohoni which itself is part of the so-called Duraki-bab of Haft Lang division. In Amirahmadi, however, Hamule is part of the Bavadi of Haft Lang (Amirahmadian, 2000:47), while in History of Bakhtiari writen by one of the most important and learned chiefs, Sardar Asad the second, Hamule is part of Sohoni but is located among Chahar Lang tribes (Sardar Asad, 1383:619). The reason behind these discrepancies is that only the kin lineage of the tribe i.e. from mal to tafe, is fixed and cannot be changed under any circumstances. Nobody can change his tafe, unless he agrees to be deprived of all his rights on the shared pastures and lands. Even after his death, his widow, if she wants to keep her children, cannot marry into another tafe, and if she does, then the children should stay in their father's family custody to be able to inherit their father's share of tribal properties. On the other hand, a whole tafe can decide to cut its relation with the neighboring tribes and move or migrate to live in the vicinity of other tribes as was the case with the Hamule tribe (See 2.2.3 below).

The other entity that seems to have been fixed through time is the territories of the Haft Lang and the Chahar Lang. In other words, based on historical accounts of the Bakhtiari, their old songs and tales and old geographical records, what can be conjectured is that this binary division is very old and their territorial regions have also been more or less fixed for many generations, but the tribal groups living in these territories did not always remain the same. Otherwise stated, tribes could change their affinities to the Haft or the Char, in order to receive more support according to shared interests and territorial bonds. In section 2.2.3, on the account of the Hamule tribe's background, an example of this kind of territorial shift is mentioned.

In actual daily life situations, however, if you ask a Bakhtiari, $\check{ce}\ kæs-i?^{44}$ 'Which tribe do you belong to?', he will start directly from a tribe's name such as Babadi, Kianersi, Hamule or Galla, i.e. the two levels of $bæ\chi\check{s}$ and taefe in the above or mainstream charts will be considered as the same level. For more clarification, the dialogue may continue somehow as follows:

Q: ze ko Hamul-i-yæl? 'From which Hamule subgroup?' A: *ze ærdešgærivõ*^w 'from Ardeshqariv clan (*tæš*)'

^{44.} This is a very common and typically Bakhtiari small talk initiation question and ice-breaker which also plays an important soicolinguistic role, i.e. to fulfil the urge of a Bakhtiari to *pey ræson-den* 'to trace the tribal or kin relations' in order to make ties with a seemingly stranger and to make sure that they are eventually related somehow.

Q: ko æwlað? 'whose decendant?' A: ze æwlað-e Niaz, kor-e šænbed-om 'from the decendants of Niaz, I am Shanbe's son.'

2.2.2 Haft Lang and Chahar Lang: læng is not leng 'leg'

As mentioned above, Bakhtiari tribes are divided in two general categories: the Haft Lang tribes and the Char Lang tribes. They do not necessarily belong to a shared ancestor, as explained above, and this grouping rather has a socio-historical background. Linguistically, however, Haft Lang and Char Lang constitute the two major dialects of the Bakhtiari language. The question remains: What does the element *Lang* mean?

In the literature on the Bakhtiari over the past two centuries (starting with Layard, 1846), two main explanations of the meaning of *Lang* have always been repeated. These folk etymologies have never satisfied me as valid and correct interpretations of this very important and genuine term in Bakhtiari social history and everyday life. In the following paragraphs I will first cite the existing explanations, then bring forth my reasons for not accepting them, before suggesting a new way of looking at and interpreting this term.

To begin with, I should mention that the existing etymologies embody the notion of Lang as a variant of "leng" meaning 'leg' both in Bakhtiari and Modern Persian. But how to explain this phonological change from $/\alpha$ / to /e/? I will return to this issue, after bringing up all the justification stories for Lang.

For the sake of argument, I will begin by accepting that *Lang* means *leng* 'leg'. Since the same explanation has been repeated in different sources, I prefer to sum them up in separate paragraphs and then mention the sources of the citations.

2.2.2.1 The two brothers story

Once there was a man called Badr who was the ruler of the Bakhtiari or the Big Lor tribes. He had two wives. One of them gave birth to seven sons and the other to four. After Badr's death the Bakhtiari territory was divided between the two wives' children. To distinguish them from each other they got the names of Haft Lang and Chahar Lang, indicating the number of sons in each party. (Mentioned first in Mostowfi's Tarikh-e Gozide [Selected History] in 750 H.Q, 1364 below, and then repeated in Layard, 1846; Lorimer, 1922 and Windfuhr, 1988 to name just a few.)

Evaluation:

My reason for not accepting this explanation that *Lang* means "leng" is a very simple mathematical fact! If *leng* 'leg' is going to represent the number of sons in each party, then they should have been called Chahardah [14] Lang and Hasht [8] Lang! Unless all the poor sons had only one *leng* 'leg'! Garnik Asatrian⁴⁵ has

^{45.} Personal communication.

confirmed that counting the legs used to be a common practice for this kind of kin divisions, but he didn't have any answer for why the numbers in this case do not match. It may be argued that *leng* could also be used for 'one pair of legs' then it can be considered as a natural pair. Therefore, "one leg" actually meant 'one (man with) legs'. There is, however, a semantic obstacle facing this argument; i.e. the other meaning of *leng* as 'one half of a pair' as in a phrase like: yæ *leng-e kæwš* 'one half of a pair of shoes'.

2.2.2.2 The tax system explanation

The second very popular explanation is a later but more accepted notion and it seems more probable or at least more logical. It states that since the Safavid era (1501-1736), there has been a tax paying system established according to which the nomads, who were the majority of the Iranian population of the time should pay their share according to the number of their cattle or herds. The tax for the Qashqai tribe, for example, was based on the number of their sheep, whereas the Shahsavan paid on the basis of their camels. For the Bakhtiari, the mare was the basis for counting, in the sense that twenty sheep had the value of one mare. The details of this system are not of concern here⁴⁶, but for our discussion, the important point is that Bakhtiari had to pay a tax equal to the price of three mares. The Haft Lang, who were relatively richer, accepted to pay a share of 7/12 of the legs, and the less privileged Chahar Langs a share of 4 /12 and the remaining 1/12 was to be paid by the non-Bakhtiari tribes who came to their territory to live under their support (in Sardar Asad, 1383; Layard, 1846; Safinezhad, 1368 and 1381; Amirahmadian, 1378 and Garthwaite, 1970).

Evaluation:

Accepting the above explanation requires us to accept that this social system basically exists because the central government wanted the Bakhtiari to be divided in this way; whereas this tribal social structure is very integrated into and has a huge impact on the Bakhtiari cultural, social, linguistic and historical life. Therefore, believing that it is an imported or imposed structure leaps out as utterly unrealistic.

Besides, if it is true, then several questions need to be answered, such as: why should just the Bakhtiari be divided or be named after their tax duties and not for example the Qashqai or the Shahsavan tribes? Why is there no such term as Yek Lang 'One Leg' to name the third party who came to live under the shelter of Bakhtiari community?

Moreover, the concept of Haft Lang being richer is not valid because the prosperity of each party has always been tightly related to some temporal factors such as their terms with the central government or the situation of trade in their respective territories and the like. To put it differently, their financial and social status was always changing.

^{46.} The interested reader can consult Karimi (1973: 46)

The most important fact here is the existence of this division even before the establishment of the aforementioned tax system. In other words, as the story goes, there were already two groups of Bakhtiari, one richer than the other, and then, the tax duties were assigned according to their respective wealth. This is a very clear indication that this binary division should have been older than the Safavid era if the story were right.

2.2.3 Linguistic Analysis

The important point to mention here is the fact that /l@ng/ and /leng/ are minimal pairs both in Bakhtiari and in Modern Persian. /l@ng/ means 'to lag/ fall behind' in the compound verb /l@ng/ kerden/ or as an adjective it means 'lame', while as mentioned earlier, /leng/ means 'leg' and also 'one part of a pair'. The proponents of the Lang = leng notion argue that the ancestors of the Bakhtiari changed the pronunciation of /leng/ to /l@ng/ for euphemistic reasons, to make it sound more pleasing and not to convey the meaning of /leng/ or /leg/ which is somehow pejorative (Asad, 1383:154-155).

This method of argumentation, I believe, is an urban and modern way of looking at Bakhtiari culture and has nothing to do with the nature of a nomadic culture which is tightly geared to nature and its basic elements. In other words, there is no such euphemistic tendency among the Bakhtiari nomads who are the present-day representatives of their ancestors. Living in a mostly untamed environment they have to be very quick, straightforward in conveying what they mean; otherwise they will lose the simple but practical way of communicating with each other which is so critical for their harsh life style. As a vivid example, they use some words that are considered as taboo for an Iranian urban mind-set, to name different herbs or plants simply because of the obvious resemblance of, for instance, a flower to an animal genitals. They call it without feeling shy or embarrassed, unlike what the urban and more educated members of the tribe would feel. Therefore, the thought of the Bakhtiari feeling shy to use a word which means 'leg' is very romantic and this rationalization is imposed by later, more intellectual members of the society with no basis in their popular culture.

The other important point is that by living and working closely with Bakhtiari nomads, one will never hear someone saying *læng* instead of *leng*, even casually, simply because it will sound absolutely wrong. *leng*, obviously, is used every day in a variety of situations and in different combinations such as:

jegele leng deraz 'the long-legged lad'; in addressing a tall young boy in a not very friendly way. *leng-a=s=e soft beger*! 'Grab its legs tightly!'; in a goat-milking session, for instance.

leng-a=t=e be sown! 'Move your legs (up and down)'; giving instruction to someone who is trying to cross the river by swimming.

To conclude this section, I would like to add that although the phonological shift from $/\alpha$ / to /e/ is probable in the Bakhtiari language, as in Modern Persian, especially in word-final position/syllable (See 2.3 below), like $\chi \alpha nd\alpha > \chi \alpha nde$ 'smile/laugh', still, in my opinion, the word Lang can by no means be a simple phonological variant of "leng".

2.2.4 A proposed new etymology for Lang

In the search for a meaningful interpretation of *Lang*, my attention was drawn to some Iranian toponyms such as: **Lang-rud**, a city by Caspian sea; **Lang āb**, a village near Bojnurd in the east; **Lang ābād**, a village near Shurāb in the vicinity of Qom in the central part of Iran; **Bandar-e Lenge**, by the Persian Gulf in the south; **Lenjān**, Arabic pronunciation of Lang-ān, near Esfahān and close to the Bakhtiari territory, **Cheshme Langān**⁴⁷ in the Central District of Fereydunshahr County, Esfahān Province; and probably **Lankarān**, in today's Azarbaijān and **Pālangān**, in Kordestān province. In the neighboring border areas, **Sālang**, a northern mountain and **Yakāvlang**, a city, in Afghanistan can also be mentioned. This list can probably be extended more but the point here is that the existence of this recurrent term cannot be accidental. Actually it is quite common to see the repetition of a certain word or morpheme in toponyms and in some other words which one can trace in different Iranian city names, such as the ones listed below:

- gerd/jerd, 'city' as in: Susan-gerd, Chel-gerd, Dast-j/gerd, Boru-jerd, Farhād-gerd
- kæng, 'fortress', as in: Kang-ān, Kang-dezh, Kang-āvar
- deh, 'village', as in: Deh-dez, Deh-loran, Deh-dasht
- dæšt, 'field', as in: Marv-dasht, Kuh-dasht, Kelār-dasht, Deh-dasht
- rud, 'river', as in: Lang-rud, Hasht-rud, Rud-sar
- sær, 'head/ end', as in: Rām-sar, Bābol-sar
- šæhr, 'city', as in: Pirān-shar, Khoram-shahr
- šah, 'king', as in: Shah-savar, Shāh-rud
- abad, 'prosperous', as in : Ābād-ān, Khoram-ābād, Ābād-e
- ærdæ/e, 'righteous', as in: Arda-bil, Arde-stān, Arda-kān
- yor/yur, 'sun', as in: Khur, Khur-āsgān, Khur-zoq, Khur-moj, Ākhore, Khor-be
- *čoga*, 'mound, hill' as in: Choqā-zanbil, Choqā-khor, Choqā-sorkhe, Choqā-bal, Sar-Choqā

Therefore, one can conclude that, similarly, there has to be an exact definition for the repetitive morpheme *Lang* in the above mentioned toponyms.

In the next step a search began for existing meanings of this morpheme in Bakhtiari or other Iranian languages. In a survey of Bakhtiari words, I came across the word *œw-læng* meaning 'pasture' (Maddadi, 1996:29).

^{47.} Available at URL (14-06-2016): http://web.archive.org/web/*/http://en.wikipedia.org/wiki/Cheshmeh_Langan_Rural_District

I have been informed that in Mashhad, a city in northeastern Iran, the same meaning is expressed by the word *ow-læng*. In these two words the first part means 'water' but to get to the meaning of 'pasture', what can the *Lang* part mean: 'land', 'field' or 'grass'?

Later I found out that in the Chahar Lang dialect of Bakhtiari, there is the word *lengi*, which means 'half of the land which a pair of ox can plough' (Sarlak, 1386:243).

In the preface of a book on the Bakhtiari (Amiri, 1385) it is mentioned that there was a word in pre-Islamic Bakhtiari, pronounced as *lænk* which meant 'river' and the author concludes that *Lang* is the same word with a voicing change in the final consonant.

On the whole, *Lang*, whether meaning 'river' or 'a piece of land' is compatible with the geographic distribution of the Haft and Chahar Lang tribes. Their territories can be assumed as having seven pastures or pieces of land for the Haft Lang and four for the Chahar Lang. There are several rivers in the region and considering the passage of time which certainly has changed the course and volume of the existing rivers and streams, still we can name seven rivers/streams in the Haft Lang area and four in the Chahar Lang.

In my quest to find a reasonable etymology for *Lang*, I presented and discussed my data and hypotheses with Prof. A. Lubotsky, all of which reminded him of a word in Sanskrit which means 'plough', although with an unknown origin. Mayrhofer (1994:477) writes about it:

"lấṅgala- n. Pflug (RV+) ... – Mi., ni., p**ā.** naṅgala, pkt. laṅgala-, ṇaṅgala-, ṇaṅgara- n., hi. nẫgal m. (u.a.) Pflug (Tu [Add] 11006, Tu 11008). Unklar; Fremdwort?".

It seems attractive to assume that Vedic Sanskrit $l\bar{a}ngala$ - 'plough' is related to læng, in spite of the fact that its origin is unknown. Both can be due to borowing from another unknown language.

A tradition in Bakhtiari culture can be used in support of this hypothesis, and that is the use of *hioš* 'plough' and other agricultural terms for divisions of land. Some of these terms that are taken from Maddadi (1996) are worthy of notice here:

pa 'the bottom of everything'; a measuring unit equal to 12/5 mæn 'seven kilograms'. The Bakhtiari measure a piece of land based on the amount of wheat or barley that they can sow in it. One mæn means a piece of land that has the capacity to grow seven kilos. Each 12/5 mæn equals one pa, every four pa equals one ga 'cow' and every two ga equals one hiəš. Therefore, one plough/ hiəš of land means a piece of land that has the capacity to grow a hundred mæn or seven hundred kilograms of crop.

Prof. Desmond Durkin-Meisterernst also generously shared his thoughts on the subject as follows:

The Bactrian term $\beta\alpha\gamma\circ\lambda\alpha\gamma\gamma\circ$ / $\beta\alpha\gamma$ lāng/ has been derived by N. Sims-Williams from *baga-dēna-ka meaning 'container of the gods' and therefore 'sanctuary', a place where the gods stay or where their images or statues or insignia are stored. If Yakub Lang is formed in the same way that would suggest that Lāng alone has the meaning 'sanctuary' and that the first part of the compound a reference to whose sanctuary it is, the gods' or Yakub's, etc. Land belonging to the sanctuary or dedicated to a god might use the term Lāng. The word has a specific Bactrian sound change from *d > * δ > 1. $\beta\alpha\gamma$ lāng is attested for example in the Bactrian inscription at Surkh Kotal and in line 1 there.

The other interesting word is οαρολανζο /wēšlanz/ or /wēšlanj/ in document 66 or **ci** in Sims-Williams' Bactrian documents from Northern Afghanistan II, 2007. There in line 6 it refers to a 'hay field', wēš 'hay' and lanz/j 'field' which in the second part might supply a term related to lāng 'container' here referring to 'field'. (Personal communication, July 2015)

To conclude, we can assume that the word *læng* was used from the beginning to divide, distribute or administer fields or pastures, in the case of the Bakhtiari with a long history of pastoral life. To this day, the distribution of pastures in both divisions of the tribe corresponds to seven and four proportions.

There is no need to say that this is an open question and requires more investigation and begs new thoughts and ideas from others interested in the subject. My aim here is to encourage a new way of doing research in the field of Bakhtiari, avoiding the repetition of previous scholars and questioning the notions which for decades were taken as granted.

2.2.5 Hamule tribe: Chahar Lang or Haft Lang?

As mentioned above (2.2.1), some sources classify the Hamule tribe under the Haft Lang tribes and some under the Char Langs. The Hamule people themselves also think that initially they belonged to Char Lang parties and then moved to Haft Lang. That intrigued me to take on a reading odyssey in search of a historical evidence for this relocation, which finally got me to the passage below from Layard's memoires:

The Suhuni⁴⁸ is a large tribe of I'liyat⁴⁹; the chief, Shefi' Khan, is a liberal and able man, and was the wezir of Mohammaed Taki⁵⁰. Having been long accustomed

^{48.} Suhuni is interpretated by locals as *se huni* ' the three housholds', because it is a cover term which refers to the combination of three tribes: Hamule, Baversad and Kahyash.

^{49.} Refering to nomads in older literature which is constructed by adding an Arabic plural suffix *-at* and the Iranian attributive suffix *-it* to *il*, with the epenthesis of *-y-* in the middle. The remnants of this bizarre or mixed-method plural formations still exists in Persian words such as *sæbzijat* 'vegetables' or *karyane jat* 'factories', but the grammatical tradition is obsolete now.

^{50. /}mohæmmæd tægi/ was the paramount Khan of the Chahar Lang which was Layard's host and

to collect the annual tribute of the tribes, and to devote his attention to their internal polity, he was better acquainted with the state and history of the Bakhtiaris than any other man I met within the country. Although the Chief of the tribe, he is not a member of it, but of an Afshar family long settled in the mountains. He was for some years in Teheran and served as major in Bakhtiari regiment disciplined by Major Hart. The Garmesirs of the Suhuni were originally in Andakau⁵¹ and Shimbar to the north of the Karun, but being strongly attached to Mohammed Taki, they crossed the river and settled in Gulgir and Asemari. This tribe has both good horse and matchlock men. They cultivate corn and barley, to the growth of which the land they occupy is particularly favorable. Since the fall of Mohammed Taki, the Suhuni have recrossed the Karun, and placed themselves under Mohammed Meti and Jafer Kuli⁵². Shefi', their chief, is now a fugitive in the mountains. (Lavard, 1846: 12).

Hamule has four *tæš*, namely *tiəzgærð*, *ærdešqeriv*, *šeix* and *dæwmæmeði*. It is very customary in Bakhtiari to attribute some character or even totem-like tags (Elima, 1995: 21-25) to one and every tribe or *tæš*, sometimes in a pejorative way. For example they call the people of the Bamedi tribe as *bameði xers*⁵³, and the Monjezi people are known as *monjezi goraz* ⁵⁴. The Hamule are called *musir-čin* 'shallot- pickers', apparently because in their summer quarters, the land is rich in wild growing shallots, and this is one of the main activities and sources of income for the women of the tribe, which sometimes provokes some jealousy in the neighboring tribes who do not possess as rich or fertile land.

From the four *tæš* of the tribe, *tiəzgærdun* 'the members of Tizgard clan' are known as *feng* 'seditive', starting many unwanted disputes and fights between the other members of the tribe, especially in the older times when the *kælantær* (See2.2.1 above) of the tribe was chosen from their *tæš*. Some of these *kælantærs*, who were supposed to supervise the affairs of the tribe and act as a link between the Hamule and the Ilkhan, and eventually, the government, would act not quite based on honesty. For instance, in matters concerning the purchase or distribution of the allocated lands and pastures to their own subjects, there were times that they did some mischief such as selling a certain piece of land to several families, the dispute over which continues to this day, even years after they have all passed away.

ærdešqerivun, to which my æwlad belong, are called æχe espiəð 'white-colored', apparently because the speakers or representatives of the tribe were chosen from them, believing that they are meilesi 'sociable or conciliar'. Interestingly, they are also known as seng-seng-kon 'one who takes his time to do a job, sometimes in an excessive way'! After 1925, when Reza Shah Pahlavi ordered the issuing of Identity Cards for all the population, many people belonging to this tæš chose Ardeshiri as their family name.

they developed a very close friendship. He passed away in 1851 in Nasser uldin Shah-e Qajar's prison.

^{51.} Andeka /ændeka/ and Shimbār are still the winter quaters of Hamule tribes.

^{52 /}Mæmæd meiti/ and /jæfær goli/ were Haft Lang chiefs of the time.

^{53.} bear-like.

^{54.} boar-like.

The šei χun are known being stubborn and quarrelsome. Sometimes also called šei χ -e goraz, pejoratively, apparently for the same qualities, they were known as the best gunmen of the Kh \bar{a} ns. My paternal grandmother, Shirin, belonged to this $t\alpha$, and had to marry my grandfather as part of a hin- $b\alpha$ 'stop bloodshed' tradition, to put an end to a severe conflict and bloodshed aroused by the incident of the death of my grandfather's brother, allegedly being shot by Shirin's father.

The *dæwmæmidun* were notorious for being not very tidy and there are even some sayings in the tribe referring to the reluctance of other tribes to reside even temporarily on their encampment grounds. Ironically, this *tæš* are now known to have the most highly educated population of the Hamule, one of them has even become a member of the parliament for some years and now because of the higher social status, the *šora* 'the council of the community under the Islamic administration' is located in their village of Dime and one of them acts as the head of this council.

It should be noted that these are the attributes that the four *tæš* of Hamule give to eachother, while other tribes may give them different names, based on their shared past experiences and also according to their hostile or amicable relationship.

The summer pastures and territory of the Hamule are located in Chahar Mahal-o Bakhtiari province, starting from the vicinity of La Hoshk and Dime, a village locating in the rural district of Shurab of the central division ($b\alpha\chi\delta$) of Kuhrang county (Coordinates: $32^{\circ}30'32''N50^{\circ}13'10''E^{55}$); spreading northward, on two sides of the road at the skirt of mounts locally called *kolong-e hær-e nær*, *keft-e gorgõæk*, *mol-e zærð* and *sælæ tor* towards *xorbe* and *dæšt-e lale*⁵⁶ fields, *bænæw-esteki* and *tuf-espiðð* villages. Their tents are also scattered according to *tæš* and *æwlad* divisions all around this area and also on the both banks of the river called *æw-e xorbe*. Their winter quarters are more dispersed, but are all located in the Khuzestān province, mainly in and around the cities of Masjed soleimān, Lāli, Andekā and their surrounding fields, mountains and areas such as *asemari*, *bætevæn*, *šelal* and *sær qæč-e qændom-kal*

^{55.} Available at URL (17-09-2016): http://web.archive.org/web/*/%20http://en.wikipedia.org/wiki/Deymeh, Chaharmahal and Bakhtiari.

^{56.} The field of Crown imperial or Kaiser's Crown in *xorbe* is one of the major touristic attractions of Iran. The major part of this field by inheritance belongs to the Hamule tribe but is now claimed as a national resource.

2.3 THE BAKHTIARI LANGAUGE

Bakhtiari is classified as a southwestern Iranian language. Historically, it is geographically adjacent to New Persian, which explains much about the linguistic similarities of the two languages from both diachronic and synchronic perspectives. There are, however, some elements in Bakhtiari that single it out from the other southwestern Iranian languages.

In phonology, for example, some of the changes from the Middle Persian to New Persian seem to take a different path in Bakhtiari. An example is the change of intervocalic *m to w as in $\bar{a}mad > oweid$ 'came'. On the other hand, there are also changes within New Persian that did not happen in Bakhtiari, such as the metathesis of $-hl > -l\chi$: Bakhtiari and Middle Persian tahl versus New Persian $tal\chi$ 'bitter' (Windfuhr 1988: 560).

In addition, Bakhtiari kinship terminology contains some words that are different from all the other Iranian languages; examples include *kiči*, 'father's sister' and *qeu*, 'brother' (See section 3.1.1below).

There are some words that seem to have not gone through almost no changes from Middle Persian and are inherited by Bakhtiari, such as MP *bāhi* > Bakh. *båhi* 'arm' or MP=Bakh *angust* 'finger' (See section 3.1.1below).

As for grammar, the passive suffix -*ih* of Middle Persian did not survive in New Persian, but left its trace in some Bakhtiari verbs, such as $\chi \alpha r \delta \rho n$ 'to eat', $\chi \alpha r \delta \rho n$ 'to be eaten'; or *e-der-i-s*, 'you'll tear it' and the passive form *e-der-eh-e*, 'it will be torn' (See section 6.9 below).

Moreover, there are some structures, not productive but frequently used, that represent a more complex syntactic treatment in the language: $n\alpha$ -god-om-et-es? (NEG-say.PST-1SG-BP.2SG-BP.3SG) 'Didn't I tell you that?'. This involves a sequence of three arguments which is not possible in Persian, i.e.: -om=et=es, that is, a suffix and two enclitics (See examples 97 and 98 in the section 5.6.1.2).

In the main Bakhtiari speaking regions, some other Iranian and non-Iranian languages are also frequently in use by non-Bakhtiari ethnic groups of the area. In Ahvāz, for example, the central city of Khuzestān province⁵⁷ with a population of over one million, and as is expected, a multi-ethnic city, approximately 36% of the inhibitants are Arabic speakers. Khuzestāni Arabic, as MacKinnon (2014) points out, is 'of the Persian Gulf type, not fundamentally different from Kuwaiti Arabic'. The Bāzār, one of the major business sections of this very old, historic and now major industrial city, has always been run in the main by the Shushtari, the Beh-

^{57.} Before the large-scale immigration that took place during the 20th century and afterwards, the population of Khuzestan consisted for the most part of two linguistic groups: speakers of Arabic, who lived in the area stretching from the Persian Gulf and the Shatt al-Arab (Šaṭṭ al-ʿArab) river inland to the city of Ahvāz, and speakers of Iranian dialects, who inhabited the area to the northwest and the foothills and mountains of the Zagros range (Mac Kinnon 2014).

bahāni and the Dezfuli merchants and salespersons. While these groups migrated from their respective towns to Ahvāz centuries ago, many of them have kept their dialects, apparently for sociolinguistic reasons.

These three ethnic groups are known by the Bakhtiari, firstly, for their *zown-e* čæp 'distorted language'⁵⁸ and, secondly, for being very cunning and artful traders which in the eyes of a Bakhtiari nomad is not a virtue. To be so concerned about money or materialistic values at the expense of being kind or truthful to people, is not considered to be moral and the Bakhtiari culture detests it.

Some Turkic nomads also live among the Bakhtiari, some in villages like Khuygān-e Olyā⁵⁹ and some in semi-pastoral families which are scattered among the nomadic areas. One family of them, whom I met and spoke to in one of my visits to Mahnesa's mal (see below 2.5.1), erects their tent every year in *tištærdun*, near the Hamule families. There are also some villages in the Fereydan⁶⁰ region of the Esfahān province that even have Armenian and Georgian speakers. The Georgian or Gorji people, as Iranians call them, live in several villages of Fereydan or Fereydunshar County, but they only have Lori/ Bakhtiari⁶¹ neighbors mainly in the two villages of Choqyort⁶² and Nehzatābād⁶³ in Cheshmeh Langān Rural District, in the Central District of Fereydunshahr County, Esfahān Province. Armenians live mainly in the village of Zarne⁶⁴, in the Yeylaq Rural District, in the Central District of Buin va Miāndasht County, Esfahān Province and also in Khuygān-e Olyā.

The socio-linguistic situation of these mixed villages seems to be a perfect subject for contact linguists, since, to my knowledge, no source is available about the effects of these languages on each other over the centuries of contact. The same is true of the Arabic dialects of Khuzestān and their probable borrowings from the Iranian languages of the area and vice versa. I am particularly curious about the language of a Bakhtiari tribe that, supposedly because of decades of living in Arabic-speaking regions, are called Arab Kamari. The attire of this tribe's women still has some Bakhtiari touches but mostly resembles the Arabic attire. Working on each one of these languages in relation to Bakhtiari is also a desideratum to be fulfilled in the future.

^{58.} This is how Bakhtiaris usually express their impression vis-à-vis languages that are similar to theirs; i.e. other Southwestern languages, but which they cannot understand fully.

^{59.} Available at URL (24-12-2016): http://web.archive.org/web/*/http://en.wikipedia.org/wiki/Khuygan-e Olya

^{60.} Available at URL (14-10-2016): http://web.archive.org/web/*/http://en.wikipedia.org/wiki/Fereydan

^{61.} Because I personally have not been to this area, I cannot define what exactly the Wikipedia page means by Lurish dialects of the area. I will certainly ratify this problem in my future trips to the area. 62. Available at URL (17-10-2016): http://web.archive.org/web/*/http://en.wikipedia.org/wiki/Choqyurt

^{63.} Available at URL (02-01-2017): http://web.archive.org/web/*/http://en.wikipedia.org/wiki/Nehzatabad, Fereydunshahr

^{64.} Available at URL (22-10-2016): http://web.archive.org/web/*/%20http://en.wikipedia.org/wiki/Zarneh,_Isfahan

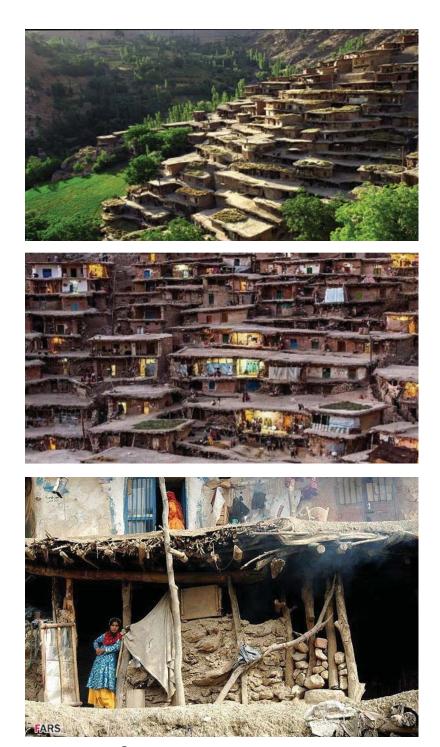


Figure 9 a,b,c:Sar-e $\bar{A}q\bar{a}$ Seyed village with its unique architechure and people

The closest relatives of Bakhtiari, however, continues to be the variety of Kohgiluye-o Boiramadi. Several attempts have been made by scholars to draw a meaningful divide between the languages in the so-called Lori/ Luri continuum. MacKinnon and Amānolāhi, believe that the first line should be drawn between Northern Lori and Southern Lori, in the former's terminology Mac Kinnon (2011) and Lori-e Bākhtari and Khāvari 'Western and Eastern Lori' in the latter's Amanollahi (1991:52). They are spoken, respectively, by the Lor-e Kuchak of the Lorestān province and by the Lore Bozorg (the Bakhtiari and the Kohgiluye-o Boiramadi). Anonby (2003-b), not quite satisfied by this distinction, suggested a more refined distinction in the continuum, because he found it "...important from the viewpoint of structure, lexicon, and inter-intelligibility to make an additional distinction between Baktiāri and the remaining varieties to the south". He introduced the three-layered category of Northern Lori, Bakhtiari and Southern Lori. I can only add that as a native speaker of Bakhtiari, the variety spoken by the Bakhtiari and the Kohgiluye-o Boiramadi can easily be considered as two dialects of the same language, based on the hands-on criterion of mutual intelligibility while the so-called Northern Lori, for a Haft Lang Bakhtiari is as distinct as Persian. For the Char Lang Bakhtiari living in cities and villages closer to Khoramābād in Lorestān, the degree of mutual understanding is probably higher.

Within the Bakhtiari itself, the locals would mention two major dialects, Haft Lang and Char Lang, and within Haft Lang variety, they think that the *Mæwri* and *Bavadi* tribes speak another variation. In my field visits, I did not notice major differences within *Bavadi*. The dialect that struck me as very special, however, was the one that is spoken in a very old and remote village called *sær-e aga seyed*⁶⁵, in which the shrine of one the Shi'a Imāmzade, Āqā Seid is located. He is among one of the most sacred *pirun*⁶⁶ of the Bakhtiari, especially for the Haft Lang. I have some recordings of this variety but unfortunately I have not yet had the time to work on it.

It is worthy of note that I have also heard the mention of a secret language, *tošmali*, used and spoken only by Toshmals who are the local musicians.

To conclude this section, I would like to mention the phenomenon of a rather abrupt and widespread borrowing from English that started almost at the same time of as the appearance of the oil and the British in the Bakhtiari region until approximately the Islamic Revolution of 1979 when the Americans, Hindi⁶⁷ and other English speaking employees of the Oil Company and related corporations

^{65.} Sar Aqa Seyyed is a village in Miankuh-e Moguyi Rural District, in the Central District of Kuhrang County, Chaharmahal and Bakhtiari Province, Iran. At the 2006 census, its population was 1,360, in 208 families. Available at URL (07-09-2017): http://web.archive.org/web/*/http://en.wikipedia.org/wiki/Sar_Aqa_Seyyed

^{66.} *pir* is the term that Bakhtiaris and some other Iranian peoples use to refer to their sacred figures. In Bakhtiari the word Imāmzade or Emāmzade 'born by an Imam, decendant of an Imam' is not used. Every tribe affiliates itself with a pir, the most popular ones include: pir-e boveir; Soltun Bereim; aqa Seid; Bava zeid. To learn more about sacred places in Bakhtiari see Brooks (2002).

^{67.} At that time, Hindi doctors were employed to work on very remote villages and towns.

and organizations were forced to leave the country. This borrowing is very significant because the loan words and expressions are used specifically in this area and not in other parts of Iran. In 1996, while still an M.A. student, I did a relatively thorough research on this subject, and collected a list of about 350 loan words and published them in the linguistic quarterly of The Iranian Academy of Language and Literature (Zolfaghari, 2002). The article was in Persian, but I have added a shorter and translated list here in Appendix 1. In the next section, parts of this research will be presented in the body of a choronological sociolinguistic overview of the language.

2.4 THE SOCIOLINGUISTIC SITUATION

In 1996, as part of my master's thesis, I started a field work investigation to see whether the Bakhtiari language, which at that time I was advised to call a dialect, is in danger of extinction, and whether the speakers were shifting to Persian or would maintain their language. This was the first research of its kind to be conducted on the Iranian languages. Therefore, I had no model to follow. With the guidance of the supervisors⁶⁸ of the project. I devised a questionnaire, containing some 32 open and muliple-choices questions, incorporating all the relevant factors concerning language use in different social domains. Around a hundred and fifty questionnaires were distributed among women and men of five age and three educational groups⁶⁹ in the city of Masjed Soleiman, which has over 90 percent of Bakhtiari speakers. The interviews and collecting the data took around six months, and then the results were processed using SPSS software. Some of the results were unexpected and did not support the initial hypothesis of the project, but in general a decline of 0.4% per decade of the use of Bakhtiari was calculated. This we considered to be an optimistic result and we realized that the variety of Bakhtiari used in Masjed Soleiman could not be considered endangered, mainly due to the robust attitude of its speakers towards their culture, language and traditions (Zolfaghari, 1997, 2001, 2003). Some of the tables and charts are reproduced here as representative of the research.

As I will explain in the following paragraphs, the results of my MA research, carried out nearly two decades ago, may now be considered to be outdated. Not only the socio-linguistic factors in favor of their language use have not changed during the past two decades, but they have also been intensified by the introduction of new technology and media facilities. As an example, when in 2009 I started to look for online sources on Bakhtiari to consult for my present research, I was completely astonished by the number of Bakhtiari or Lori blogs, webpages and sites

^{68.} Prof. Yahya Modaressi, a prominent Iranian socio-linguist and Prof. M. Dabir Moqaddam, an internationally credited Iranian typologist and linguist.

^{69.} Age groups: 19<, 20-29; 30-39; 40-49 and 50>.

Educational groups: illiterate- primary school (Year 6); year 7-high school diploma and university level.

propagating the language and the culture, each in its own professional or amateur way. Nowadays, one of the most amusing hobbies of the young Bakhtiaris is producing funny text messages, incorporating old and traditional verses and sayings in a modern context, like changing the old complaint of a lover to his beloved for not glancing at him while passing each other on the migration route, by substituting it with his complaint of her not responding to his WhatsApp smilies or text messages⁷⁰!

On Facebook there are hundreds of different ethnic pages. I am aware of some 30 different Bakhtiaris alone, almost all of them are trying to promote the language, the music, the history and the culture in general. Stand-up comedians, short videos, music video clips, documentaries, pop and even rap songs are among all the different contemporary ethnic Iranian reproductions of their cultural interests.

There are numerous books, mainly poetry and proverbs, written and published every month. Last year we even witnessed the birth of a Bakhtiari Encyclopedia of 700 pages, compiled and written by only one author without bibliographical references⁷¹! Recently another Bakhtiari encyclopedia has been published, its title, *Bakhtiarica*⁷², modeled after the prestigious *Iranica* or perhaps *Britannica*.

It is worth mentioning that these more passionate and less scholarly activities are not limited to the Bakhtiari, but can be seen more or less from nearly every other Iranian ethnic group. The exact reasons behind these vigorous representations of interests and sometimes prejudices about one's ethnic origins in Iran are hard to find and explain and it certainly requires a thorough sociological investigation which is beyond the scope of the present research. One incident, however, may indicate the idea that a major factor involved here is a fight for identity which sometimes is felt to be under attack by the mainstream Persian culture. In 2014, a TV series was produced and broadcast by the national TV called *Sarzamin-e Kohan* 'The Ancient Land', following a story which began around the WWI. In the fourth episode, a Persian who is involved in a dispute with the family of one of the prominent Bakhtiari Khans⁷³, accuses him of being a puppet in the hands of the British

^{70.} ær bin-i zæng ni-zæn-om, ni-d-om pæyam-i/dir-a-dir dus=et dar-om, hær do tiy=am-i 'If I don't send you an SMS, I love you from a far, as much as my two eyes', where the words for SMS (pæyam-i) rhymes with 'my eyes' (tiyam-i).

^{71.} The author is a Hamule from dæwmamedi tæš. I was very eager to see and read this book, because in one of her interviews the author claimed that this book is a joint production of her father and her own and she was trying to transfer his knowledge and information to the next generations. I have met her late father, who was one of the respected riš sæfids 'respected elderly member' of the tribe and that made me have high expectations from the book. When I finally received the book via post, my expectations turned out to be unrealistic. This young author has apparently chosen to follow the existing practice of the local scholars, compiling the fragmented information in a non-scientific or scholarly manner.

^{72.} I haven't seen the book yet, and only saw the book cover on one of the Bakhtiari Facebook pages. 73. A portrait of Sardar Assad, the second, hung on this family's living room wall, indicating their affinity with the so-called great Ilkhans. Later, the director of the film, to ratify this unexpected reaction, claimed that all the personages are fictional and do not represent any historical figure, but this one portrait was enough for the Bakhtiari mob not to believe him.

and a traitor to the country. The next day, there were thousands of Bakhtiaris in the streets of Esfahān, Ahvāz and some other cities, protesting against the national TV, the film and its director, accusing them of a conspiracy against the Bakhtiari. They continued the demonstrations and protests, backed by some open letters of prominent Bakhtiari poets, writers and scholars to the point that the authorities decided to prevent the series from being broadcast. Now, the point is, I was sure that most of those protestors in the streets had not even watched the film, and I even called some Bakhtiari relatives to check this. It turned out to be true. They, however, joined the crowd for the simple reason that they felt the Bakhtiari should always be united against an outsider's attack. Almost the same reaction can be seen every time there is an election in the country. They will vote for a Bakhtiari candidate, no matter how incompetent he is, chanting a Bakhtiari saying: $liš-e \chi om-un bæh ze \chi uv-e mærdom=e$ 'Our own bad is better than the others' good one'!

From a linguistic point of view, we can only conjecture that this rigorous solidarity can at least play a positive role in preserving the Bakhtiari language and lead to the production of more cultural materials. Having this socio-cultural introduction in mind, now we can consider and interpret the following charts more conveniently.

The first chart shows the percentage of Persian and Bakhtiari monolinguals in the research community:

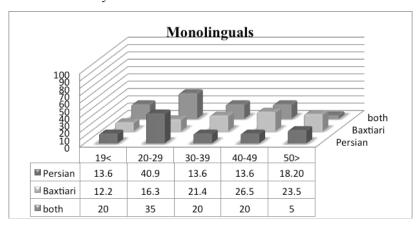


Figure 10: Percentage of monolinguals in Persian or Bakhtiari

As can be seen in figure 10 above, in 1996, the percentage of Persian monolinguals in the younger group was less than in the age group of 20-29 and equal to older groups of 30-49 and 40-49. This was unexpected and at the same time promising for the maintenance of the language. The reason that the age group of 20-29 had more Persian monolinguals and at the same time the highest percentage of Bakhtiari-Persian bilinguals (35%) was the result of the migration of this group to Persian speaking cities during their teenage years and younger, due to Iran-Iraq war.

In the next diagram, we tried to figure out what languages people are multilingual in and to what degree. The question was: Which language did you learn as your first language?

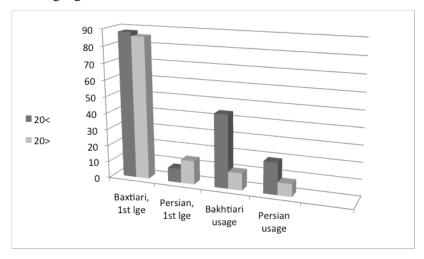


Figure 11: Percentage of the first language (Persian or Bakhtiari)

A high percentage of both age groups of younger than 20 and older, still considered Bakhtiari their first language (87,9% and 85,7% for Bakhtiari versus 8,6% and 14,3% for Persian, respectively). As expected, the younger group used Persian more than Bakhtiari (fourth pairs of columns 19,2% versus 7,7%). Contrary to the hypothesis, though, the younger generation used Bakhtiari more as well (44,3% versus 10,4%). It means that the children younger than 20 years of age learned and used Bakhtiari four times more and Persian around three times more than the older group, which is a very good indication for the survival of a language (Zolfaghari,1996: 202).

In the next step, women and men were asked about their language choice in domestic domains. The hypothesis was that women, being less sociable and busier at home use Bakhtiari more than Persian. The results in figure 12, however, followed:

language use			
gender	Persian	Bakhtiari	both
male	08,0	79,5	9,1
	31,8	71,4	40,0
female	26,8	50,0	21,4
	68,2	28,6	60,0

Figure 12: Percentage of the language choice in domestic domains

Both groups chose Bakhtiari over Persian (79,5% for men and 50,0% for women). However, men used Bakhtiari almost twice as much as women, while women use Persian at home almost twice as much as men (68,2 % versus 31,8%). Therefore, the related hypothesis which assumed a higher usage of Bakhtiari in a domestic domain, was not supported. One explanation for this unexpected result could be the more active role of women in the literacy of the children.

Another question was whether they try to hide their Bakhtiari accent while speaking Persian (answer indicated by Yes) or not (No) and give reasons for each choice. We assumed that the positive answer to this question can be an indication of low esteem in using their mother tongue which is not promising for the maintenance of the language. Figure 13 shows the results:

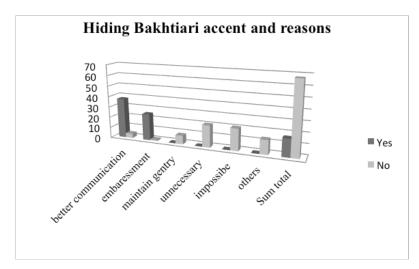


Figure 13: Percentage of hiding Bakhtiari accent and reasons for doing or not doing it

In the sum total columns we can see that 67,4% of them did not hide their accents as opposed to 16,7% who did. The major reasons were because they found it unnecessary or impossible to do so (both with 20,6% frequency). The people who were trying to hide their accent, however, were doing it only 25% out of embarrassment, but more than 37/5% for maintaining better communication, both of which are promising for the survival of the language.

To end this section, I will present yet another diagram which relates to the much debated issue of the effect of the media on language use and its maintenance. Diagram 14 sums up the usage status of media in Masjed Soleimān and its interaction with people.

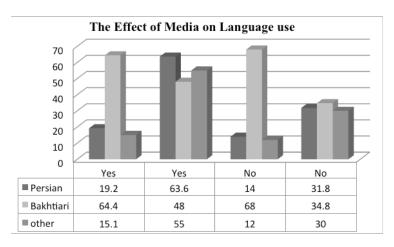


Figure 14: Percentage of the effect of media on language use

The participants of the research were asked whether there are Bakhtiari Radio and Television broadcasting in their town and how it affects the usage of Persian and Bakhtiari. The ones with a positive answer used Bakhtiari in a higher rate at home (64,4% versus19,2% Persian), while in the group with the negative answer, again the usage of Bakhtiari is higher than Persian (68% versus 14%). The positive group also used Persian at home more than Bakhtiari (63,6% against 31,8%)! This was another case where we didn't receive the expected results, i.e. the fact that the media affects the usage of the native and local languages negatively. Instead we found that in Masjed Soleimān, the media did not have any direct effect on the language use.

Presenting all the results of the 1996 research is not the goal here, because there are just too many charts, diagrams and statistics involved to investigate the usage of the Bakhtiari in different social domains by different age and gender groups with different educational backgrounds. The final results, however, were of importance since they showed that in 1996, in the main Bakhtiari city of Iran, the practical situation of Bakhtiari was not endangered and as mentioned above, a decline of 0,4% per decade could be diagnosed between consecutive generations. It would be very useful to repeat this investigation now to see whether this prediction was true or only desired.

2.5 CONSULTANTS

Six out of seven consultants of the present research belong to the Hamule tribe, the first five from *tæš-e ærdešgæriv*, and the last one from *tæš-e tiəzgærd*. The last one, Maddadi, is also a Haft Lang but from *almæhmiədi* tribe.

1. Mahnesa Zolfaghari-Ardeshiri, 61, widow, housewife/herder.



Our great-grandfathers were patternal cousins and hence the same family name indicates a shared ancestor, Zolfaghar /zolfægar/. She married another ærdešgæriv member who unfortunately passed away 19 years ago and left her to raise their 13 children single-handedly, the oldest still being a teenager at the time. This astonishingly beautiful lady is one of the smartest and most courageous women that I have ever seen in my life. She has a profound knowledge of the nomadic, herd-breeding lifestyle and when asked, she is very generous in sharing her expertise with others. I met her for the first time some twenty ago, during her father's funeral, found her very strong and intelligent and through years we were able to develop a very deep friendship of mutual understanding. She was my host and closest companion through the very difficult and dangerous migration route in autumn 2007. Mahnesa, together with Homa (5. below) are my main gates access to the world of nomad women and only they can answer my questions that are related to the community's realm of taboo. Mahnesa has never lived in a city and in all her life has just seen five major Iranian cities, namely Ahvāz, Masjed Soleiman, Esfahān, Shahrekord and Tehran and some in-between smaller ones. Interestingly she is not unfamilion with other coutingsts having trave

iar with other continents, having traveled to countries such as Spain, Mali and Thailand to attend conferences and workshops on nomadic societies organized by IUCN CEESP⁷⁴ to share her local knowledge and experiences as a representative of Iranian nomads.⁷⁵

2. Esfandiar Ardeshiri, 39, married, herder and driver.



He is Mahnesa's oldest son and now the head of family. He is a very smart and resilient young man, being weakened for many years by addiction to opium, but was always treated by Mahnesa as the most respected and trustworthy son, which I could not fully comprehend, considering his severe condition. Five years ago, however, he decided to get rid of the addiction, and in one go, came out clean and healthy, got married and in my last trip in December 2014, I saw him as a loving fa-

^{74.} From their website: "IUCN, International Union for Conservation of Nature, helps the world find pragmatic solutions to our most pressing environment and development challenges" and "CEESP, the IUCN Commission on Environmental, Economic and Social Policy, is an inter-disciplinary network of professionals whose mission is to act as a source of advice on the environmental, economic, social and cultural factors that affect natural resources and biological diversity and to provide guidance and support towards effective policies and practices in environmental conservation and sustainable development. Available at URL (25-09-2017): http://web.archive.org/web/*/http://www.iucn.org/about/union/commissions/ceesp/

^{75.} During 2005-8, I cooperated with CENESTA (Available at URL (07-09-2017): http://web.archive.org/web/*/http://www.cenesta.org/) an Iranian NGO linked to IUCN, and introduced them to Bakhtiari tribes and helped them to initiate one of their preservation projects in the Hamule tribe territories: Available at URL (07-09-2017): http://web.archive.org/web/*/%20http://www.cenesta.org/?page_id=2150.

ther of his beautiful daughter, and only then I realized why his wise mother always loved and respected him for his strength and reliability. His van has always been a source of income and transportation for the family, but the main source of income for this extended family has always been their herds of sheep and goats. He now lives with his new family in a tent next to his mother's. The last time I was their guest on New Year's Eve of 2014, he kindly stayed up all the night, taking over the role of his mom who answered my questions until 3 in the morning.

3. Omidvar Ardeshiri, 37, single, student, B.A in Civil Engineering.



He is Mahnesa's second son and is regarded as her *kor-e šæhr-i* 'urban son'. He regulates the family's affairs in the city, and supervises his younger siblings' schooling and accommodation in a village near Masjed Soleimān during the school year. He is also now an active member in CENESTA preserving project in the Bakhtiari area. He is my connecting consultant through social media and other new technological facilities, calling and texting him through Viber, WhatsApp or Facebook to ask questions which he either answers directly or after consulting Mahnesa or others in the tribe.

4. Negahdar Ardeshiri, 31, single, herder.



He is Mahnesa's third son who has always lived as a nomad. Genetically, his eyes have a dropped-lid condition, which was one of the reasons that he had never wanted to go to school, probably in fear of being bullied. But despite his physical condition, he is very high-spirited, lively, big-hearted and a bundle of laughs. He is always at the center of late night gatherings around the hearth, singing local songs, playing his handmade Ney⁷⁶, or recounting or even making very funny stories. Everybody loves him and sometimes people from other tents decide to come all the way up to the top of the *tištærdun* mount and valley, where their tent is located, to stay a night or two in the joyful and heart-lightening company of Negahdar. One of the most memorable and hilarious nights was one summer night in 2013 when I was working on the calling systems of shepherds and per my demand, he produced, one by one, all the sounds and voices that one can hear from the domestic animals in different situations (being hungry, angry, thirsty, mating, crying, ...) and performed all the different whistles, shouts and interjections that are normally used by the nomads to communicate with their herds. He performed all these with great mastery and enthusiasm and sometimes we even had to witness some competition between other members of the family to either correct Negahdar or show off their own more skillful performances, which in the end all of them failed in combat with Negahdar and they only created the most hilarious scenes that almost split our sides laughing.

^{76.} A traditional wind instrument: Available at URL (14-09-2017): http://web.archive.org/web/*/https://en.wikipedia.org/wiki/Ney

5. Homa Ardeshiri, 57, married, housewife, high school diploma.



Homa was born and raised in Masjed Soleimān, therefore she has always been a city girl, but because her father, the late Gharib Ardeshiri⁷⁷, was a self-learned man and for many years was respected as a *riš sæfid* of the *tæš*, she has learned a lot about the Bakhtiari tradition, rituals and social dynamics. She is married to my first cousin, and that made her very approachable and close to me. On my field trips she usually is kind enough to accompany me and acts as a mediator when asking a question that can be tricky for cultural reasons, and this very intelligent and witty lady helps me to get the right answer without creating any inconvenient situations.

6. Huri Taheri-Zolfaghari, 65, widow, housewife, primary school education.



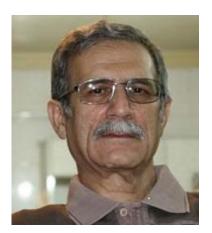
She is my aunt, my father's brother's wife. She lived as a nomad until she married my uncle, an employee in the National Oil Company. She has lived most of her life in Masjed Soleimān and at present lives in Ahvāz. She is my main consultant in regard to questions related to Bakhtiari customs and socio-cultural history. With her sharp memory and rich mental lexicon, she can remember how things were in the past or how they used to be called or performed. She is also very smart, and after moving to the city, taught herself how to read and write to a level that could help her children with their school work. She is my role model with her resilience and hard work and while I was

active in the nomadic areas to help them with their issues with governmental organizations, she was and is my most trusted advisor. She is usually the first one to contact, when I have a burning question in my office in Leiden, sending my questions to her daughters or sons through different mobile applications or Facebook, and most of the time she can provide me with a definitive answer. From a year ago,

^{77.} To my knowledge, he was the only one in Hamule tribe who knew the *Shahname* by heart and could read or recite it in the traditional Bakhtiari way.

she has started writing her memoires, and has shared her worries and doubts about her level of literacy with me, but when I assured her that I will edit them with great pleasure, she has become more encouraged to continue. Now I am enthusiastically waiting for her work, knowing that they will contain very precious and original information about the everyday and social life of the Bakhtiari from at least the second part of the previous century to the present.

7. Zohrab Maddadi, 65, married, retired teacher, B.A. in Persian literature.



In addition to his book, *Vazhe Name-ye Zaban-e Bakhtiari*, which has been my main reference book from the beginning of my research on Bakhtiari since 1996, he has always been very generous and helpful in answering mainly my grammatical questions. When in doubt about my analysis, I could either call him directly or receive an answer through email and mostly through his daughter's (Pouye Maddai) Facebook page. Among many Iranian researchers or interested locals writing on the subject, I have found only Maddadi's work to be a solid, reliable source, mainly due to the honesty, perseverance and precision that he applies to his work.



2.6 A TYPICAL SUMMER DAY IN eilag-e xorbe

The following paragraphs attempt to illustrate a typical day in the life of a nomad family in the area related to this study. This description is based on my participatory observations during several years of facilitatory activities among these families while they were in their summer campsites in the *xorbe* area east of Kuhrang county in Charmahal-o Bakhtiari province. Their activities, concerns, relationships, livelihood and hobbies may differ from other Bakhtiari nomads even in the remaining countryside of Kuhrang. For instance, in this community handicrafts are rarely practiced, while among Mauwri or Arpanahi tribes who reside in the West and North-west areas of Kuhrang, some women spend the major part of their day weaving carpets, kilims or other weaving crafts. *musir čini* 'shallot picking and processing', on the other hand, is almost exclusively done by women of Hamule tribe.

A typical day in our nomads' household begins with the ding-donging of the herd bells in the dawn mingled with a variety of noises and whistles that the watch dogs and the shepherds produce to direct the herd in certain directions. In every nomad's household, based on the size of the herd and man force, the herding will be taken up by two or three male and rarely young female and adolescent female members of the family. In some cases the family can afford to hire a shepherd. These members, who, as mentioned before, are usually very young boys, are the first to get up and with an admirable commitment, leave their bedding very early, in spite of constant vigilance of the previous night in fear of a wolf or thief attack, start their daily routine energetically and with great sense of responsibility. They begin the day by beinæt kerden and ču zeiden of the herd; both mean the counting of the herd. Then they grab a torbe 'a small cotton bag' and lead the herd towards the pasture.

The lady or mother of the family gets up at dawn, wakes the lads up and after the herd has left, she goes back to bed for some warmth in the cold mornings of *eylag*. Not long after, she will be the one to make the first fire of the day in the *čale* 'the fire place dug in the ground', then grabs the twenty-liter plastic containers, which nowadays have substituted the traditional *mæšk* 'goat-skin water container', and alone or accompanied by girls of the neighboring households, walks towards the nearest spring to fetch the water necessary for the first half of the day. The weather in *eylag* can get very cold during the summer nights and early mornings and the springs of the area are also known for their freezing cold water. Therefore, for a woman dressed in rather worn-out clothes, carrying two heavy water containers on a rugged path which causes splashing of the water on her feet and dress is not always a very pleasant daily routine. In the early mornings, however, sitting under a *bohun* 'the black tent made out of goat hair' and looking out, one can see a usually smiling girl/woman coming back from *sær-e æw*⁷⁸, without even being asked directly to do such a troublesome task.

^{78.} literally 'on the head of water' which means a stream or spring mouth.









Then it's time for *hevir šešniden* 'kneading of wheat dough' and *čå(h)i rast-kerden* 'making tea'. Many of the elderly Bakhtiaris are used to drinking *čå(h)i našta*⁷⁹ and after two or three cups of tea with several sugar cubes, the daily chores begin. One of the female members, usually the mother or the grandmother gets ready for baking the quintessential part of a Bakhtiari diet, i.e. the *tiri*⁸⁰ bread, a very fine, round and almost transparent kind of bread. She will spread the baking table cloth and put *tæwsi* 'a round and low wooden table-like board on which the dough is spread' in the middle of it and the special rolling pin *tir* (hence the name *tir-i* for the bread) on the baking board. A round, convex-formed piece of iron, *tæwe*, will be placed on the fire pit to make a sort of open air oven. Then it's time for *moče kerden* 'making small ball-like pieces' of the dough which has now rested enough, cutting it into rolled pieces, the size of a small ball.



^{79.} našta 'fasting' so čåhi našta means drinking tea before eating bread or breakfast.

^{80.} The name is taken from the device, tir, that is used to make it.

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The dough balls will be rolled out on the board using the rolling pin and then the most difficult part, *tir zeiden* begins, which distinguishes a professional baker from an amateur; that is, turning the bread on the *tir* and beating it against the board several times to make it bigger and wide enough to match the size of the *tæwe* (see the pictures below),





and then the bread will be rolled down on the tæwe.81





In the meantime, the sun has risen and the rest of the family has gotten up; one is looking for a jar of water to wash his or her face, the other is on the way to a far and hidden place to use as toilet (in case they have not made a camping toilet), whereas another one is running to shoo a $\check{c}arb\tilde{o}^w$ 'quadruped' or $heyv\tilde{o}^w$ 'donkey or mare/ horse' that erratically wandered into the crops to graze.

When the bread is ready, everybody gathers around the breakfast tablecloth for $n\tilde{o}^w \chi arden$ 'bread-eating /eating in general'. Bread, yoghurt, honey, homemade butter, kebab, $to\chi m$ 'egg' and $tare lori^{82}$ fried in animal fat and rarely cheese are the items served as breakfast, based on the season and the wealth of the family.

If the family is in possession of a dairy cow, it should be milked before the breakfast. Milking the cow is always a woman's job, only in rare occasions when

^{81.} Available at URL (26-01-2017): https://web.archive.org/web/*/https://fa.wikipedia.org/wiki/دهستان کفشکنان

^{82.} *tære* is a dark green herb that is very popular in Iranian cuisine, but not very known in Europe. It is apparently from the family of *Allium ampeloprasum*, but the so-called by Bakhtiaris *lori* species grow wild and picked up by women, dried and powdered to be served with some food and drinks.

for some reason no woman is present in the *mal*⁸³, a male member will take over this role. Therefore, if in a family, the lady of the house has both responsibilities of baking and milking, she will then get the baking dough ready on the previous night in order to have time to do both of these very quintessential daily jobs in the morning. After milking the cow, the milk is put on the hearth to boil, then after it cools down, they will add *čit*⁸⁴ to it to make yoghurt out of it. *du zeiden* 'making yoghurt drink' is also one of the morning's chores.



During breakfast, the family members will talk about the day's program and the division of duties among each other and then everyone sets off to do her or his allocated job. The girls and women get busy with washing $daelfa^{85}$ 'dishes' and collecting $ja-ha^{86}$, tidying up their **bohun** and **hive čiden** 'firewood-picking'.

The men and boys gussy themselves up and get ready to go to town, in this case to Chelgerd, for the daily shopping, going to jahad⁸⁷ to hand in a request for their agricultural needs, such as fertilizer or technical help with the machinery, going to the communication office to call their relatives in the *gærmesir*.⁸⁸ 'the warm lands/ cities' for those few people who still do not have mobile phones and doing other domestic chores.

^{83.} *mal* refers to either one tent and its members, several tents with members that are relatives or in a more abstract sense, to the area where these tents are erected.

^{84.} Starter, a spoonful yoghurt added to the pot of milk to change it to yoghurt.

^{85.} From Arabic zærf 'container' plus the plural suffix -a, but with a dissimilation in the last consonant cluster!

^{86.} Literally, place-PL but bed and bedding in general.

^{87.} edare-ye jæhad-e kešavarzi 'The office of Agricultural Jihad'; so are named the Agriculture offices after the Islamic Revolution.

^{88.} As opposed to *særdsir* or *eylag* which means the cold areas.



Women often go to the town for *hæb gerehden*⁸⁹ 'pill getting' or *sizen zeiden* 'needle-hit /vaccination' in the health center and buying fabrics or other personal necessities. If there are several young girls in the *mal*, usually the more \check{s} *æhr-i*⁹⁰ 'urban' ones who are literate, volunteer to go to the town to take care of the affairs of all the other female members of the family.

In each *mal*, there exists one vehicle, most frequently a Nissan, Zamyad or Toyota van, belonging to one of the male family members and at the service of the whole *mal*, not necessarily free for all, though. Sometimes there is just one vehicle for several *mal*, then there would be an unspoken agreement that every morning, at a certain time, all the women and men of the surrounding tents get up early, do their morning chores fast and quickly to gather together by the car on time, to go to the city/ town.

At the time of harvest, the rest of the family, young and old, get together for *deræw kerden* 'harvest-doing'. Harvesting starts from early morning, before sunrise and goes till the sun sets. Usually, one or two women and elderly people stay at the *mal* for *zor rast kerden*⁹¹ 'noon-make-do /to prepare lunch' and to take the food and water or tea to the fields for everybody. If the fields are not very far from the *bonevar* 'the seat of the tent', the harvesters will come back to their tents, eat lunch around noon, take a nap and drink some cups of tea, and then go back to continue harvesting.

^{89.} pill-receiving, which means to get contraceptives for free from the birth control advisors in the beh-dašt 'the health center'.

^{90.} city-attributive suffix.

^{91.} zor is a loan from Arabic zohr 'midday'.



In our community under research, the end of May till the end of July is the time for picking and processing wild shallots. Therefore, many women, especially in the afternoon hours after finishing their daily chores, will be busy boiling, chopping, sweetening and drying the shallots to make them ready for the market. When a fair amount of clean and dried shallots are ready, then one or two of the women and girls take them to sell in the shops that they usually do business with. Sometimes they sell *musir-e golo*, the unprocessed shallots, i.e. the wild shallot bulbs, at a significantly lower price. As an example, in 2006 the price of one kilogram of dried shallots was approximately six thousands Tomans, ⁹² while the price of one kilogram of shallot bulbs was only five hundred Tomans, i.e. 12 times cheaper than the dried ones.

So pass mornings and early noon hours. If the family is in possession of a small inherited garden, then somebody should take care of that, too, water it, usually in a traditional way by making furrows on the course of a stream to lead the water towards the garden.

By noon, and before lunch, the herd comes back from grazing on the mountain pastures for *čast xæws* 'mid-day rest/ sleep'. The *biyæl* 'goat-kids' and the *bæriyæl* 'lambs' which are kept in the *kolæ čomčit*⁹³ 'pen', are set free to join their mothers to be breast fed. This act which is called *bære mendal*, is one of the cutest scenes in a nomad's world, and the spectator can be amused for quite a while and enjoy witnessing how babies find their moms by special calling sounds. The scene of kids and lambs that have lost their moms, either because they are sold or slaughtered, can also be very sad and hearing their whining and moaning is very heart-breaking. Then it is time for *gæle be dõ^w zeiden*, ⁹⁴ and the goats are milked. If the lambs

^{92.} In today's exchange rate around 1,5 Euros but in 2006 around 4 Euros per Kilo.

^{93.} a place made with straws to keep the little kids and lambs.

^{94.} Literally, herd-to-place-hit which means leading the herd towards the milking place.

are already sold, the *mišun* 'the ewes' are also milked, if not, the lambs are still allowed to be fed by their moms. Then the whole herd rests for a while, and some time after lunch they will again *kænen be koh* 'move towards the mountains'.



In this community, for several years, arrangements were made with the help of the Ministry of Agriculture, The Organization of Nomads Affairs and The Organization of Techniques and Crafts Education, to have some sewing and carpet weaving training courses in their campsites for about two months. The instructors, the materials and the equipment were provided by the above-mentioned organizations and were set up in a white tent among the nomads black tents. Most of the women and girls attended these courses and did the final exams to attain their diplomas. Some of them could later get loans by presenting these diplomas to the Agricultural Bank to start their own small businesses.

In the evenings, immediately after the return of the herds, the animals are milked again, and the procedure of processing the milk starts all over again. The women start *tæš va-kerden* 'fire-open-do /to make fire' again, bring water and firewood, make dinner ready, and clean the dishes and the tents and other chores. After dinner, the members of two or three tents get together around the hearth for a chat or just to pass time under an incredibly beautiful, starry sky. They are especially fond of the moonlit nights when they can enjoy the moon light and spare some gas or oil by turning off their lanterns. *toymæk eškænden*⁹⁵ and playing cards are among the most favorite pastime activities.

šæw keni⁹⁶ is the last important chore to be done at midnight, and after about an hour, the herd is taken back and let towards the *Ga*š⁹⁷ 'pen' and afterwards: sleep.

^{95.} seed-breaking that refers to eating pumpkin or sunflower seeds; a very popular snack.

^{96.} night-breaking 'the late night grazing of the herds'.

^{97.} a pen surrounded by a stone or wooden wall to keep the herds.

CHAPTER THREE LEXICON

3 LEXICAL SEMANTIC FIELDS

This section will investigate the Bakhtiari lexicon, in an attempt to understand a Bakhtiari nomad's cognative picture of the world through his lexical reservoir and the way he classifies his natural environment. The theoretical basis of this investigation has been summarized in the following questions from Majid (2006: 241):

How people categorise the world is one of the fundamental issues faced by researchers in linguistics, psychology, anthropology, and cognitive science. Is categorisation the same between individuals, either as a result of innate concepts, or regularities in the perceptual array? Or, is human categorisation arbitrary—a matter of cultural or linguistic convention?

The word lists presented in this section can be divided into two groups. The first group (3.1) consists of those semantic fields that are usually required and included in descriptive works, suggested by scholars like Comrie & Smith (1977) or Snider & Roberts (2004). The tables provide Bakhtiari terms for general concepts such as kinship terminology, and body parts. These concepts and their relevant vocabulary are shared by almost all languages and communities. Here I have organized the presentation in order to cover the Bakhtiari view of these concepts.

The second group of words (3.2), however, are more specific and they are probably only shared by communities with the same lifestyle, geography and livelihood as Bakhtiari nomads. The Bakhtiari land has very diverse flora and fauna which constitute a quintessential part of the nomads' world view and lexicon, which they have built up during centuries in which they have lived in this area. These features of nature are closely interwoven into their everyday needs and aspirations and are frequently reflected in their different genres of songs, rituals and ceremonies.

The main point I want to stress is that the way in which Bakhtiari nomads see and categorize different animals or plants can be completely different from a biological or scientific one. For example, there is no way to convince a nomad that a mouse, being a mammal but a very insidious and harmful one, can be put into the same category of 'mammals' next to a goat or sheep, i.e., the most important livestock in the world of a Bakhtiari nomad. The mouse is categorized as 'Jek-o Junevar', roughly translated as 'noxious and malefic creatures', which also includes snakes, lizards, beetles and so on (table 3.2.1.6 below).

Another interesting example is that there are over thirty different words to name different parts and usages of acorn, which has always been a source of complementary food for the nomads, especially in times of famine (table 3.2.3).

As for the nomadic nomenclature, there are hundreds of different words and expressions which are used to denominate the minute differences in domestic animals, plants and the environment which surrounds them. The shepherds or herders have a fascinating system of calling or giving commands to them and of communicating with each other and their animals. This system deserves to be documented with special care and precision. If the ongoing governmental projects will succeed in settling the nomads, a veritable lexical treasure will disappear, together with the storage of their old, rich knowledge of the Bakhtiari lexical and ethnical roots. In addition to strong governmental pressures on nomads to take on a sedentary way of life, climate change and excessive, unsystematic use of the pastures have also put many wild plants and vegetables as well as birds and other animals of prey on the verge of extinction.

To summarize, this section of the present research is an attempt to extract and document as much as possible of this information and to categorize and present it in the context of the Bakhtiari nomads' cosmology and traditions.

3.1 GENERAL WORD CATEGORIES

In this section, two sets of words are presented: Kinship terms (3.1.1) and Body parts (3.1.2). As mentioned above, these are the lists that can commonly be found in language descriptions. Tables, such as 3.1.1 are organized based on the practical requirement to present the diversity of the terms as clearly as possible.

At the beginning of every table some introductory notes will be presented for a better understanding of the contents.

Some of the tables have page numbers which refer to Maddadi (1996). Many of the words are not mentioned in his book and hence no page number is given (-). For tables 3.1.2 to 3.1.7, Maddadi is not mentioned as the source because the words were provided by myself or through fieldwork and were only checked later in Maddadi's book for a printed reference. Tables are listed alphabetically or based on semantic domains. This will be explained at the beginning of each individual table.

Two more tables that can be considered as general word categories, namely Cooking terminology and Basic vocabulary, are presented in Appendix 4 and Appendix 5, respectively. They are organized based on the questionnaire in Comrie & Smith (1977), but still require more investigation and field work, hence their location in the Appendices section.

3.1.1 Kinship terms

Family and tribal relationships are of paramount importance for Bakhtiaris, hence the abundance of vocabulary and terms for addressing these relationships with precision. In comparison with six established kinship basic patterns⁹⁸ that anthropologists have observed among various cultures around the world, I noticed that the Bakhtiari system shares the most with the Sudanese kin classification. This system is the most descriptive of all, in the sense that, it assigns a distinct term to each and every member of this network. A quick survey of the table below reveals a diversity of the terms.

In theory, to show the exact relationship of two persons in Bakhtiari, the Ezafe construction can be used as many times as necessary. Therefore, hearing a structure like item (53) in table 3-1 below or the example (1) below is not only possible but frequent as well:

(1) doðær-e xorzemar-e zin-e kor-e tate-za=m daughter-Ez maternal cousin-Ez wife-Ez son-Ez paternal uncle-born.PRS=BP.1SG 'the daughter of the maternal cousin of the wife of the son of my paternal cousin'

As can be seen in the last word of the above example, the present participle of the verb *zaiden* 'to give birth' is used frequently as a suffix *-za* to show consanguineal relations.

Not surprisingly, in view of the existence of a patrilinear descent system, to have a baby boy is paramount to happiness for parents. Boys are the ones who keep the lineage running and let the name and the hereditary properties of the family survive. Therefore, whereas there are several girls' names referring to girls as being unwanted or superfluous, such as *dor-bæs* or *doðær-bæs*, literally meaning 'daughter-enough', *heim-bæs* 'this one-enough' or even *næ-yaste* 'un-wanted', no such terms exist for boys. A man or woman who has several daughters is attributed as *doðær be bar* 'loaded with daughters' and a woman who has only daughters is called *doðær-za* 'one who only gives birth to girls'.

Other reasons behind this preference for boys, in my opinion, are the traditional descent system and also Islamic laws of inheritance, which entitle only male children to a share of the hereditary land. This logic also propagates the marriage between parental parallel cousins, in the hope that the shared properties stays in the father's family.

The same concern dictates a widow to either stay with her children in her deceased husband's household or marry his older or younger brother, 99 a levirate

^{98.} These six systems are: Sudanese, Hawaiian, Eskimo, Iroquois, Omaha and Crow (Schwimmer 2001). 99. Vahman & Asatrian. (1995:27) have found this tradition as:

[&]quot;... reminiscent of a sort of čakarīh marriage institution among the South-West Iranian tribes as a far remote past ... In the Zoroastrian family law of the Sasanian period, as it is well known, if the husband died without leaving male off-spring, his successorship developed upon his authorized

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marriage in anthropological terminology. If she wishes to marry to another man, she has to abandon her children and leave her late husband's family altogether. A widowed woman, in case she doesn't have a child, will return to her father's or brother's house and it is not acceptable, by any means, to live on her own.

As mentioned above, a child is recognized by his father's lineage and will receive his family name; by the same token, a girl keeps her family name even after marriage.

A maternal uncle, however, has a very high status in kinship relations and swearing on his life is a common practice. An old and widowed mother will normally go to her eldest son's house and if she does not have a son, it is first and foremost her brother's duty to take care of her and not, if applicable, the task of her daughter or her son-in-law.

When the parents are afraid of losing a child, as they have experienced before, or for any other reason such as genetic complications, they will give names such as *mondeni/mændeni* 'one that stays' to the boys and *be-muni* 'may you live' to the girls. These fearful parents may even call their children with pejorative or at times, meaningless names such as *qete* 'a piece', *ronjoki* 'dwarf', in hope that their vulnerable children will not be noticed by evil spirits such as Al and will not be harmed by them.

It is considered a shame to raise your child on other people's *sorfe* 'eating floor spread; table', i.e. to leave this responsibility to others. Having said that, it was not rare (and can still be seen to happen), that a child, usually one of nomads and almost always a boy, is not living with his family but with a relative in the town or city, for the sake of schooling or just because his parents are poor and unable to feed him or to take care of him. The relatives who act as a guardian for such a child are not necessarily wealthy. They rather do this out of mercy or kindness, *del soxten* (heart burning) 'to mercy', and also because they share a tribal pride that prevents them from ignoring a fellow tribesman in adversity. This foster child will in turn help the host family with their chores. These children are also likely to have a dire kind of life, being forced to work hard (like a servant) and being fed and dressed sparsely. Girls rarely leave their families, even if this means that they will be deprived of education or a decent and comfortable life.

Marriage, as mentioned above, is encouraged between cousins, especially between parental parallel cousins but also between cross cousins. Most of the marriages used to be arranged by parents and they still are to some extent. Some parents start this arrangement very early, and chose their son's future bride right after

(pātixšāyīhā) wife, i.e. she was obliged to institute a levirate marriage (or marriage with one of the near agnates of her late husband) in order that the begotten čakarīhā—son might maintain his deceased father's lineage and name, administer his property, and in the long run, to help the soul of his 'institutional' father cross the činvat-puhl for entering the Paradise. The roots of this rite are hidden in remote past, going back to the time of Avesta and even earlier (in detail: Perikhanian 1983: 94-98)."

her birth. They would buy a present *ger* or $ne\tilde{so}^w$ 'sign, mark' for the new-born and make her their son's naf- bor^{100} 'engaged' fiancée. Tribal marriages have always served as a means in the hands of the tribal decisions makers to strengthen the bounds with other tribes and, later, with governmental authorities.

A very significant form of marriage, is called *hin-bæs*, literally 'enough bloodshed'. This kind of marriage is executed when a male kin kills somebody, accidentally or on purpose, and as a consequence, bloodshed erupts between the two families and tribes. Sometimes it can permeate to other related *tæš*es and *æwlads*. To stop it, the sister or daughter of the killer will be chosen to marry the son or the brother of the deceased one. Such a girl will not have a joyous wedding or a happy prospect among her husband's family and will always be teased and remembered of the unfortunate incident that bound her to her spouse.

Another specific form of marriage is called ga be ga^{101} . It is when a boy and his sister marry a girl and her brother. Put differently, this boy's future wife will also be her sister's husband's sister.

Each marriage starts with sending presents, <code>nešõ* nahaden</code> 'to put a mark' or <code>ger nahaden</code> 'to assign' by the groom's mother or other close female relatives. Then male elders of the groom's family and some other <code>pia gæp</code> 'respected men' chosen from their relatives will go to the bride's father for <code>dæs-busõ*</code> 'kissing-hands' and <code>belke borõ*</code> 'to cut fabrics'. During this <code>meiles</code> 'gathering' they try to gain the consent of the bride's father. This will include at times very lengthy discussions on the bride's worth or payment, which in Bakhtiari has two forms. The first one is called, <code>šir bai</code> 'milk-price' or <code>hæq-e šir</code> 'the right of the breast-feeding' to be paid to the bride's mother to thank her for breast-feeding her daughter. This money is usually spent for the bride's <code>pæšai</code> 'dowry' which is limited to some bedding, kitchen utensils and some presents for the groom's immediate family. Then a <code>pageri*</code> 'contract' or <code>surat meiles*</code> 'report of the meeting' is prepared by the members of the gathering, listing all the items that the bride's family wishes to be purchased and prepared before the wedding. This normally includes all the furniture and other items that consists of the dowry of an urban Iranian girl.

Another kind of bride payment is called *mehriye* which is an Islamic tradition. It is a price that the groom owes to the bride and should pay her any time per her demand. But in practice, *mehrive* will only be an issue when a couple decide to end a marriage.

In addition, all the wedding expenses are covered by the groom's family. The groom's father is mostly responsible to cover all these expenses, but other rela-

100. *naf* means navel and *bor* is the present stem of the verb *boriden* 'to cut'. The ceremony is that when the midwife wants to cut the umbilical cord of the baby girl, the mother of a boy is present there and gives a present to the girls' family and announces her son as the future husband of the new born girl. 101. The folk etymology of this term states that *ga* here means cow, hence *ga be ga* 'cow to cow' means a mutually beneficial business. I, however, think that one should not be misled by the immediate meaning of *ga*, and it may be the same componant as the one in *gagrive* (see footnote 125 below). 102. *pa-ger-i* 'foot-hold-ATTR'

tives, based on their resources, will also give a share. Practically, these payments and bridal rights and expenses are acting as an obstacle for polygamy, which is allowed by Shari'a, but is relatively rare among Bakhtiaris.

To help covering the wedding costs, the groom's brother or one of his male relatives will start gathering the donations, which is called *owzi* or *œwzi*, approximately, one week before the wedding. Almost all the tribe members will be invited to the wedding ceremony, some bring their share of *owzi*, a sheep, money, or the less fortunate ones, a bag of wheat flour to the feast. A local Molla, if one exists in the area, ¹⁰³ would read the special verses from the Qor'an and will announce them Hallal to each other. Even to this day, there are couples in the nomadic areas that do not have a marriage certificate issued by a wedding notary.

The following paragraphs, tables and diagrams will illustrate the Bakhtiari kinship system. Table 3.1.1 consists of six columns and four sections: Column 1 is for numbering the words. Words with the same meanings will not get separate numbers but are specified by sub-numbering; such as 2-a and 2-b below, in which case they can be used interchangeably without semantic differences, but with pragmatic implications.

Column 2 contains Bakhtiari kin terms. These terms can be just one word or a compound with or without using Ezafe suffix -e.¹⁰⁴ The kinship terms in this table are organized in four categories: Lineal Kin, Collateral Kin, Affinial Kin and Other Related Kin Terms, explained in paragraphs below.

Column 3 represents the kin types, i.e. abbreviations that are common in anthropological studies to show the basic kinship relations: M (mother), F (father), B (brother), Z (sister), C (child), H (husband), W (wife). The sequence of these types expresses a relationship. For example, MM, means: mother's mother 'maternal grandmother'.

Column 4 has the English equivalents or translations of the words.

Column 5 is kept for extra information such as an alternative term (2-b); the literal meaning of the word (18-b) or to provide some cultural background information (118).

Column 6 shows the page number of Maddadi (1996), where the word can be found but the meanings may not match precisely. The items without a page number are my additions.

The first two sections of the table are classified according to lineal and collateral kinship networks. These two terms should be explained here. Based on Brian Schwimmer (2003: 6):

^{103.} Finding a clergy or a learned man who can perform the wedding lock was a challenge in the older times, when literacy rate was low and in the absence of roads and modes of communication, the nomadic areas were not practically accessible. Nowadays, these are obviously not an issue. 104. To learn more about Ezafe in Bakhtiari, see (5.3) below.

Lineal kin are either the direct ancestors or descendants of a particular Ego. Collateral kin are composed of Ego's siblings and their descendants and the siblings and his/her lineal kin of ascending generations and their descendants as well.

Lineal kin is an important group, forming the *kor=o beu* and *œwlad* levels of the aforementioned (2.2.1) tribal structure. Collateral kindred, however, has a very significant social and cultural (previously also political) role (See 2.2.1 above). This is actually a corporate group that comes first to help for a wedding, funeral or harvest, among other social activities, even in settled urban Bakhtiari communities.

After these two sections of consanguineous relations, the third section of the table refers to affinial relations or, in other words, to relations that are attained through marriage.

The last section contains words and expressions that may not be directly related to a kin system, but frequently are used and play an important role in clarification of the status of a human relationship.

Two figures 15 and 16 will follow the table to further clarify this kinship system and the usage of its terms.

It is noteworthy that from the kin terms in lineal and collateral relationships, the simplex ones and the two-parts ones are the actual words that are used to call the designated relationship. In other words, they are not explanation of a certain relationship, but they are the terms that are used to tag the relationship. As an example, doðær-e botið 'mother's sister's daughter' is an established term that one can use to address his mother's sister's daughter in an every day conversation, in a way that is expressed in the examples at the end of this section, and in constructions such as:

(2) doğær-e botiə pæ to bi-y-æw daughter-EZ aunt then you SBJV-E-come.PRS 'Aunt's daughter, come on, then!'

The more complex terms, i.e. the ones consisting of two or more Ezafe constructions, such as *kor-e doðær-e kiči* 'the son of the daughter of the father's sister' are more descriptive and are not used for direct addressing; however, it is not impossible to hear a sentence such as the example below:

(3) kor-e doğær-e kiči=m pæ to bi-y-æw son-Ez daughter-Ez aunt=BP.1sG then you SBJV-E-come.PRS 'My aunt's daughter's son, come on, then!'

As for the affinal kin terms, they are both addressive and descriptive. It means that although they all describe a relationship, some of them can also be used for addressing the related person. These terms are items 84-100.

From the terms in the table of other related kin terms, only the term bibi/bivi is used to address an elderly respectable lady, the rest are terms to describe a relationship.

Table 3.1.1: Kinship terms

No.	Bakhtiari kin	Kin	English mean-	comments	p.
	terms	type	ing		
			Lineal Kin		
1	dalu	MM/ FM	grandmother	lit.old woman	118
2-a	mama	MM	mother's mother		-
2-b	dalu da	MM	mother's mother	also: næne da/ næne lit.oldwoman-mother	118
3-a	da bæve	FM	father's mother	lit.mother-father	118
3-b	dalu papa	FM	father's mother	lit.oldwoman-father	-
4	ba ba-ҳajæ	FFF	great-grandfa- ther	only paternal lit.grandfather(short form)-grandfather-repe- cted oldman	-
5-a	bava	FF	grandfather		35
5-b	ba-ҳajæ	FF	grandfather	only paternal lit.grandfather(short form)-repected oldman	33
5-с	bava-xajæ	FF	grandfather	only paternal lit.grandfather-repected old man	33
5-d	bava beu-i	FF	father's father	lit.grandfather-father- attributive suffix	-
6	beu-da	MF	mother's father	also: bow/bava da-i lit.father-mother	-
7	da, dayæ	M	mother		118
8	bæve, beu, bow, bæwe	F	father		35
9	doğær	D	daughter; girl		118
10	dor	D	daughter; girl	the shorter form of no. 9	118
11	kor	S	son; boy		188
12	bæče	С	kid; child		36
13	owlağ	С	child	Arabic loan	29
14	næve	CC	grandchild	also: bæče-bæče	-
15	bæče-kor	SC	son's child	lit.child-son	-
16	bæče-doðær	DC	daughter's child	lit.child-daughter	-

17	netije	CCC	great-grandchild	lit.result	-
18	neģiģe	CCCC	great-great- grandchild	lit.not seen	-
		Co	llateral Kin		
19	halu da	MMB	mother's mother's brother	lit.uncle-mother	-
20	botiə da	MMZ	mother's moth- er's sister	lit.aunt-mother	-
21	tate da	MFB	mother's father's brother	lit.oldman-mother	-
22	kiči da	MFZ	mother's father's sister	lit.aunt-mother	-
23	halu beu	FMB	father's mother's brother	lit.uncle-father	-
24	botiə beu	FMZ	father's mother's sister	lit.aunt-father	-
25	tate beu	FFB	father's father's brother	lit.oldman-father	-
26	kiči beu	FFZ	father's father's sister	lit.aunt-father	-
27	hålu	MB	mother's brother	27 and 28 are dialectal and/ or personal variations	261
28	dåi	MB	mother's brother	the Persian word for mother's brother	-
29	botia ¹⁰⁵	MZ	mother's sister		36
30	tate	FB	father's brother	30 and 31 and 32 are dialectal and/ or personal variations.	69
31	aqa	FB	father's brother		17
32	kaka	FB	father's brother		186
33	geu beu	FB	the brother of father	also: <i>amu</i> Persian loan	206
34	kiči ¹⁰⁶	FZ	father's sister		203
35	halu-za	MBC	cousin: mother's brother's child	also: (doðær/kor)-e halu lit.uncle-give birth.prs.	261
36	doðær-e halu	MBD	mother's brother's daughter	lit.daughter-Ez-uncle	-

^{105.} To my knowledge, this word is unique in Iranian languages to refer to mother's sister.

^{106.} *Kiči* meaning father's sister is also exclusively used in Bakhtiari.

37	kor-e halu	MBS	mother's broth- er's son	lit.child-Ez-son	-
38	halu xor-za	-	the relationship between moth- er's brother and his nieces and nephews	lit.uncle-sister-give birth.prs.	261
39	χor.ze.mar	MZC	cousin: mother's sister's child	also: (doðær/kor)-e botiə lit.sister-from-mother	112
40	doǧær-e botiə	MZD	mother's sister's daughter	lit.daughter-EZ-aunt	-
41	kor-e botiə	MZS	mother's sister's son	lit.son-ez-aunt	-
42	değu, deği	Z	sister		118
43	dæðe/æ, dæ	Z	sister		118
44	geu	В	brother	gehu, gewu, gæge Dialectal variations of the same term	206
45	tate-za	FBC	cousin: father's brother's child	lit.parental uncle-give birth.prs. also: (doðær/kor)-e tate lit. (daughter/ son)-Ez- parental uncle	69
46	doǧær-e tate/aqa	FBD	father's brother's daughter	lit.daughter-Ez-oldman/ sir	-
47	kor-e tate/aqa	FBS	father's brother's son	lit.son-ez-oldman/sir	-
48	tate-za vaza	-	paternal cous- ins' relationship	Short form: <i>ta-za</i> va ¹⁰⁷ -za lit.oldman-give birth. PRS?-give birth.PRS.	69
49	keči-za	FZC	cousin: father's sister's child	Note it is not <i>kiči</i> but <i>keči</i> lit.aunt-give birth.prs.	188
50	doǫ̃ær-e kiči	FZD	father's sister's daughter	lit.daughter-Ez-aunt	-
51	kor-e kiči	FZS	father's sister's son	lit.son-ez-aunt	-

^{107.} So far, I could not find any explanation for *va* in this compound.

52	bæče halu-za	MBCC	mother's brother's grandchild	lit.child-uncle-give birth.prs.	-
53	doðær-e doðær-e halu	MBDD	mother's broth- er's grand daughter	lit.daughter-ez-daught- er-ez-uncle	-
54	kor-e doðær-e halu	MBDS	mother's broth- er's grandson	lit.son-EZ-daughter-EZ-uncle	-
55	doðær-e kor-e halu	MBSD	mother's broth- er's granddaugh- ter	lit.daughter-ez-son-ez- uncle	-
56	kor-e kor-e halu	MBSS	mother's broth- er's grandson	also: <i>næve halu</i> lit.son-EZ-son-EZ-uncle	-
57	bæče xorzemar	MZCC	mother's sister's grandchild	lit.child-sister-from -mother	-
58	doðær-e doðær-e botiə	MZDD	mother's sister's granddaughter	lit.daughter-Ez-daught- er-Ez-aunt	-
59	kor-e doðær-e botið	MZDS	mother's sister's grandson	lit.son-ez-daughter-ez- aunt	-
60	doǧær-e kor-e botiə	MZSD	mother's sister's granddaughter	lit.daughter-ez-son-ez- aunt	-
61	kor-e kor-e botiə	MZSS	mother's sister's grandson	lit.son-ez-son-ez-aunt	-
62	vaza	FBCC	uncle's grand- child	lit.?-give birth.PRS.	252
63	bæče tate-za	FBCC	father's brother's grandchild	lit.child-oldman-give birth.prs.	-
64	doðær-e doðær-e aqa/tate	FBDD	father's brother's granddaughter	lit.daughter-Ez-daught- er-Ez-sir/oldman	-
65	kor-e doǧær-e tate/ aqa	FBDS	father's brother's grandson	lit.son-ez-daughter-ez- oldman/sir	-
66	doðær-e kor-e aqa/ tate	FBSD	father's brother's granddaughter	lit.daughter-EZ-son-EZ-sir/oldman	-
67	kor-e kor-e aqa/tate	FBSS	father's brother's grandson	lit.son-ez-son-ez-sir/ oldman	-
68	bæče keči-za	FZCC	father's sister's grandchild	lit.child-aunt-give birth.	-
69	doðær-e doðær-e kiči	FZDD	father's sister's granddaugher	lit.daughter-Ez-daught- er-Ez-aunt	-
70	kor-e doặær-e kiči	FZDS	father's sister's grandson	lit.son-ez-daughter-ez- aunt	-

71	doģær-e kor-e kiči	FZSD	father's sister's granddaughter	lit.daughter-EZ-son-EZ- aunt	-
72	kor-e kor-e kiči	FZSS	father's sister's grandson	lit.son-ez-son-ez-aunt	-
73	xor-za	ZC	sister's child	also: <i>bæče deðu</i> lit.sister-give birth.prs.	112
74	kor-e deðu	ZS	sister's son	lit.son-EZ-sister	-
75	doặær-e deặu	ZD	sister's daughter	lit.daughter-EZ-sister	-
76	kor-e geu	BS	brother's son	lit.son-ez-brother	-
77	doðær-e geu	BD	brother's daughter	lit.daughter-EZ-brother	-
		Af	finial kins		
78	zosi mahe	MLA	mother-in-law	lit.parent -in-law-fe- male	112
79	xosi nære	FLA	father-in-law	also: beusire with a very limited usage lit.parent.in.law-male	112
80	miəre kiči	FZH	father's sister's husband	lit.husband-aunt	-
81	miəre botiə ¹⁰⁸	MZH	mother's sister's husband	also: <i>miəre da</i> lit.husband-aunt	-
82	bavere	MH	stepfather		35
83	de <i>ðu zine</i>	WZ	wife's sister	lit.sister-wife	-
84	χosi	M/FLA	parent -in-law		112
85	χοšiær	HZ	husband's sister	contracted form of <i>xor-šohær</i> lit.sister-husband	113
86	zin-aqa	FBW	father's brother's wife	also: <i>zin-tate, zin-kaka</i> lit.wife-sir	-
87	zin beu	FW	stepmother	lit.wife-father	145
88	dowa	ZH	sister's husband	also:duma	127
89	ziəne	W	wife		145
90	miəre	Н	husband		238
91	zin geu	BW	brother's wife	lit.wife-brother	49
92	dowa	DH	daughter's hus- band	also:duma	127
93	be(h)ig	SW	son's wife		49

^{108.} See also the last paragraph of this section, following figure 16: Primary affinal network.

94	zin-(h)ålu	MBW	mother's brother's wife	lit.wife-uncle	-
95	berar zæn	WB	wife's brother	also: berar ziənæ lit.brother-wife	37
96	berar-šær	НВ	husband's broth- er	also: <i>berar-mire</i> lit.brother-husband	37
97	zin-berar-šær	HBW	husband's broth- er's wife	lit.wife-brother-hus- band	142
98	hom-riəš	WZH	wife's sister's husband	lit.same-beard	268
99	hom-ærus	HBW	husband's broth- er's wife	lit.same-bride	142
100	hævu		co-wife		-
		other re	lated kin terms		
101	bav-gõ ^w		father's family	lit.father-group(collec- tive suffix)	35
102	beu-bavere		ancestors	lit.father-bavere	-
103	bibi/ bivi		the oldest wife of a chief, a re- spectable elderly lady		49
104	bon-ku ¹⁰⁹		the relatives who share land or live next to each other.	lit.stem-group(collective suffix)	43
105	doðær-e zošiær		the daughter of the sister of hus- band	lit.daughter-EZ-hus- band's sister	-
106	hõwe-dõw		family, house- hold, clan	lit.house-place(suffix)	270
107	kor-e değu-zin-be- rar-šær		the son of the sister of the wife of the brother of husband	lit.son-EZ-sister-wife- brother-husband	-
108	mal-e miəre		husband's family and relatives	lit.mal(relati- ves)-Ez-husband	230
109	næ-deðu-i		stepsister	lit.no-sister-ATTR	-
110	næ-geu-i		stepbrother	lit.no-brother-ATTR	-
111	netar		ancestors		242

^{109.} This term is more frequent in Kohgiluye and Boiramadi variety of the language.

112	nuri	the first child (son)	lit.light-attr	246
113	pa-guri	a child who is born after his or her father's death	lit.foot-grave-ATTR	55
114	pæs-pedær/ pæs- piær	a child who is born after his or her father's death	lit.after-father	55
115	piəš	relatives	also: <i>piəš-tær</i> 'close relatives' lit.front-COMPR	66
116	piəš-za	stepson/ step- daughter/ step- child	only for women lit.front-give birth.prs.	66
117	qom=o xiəš	relatives	also: χ <i>om=o χiəš</i> lit.self-conj-relatives	184
118	sogoli	the favorite wife	in a polygamous relationship	-
119	tate-za-h-i	cousinhood	lit.oldman-give birth. PRS.E.ATTR	69
120	χίοξ	relatives		-
121	zæn-zæ-yast	courting, asking for the hand in marriage	lit.wife-from-want.pst.	142

In Bakhtiari, the extended bilateral relationships, kindred, constitutes a recognized social group. The functions of this recognized group have been discussed above (2.2.1) and in the introductory remarks of the present section (3.1.1). Figure 15 below is presented here to show this kindred network in more detail and clarity.

In Figure 15 the kindred terms are numbered followed by their explanations which are presented according to their frequency. In other words, in front of each number, the first term is used more often, followed by other frequent terms. The diversity of terms are usually due to dialectal and not semantic variations. These are the terms used to clarify the relationship. In calling or addressing each other, however, different forms or only the name of the addressee is used. For example, to refer to mother's uncle (relationship 1 below), Ego can simply call him with the first part of the kin term (uncle) or can attach this first part of the kin term to a bound personal pronoun, in this case =m which is the first person singular:

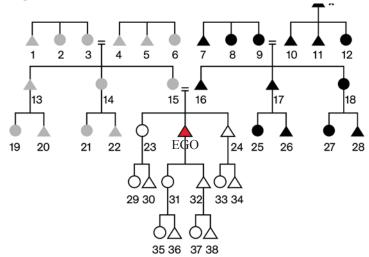
(4) 1. MMB: *halu da*; called: *halu* or more frequently: *halu=m Noruz* uncle=my (his name)

In a conversation such as:

(5) **halu=m Noruz, hal=et četæwr-e?** uncle=my Noruz, feelings=you how-is 'My uncle Noruz, how are you?'

To use the form with a bound personal pronoun, can be interpreted as a way to express respect, endearment and also intimacy with the addressee. In the below list, if the term has a different calling form, this information is provided after it. Instead of (his/her name), I will use X.

Figure 15 Egocentric bilateral kindred¹¹⁰





- * FFF: **ba ba-zajæ**; this term is exclusively used in a patrilineal genealogy, therefore, no specific term for MFF, but the compound: **beu beu da**.
- 1. MMB: *halu da*; called: *halu, halu=m X*
- 2. MMZ: botiə da; called: botiə, botiə=m X
- 3. MM: dalu, mama, næne, næne da, dalu da, da da,; called: dalu, mama, næne, mama=m X, næn=om X
- 4. MF: beu-da, bava da-i; called: bava, bava=m, bava=m X
- 5. MFB: aqa da; called: aqa, aqa=m X
- 6. MFZ: kiči da; called: kiči, kiči=m X
- 7. FMB: halu beu/halu bæve; called: halu, halu=m X

^{110.} Circles represent female members, triangles, male members and the red triangle represents Ego.

- 8. FMZ: botiə beu/bæve; called: botiə, botiə=m X
- 9. FM: dalu, mama, næne, dalu papa, dalu bæve; called: dalu, mama, næne, mama=m X, næn=om X
- 10. FF: bava, ba-γaje, ba-γajæ, bava beu-i; called: bava, bava=m X
- 11. FFB: tate beu, geu bava; called: tate, aqa=m X
- 12. FFZ: kiči beu/bæve, deǧu bava; called: kiči, kiči=m X
- 13. MB: hålu, dåi; called: halu, halu=m X
- 14. MZ: botiə; called: botiə, botiə=m X
- 15. M: da, dayæ
- 16. F: beu, bæve, bow, bæwe
- 17. FB: tate, kaka, aga, geu beu; called: tate, kaka=m/aga=m X
- 18. FZ: *kiči*; called: *kiči*, *kiči=m X*
- 19-20. MBC: halu-za
- 19. MBD: doğær-e halu; called: X, doğær-e halu=m
- 20. MBS: kor-e halu; called: X, kor-e halu=m
- 21-22. MZC: xorzemar
- 21. MZD: doğær-e botiə; called: X, doğær-e botiə=m
- 22. MZS: kor-e botia; called: X, kor-e botia=m
- 23. Z: değu, deği, dæğe/æ, dæ
- 24. B: geu
- 25-26. FBC: tate-za
- 25. FBD: doğær-e aqa, doğær-e tate; called: X, doğær-e aqa=m doğær-e tat=om
- 26. FBS: kor-e aga, kor-e tate; called: X, kor-e aga=m, kor-e tat=om
- 27-28. FZC: keči-za; note it is not kiči but keči.
- 27. FZD: doğær-e kiči; called: X, doğær-e kiči=m
- 28. FZS: kor-e kiči; called: X, kor-e kiči=m

Note: In regard to naming cousins, there is only one cover term to refer to maternal aunt's children (MZC: <code>xorzemar</code>). For the rest, the compound with suffix <code>-za</code> is used: <code>halu-za</code> 'MBC', <code>tate-za</code> 'FBC', <code>keči-za</code> 'FZC'. On the other hand, there are two terms to describe the mutual relationship between siblings' children with their uncles, i.e. <code>halu-xor-za</code>, the relationship between sister's children with their maternal uncle; <code>tate-za va za</code>, to refer to the relationship between brother's children with their paternal uncle and his children.

- 29-30. ZC: **χοτza**
- 29. ZD: doğær -e değu; called: X, doğær-e değu=m
- 30. ZS: kor-e deðu; called: X, kor-e deðu=m
- 31, 32. C: bæče, owlad
- 31. D: doðær, dor
- 32. S: kor
- 33. BD: doðær-e geu; called: X, doðær-e geu=m
- 34. BS: kor-e geu; called: X, kor-e geu=m

Note: while there is a cover term for sister's children, **xorza**, no such a term exists for brother's children. It is also noteworthy that gender of siblings does not paly a role in they way sibling's children are addressed.

35-38. CC: næve, bæče-bæče, bæče kor, bæče doðær

35. DD: doðær-e doðær; called: X, doðær=m

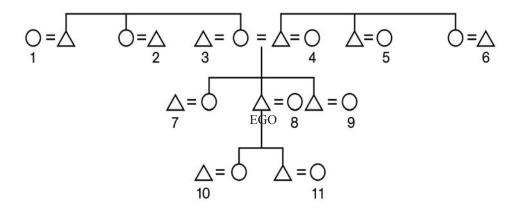
36. DS: bæče doðær, kor-e doðær; called: X, kor=om

37. SD: bæče kor, doðær-e kor; called: X, doðær=om

38. SS: bæče kor, kor-e kor; called: X, kor=om

Figure 16 shows the primary affinal network. Here it is called primary, because it presents the terms for spouses of only the first sanguine relatives and not, for instance, a father's brother's son's wife.

Figure 16 Primary affinal network



1. MBW: zin-(h)ålu 2. MZH: miəre botiə

3. MH: *miare da* (Only when a mother remarrys after divorce from or death of the father.)

4. FW: zin beu 5. FBW: zin aqa/tate 6. FZH: miəre kiči 7. ZH: dowa/ duma

8. W: ziane, in case Ego is female H: miare 9. BW: zin geu 10. DH: dowa/duma

11. SW: *behig*

To address MZH or FZH, if he is a paternal relative, *tate* or *aqa* is used and in case he is from maternal side, he will most probably be called *halu* or *dai*. If he is not a relative, a complete stranger before the marriage, the above terms (*tate, aqa, halu, dai*) can be used sporadically. Unlike other more conservative Iranian cultures, also in comparison with urban Persian families of just one or two past generations, Bakhtiari spouses feel no constraint in calling each other by the first name, even in the presence of absolute strangers. Other forms and compounds may also be heard, though, especially when the wife is much younger than the husband; compounds such as: *da bæčiyæl* 'mother of the children'; *beu bæčiyæl* 'father of the children'; *da/ beu X*, in which X is usually the name of their first born son.

3.1.2 Body Parts

In this section body parts terminology and their categorization by Bakhtiaris will be explored. The related data were extracted from Maddadi (1996) and also by eliciting data in actual and virtual¹¹¹ fieldwork. In the early stages of the research, body part terms were listed in a very general order, into categories of Head, Torso and the lower part of the body, Arm and hand, Leg and foot and General (Appendix 3)¹¹².

Later, I learned about the work done by Asifa Majid and her research team¹¹³, published in *Language Sciences* 28 (2006). The aim of that study was to '... to understand the relative impact of universal versus culture specific principles of categorization' (Majid, 2006: 242). The authors further express their specific questions 'concerning categorization and linguistic/conceptual segmentation of the body' as follows: "How do languages conventionally segment the body into parts? Does the set of body part terms constitute a structured system in all languages? Is there a universal, cross-linguistically consistent way of categorizing the body?" (Enfield et al. 2006: 138).

By focusing on Punjabi¹¹⁴ data, Majid elaborates on this point further as:

"Unlike many other objects, the body is the same around the world So, we might expect that categories for parts of the body would be the same everywhere. But Punjabi speakers show some interesting differences in how parts of the body are categorized in comparison with other languages... suggesting that body part categorization is not universal. (Majid 2006: 242)"

I decided to adapt this approach and therefore, rearranged my data to comply with the above-mentioned framework. As mentioned in the introductory remarks of this section, the following discussion will also draw on other important and relevant sources on lexical semantics, such as: Andersen (1978), Brown (1976) and Brown & Witkowski (1981). In regard to body parts, Brown (1976) designed a research plan based on the "naming behavior" of forty-one globally distributed languages¹¹⁵ and accordingly she drew "twelve general principles of classification

^{111.} By virtual fieldwork I mean data collecting through Facebook and different mobile applications. This turned out to be a very practical and effective method of data collection.

^{112.} I have decided to keep the original formatting of the body parts table as an appendix for two practical reasons: Firstly, because not everybody is familiar with the semantic frameworks used in this lexical field, therefore, as a quick reference this hands-on categorization may be more useful. Secondly, in the table the Middle Persian equivalent of many words is provided. This information, too, may be interesting from a philological point of view.

^{113.} In the Max Planck Institute for Psycholinguistics, Nijmegen, The Netherlands.

^{114.} An Indo-European language spoken in Pakistan.

^{115.} These languages consist of twelve Amerindian languages, ten European, five sub-Saharan African, five Southeast Asian, two Chinese, two Micronesian and four Mideastern and Western Asian languages (including Farsi). Surprisingly, in footnote 8 (page 422), when she lists her sources of the languages, there is no mention of her Persian/ Farsi source (text or consultant). In her other work with Witkowski (1981), however, she mentions Pahlavi by MacKenzie (1971) as the only Persian

and nomenclature in human anatomical partonomy". Andersen (1978), in turn, used Brown's data, added by a few more languages, ¹¹⁶ calculated nine principles of categorization shared as universals in lexical fields. The studies on color terms terminology, child psychology and language acquisition support the notion that 'the basis for lexico-semantic universals lies in the way people universally categorize perceptual information and organize their conceptual knowledge' (Anderson 1978: 340). These principles are not discussed in the present research, and only if the Bakhtiari data do not conform, the related principle will be mentioned here.

A significant part of the discussion in the aforementioned sources is related to partonomy and its distinction with taxonomy. 117 This subject, too, will not be covered here, due to the need for further investigation.

Bakhtiari has a relatively abundant terminology of body parts. One manifestation of this characteristic is the existence of multiple words for the same part of the body, sometimes with no obvious difference in their meanings, registers or style. Some of these similar terms are the result of borrowing from the dominant Persian language, but many others, plausibly, have been acquired through centuries of contact with neighboring languages and cultures within the borders of the present day Iran and beyond. Majid has also encountered the same phenomenon in Punjabi and she inferred that it possibly is 'a function of the pervasive multi-dialecticism of Punjabi speakers' (2006: 242).

The other reason for this diversity, in my opinion, lies in the special lifestyle of Bakhtiari nomads. Brown & Witkowski (1981: 207) talk about the 'intervening cultural variable' in polysemy development and loss: "While intrinsic perceptual salience is relatively constant across languages, cultural significance can vary greatly". As a pastoral, herd-breeder, it is crucial for a Bakhtiari nomad to be able to define and explain different parts of his animals' body with precision. This is because generation after generation, they themselves were responsible for taking care of their animals in case of any accident, delivary or desease. Also in order to trade their animals they should be able to define all the physical characteristics of the livestock. This attention to animal body parts is a probable explanation for developing a detailed vocabulary to define different human limbs and organs.¹¹⁸

reference. The fact that her Persian data are from Middle Iranian, and not from a Modern Iranian language, may explain why some of the present data does not conform to her principles. These deviations from Brown's formulated principles will be discussed accordingly.

116. These additional languages include Pocomchi, Czech, Hebrew, Finnish, Moghamo and Hausa (Andersen 1978: 347).

117. As a quick reference: Andersen (1978: 348) defines this distinction as 'kind of relationships' association for taxonomy (a rose is a kind of flower), while partonomic classification is associated with 'part of' relationships (a fingernail is a part of finger).

118. There is yet another probable historical reason for these multiple forms that harks back to the dominant pre-Islamic Zoroastrianism on the Iranian plateau. In Zoroastrian cosmology, the whole of creation was divided into two parties: Angra Mainyu "evil spirit/mind/thought" as opposed to Sepanta Mainyu "bounteous spirit" associated with Ahura Mazda, the Creator. Based on these ideas, in some cases, two sets of words and terms were used to refer to things associated with these two op-

Having said that, there are words in English or Persian body parts terminology that do not have an equivalent in Bakhtiari. A very striking example is English *muscle* or Persian *mahi-če* 'lit. fish-small'. To be more scrutinizing in eliciting data, the consultants were asked: "how do you order a sheep muscle in a butcher shop?" The answer revealed the fact that, for the purpose of consumption, people cut a sheep or a cow in different proportions from those that are generally applied in city butchery. For instance, the muscles are always included in a leg, an arm or a shoulder piece, and not separated as an entity. Therefore, there is no need to have a word for a part that does not exist by itself.¹¹⁹

The body, on the other hand, is labeled by several terms. The principle word for body is $la\check{s}$, which is shared between people and animals. $wn\check{q}om^{120}$ is used exclusively for people, as well as twn. The latter, however, has two more functions. One is in a physical sense, to refer more specifically to the trunk of a human. The other sense of twn refers to the concept of man as a being or a person, hence its emphatic role with the reflexive pronoun χo in an Ezafe construction (See 5.6.2 example 114). The polysemous behavior of twn is not restricted to Bakhtiari and it seems to be a cross-linguistic feature. Majid quotes Evans and Wilkins (2001) and Wilkins (1996): "...terms denoting the body are diachronically unstable, and that these terms are often polysemous, being used to refer to skin, trunk, and person, as well as to body" (Majid, 2006: 143). To refer to a dead body, the Arabic loan tun tun is used, and it is when tun 'o' soul, spirit' leaves the tun las.

The body is symmetrically divided into two parts by *domjar*, the waist line: *domjar be bala* 'lit.waist line-to-up' and *domjar be ziər* 'lit.waist line-to-down'. *dom*, in itself, means the string that holds the trousers, but *jar* does not exist as a separate lexeme. ¹²¹ One of the main consultants thinks that it actually is *domja*, consisting of *dom* 'tail, end' and *ja* 'place, location', hence the place of tail.

The simplex verb *pušiģen* 'to cover' and the complex verb¹²² *vær-kerðen* 'lit. on-to do' are used in general to convey the meaning 'to dress' and 'to put on'. When putting on a hat or any head cover, however, the verb *sær-kerðen* 'lit.head-to do' is used. Likewise, for putting on shoes or socks *pa-kerðen* 'lit.foot-to do' is

posing concepts. For examples there were two different words to refer to the mouth, one that belongs to a creature associated with Angra Mainyu and the other for the league of Sepanta Mainyu. This distinction dissolved in the course of time, especially by the dominance of Islam, which vanquished the prevailing Zoroastrianism. Reminiscences of these pairs can be found now, used with almost identical meaning, in different Iranian languages.

^{119.} It seems that Persian acquired the word for muscle later in its development, since as confirmed by Desmond Durkin-Meisterernst (personal communication), no such term is attested in any Middle Iranian languages.

^{120.} From Middle Persian handam 'member, limb'

^{121.} Maddadi (1996: 126) has given two more meanings for *domjar*: one is the top margin of a trouser where the waistband is passed through; the second meaning is a special pocket in a trouser to situate male genitals.

^{122.} For a detailed discussion on these categories of verbs, see 6.1.1 below.

used, as well as for wearing trousers. This shows that the word *pa* is also polysemous and means both 'foot' and 'leg'.

Interestingly, body parts are also widely represented in Bakhtiari love songs and in mourning lyrics describing corporal merits of the beloved one or of the lovely deceased person:

(6) pæs-e pa penir¹²³ penir, sine qælæmriðz/ čal-e naf=et hæwz-e Kowsær, molk-e Tabriðz

(back-Ez leg cheese cheese, chest pen worked/ hollow-Ez navel-your pool-Ez Kowsar, land-Ez Tabriz)

'The backs of your ankles (are white as) cheese, (smooth as) cheese, your bosom is tattooed (with veins)/ The hollow of your navel is Hawz-e Kowsar, ¹²⁴the land of Tabriz' (Vahman & Asatrian, 1995:35)

A line from a popular *qaqrive*¹²⁵ runs:

(7) dein=om be na=t ey mar-e mur-i/næ-xor-i ti-a sia, tišni boluri

(religious duties=my on neck=your oh snake-ez ant-attr not-eat-you eye-pl black, neck long and white)

'I beg you, oh snakes and ants/ don't eat the black eyes and the long and bright neck (of my beloved)'

The corporal esthetics associated with some body parts will be brought into focus in their due place.

Some parts of the body are associated with emotions. *jiyær* 'liver', *del* 'heart' and *tišni* 'throat' are the place were emotional pain accumulates. The excessive pain turns the heart or liver into blood, hence, *xin be del* 'blood-to-heart= full of blood', which is an expression of ultimate pain that can lead to death:

(8) kor-e-ke guš va=m ni-ger-e, xin be del=om ker\(\tilde{\phi}\) 'The boy, doesn't listen to me, turned my heart into blood! (He is killing me).'

χin be jiyær 'lit. blood-to-liver; blood covered liver' is also used in this context, but it probably is copying the Persian expression *χun be jegær*.

To be struck in the *tišni* 'throat' with too much pain, is considered fatal; hence curses such as:

^{123.} Penir 'cheese': "Persian cheese, being very white and smooth in texture, is a constant metaphor among Baxtīārīs as well as other Iranian nomadic and semi-nomadic peoples (Kurds, Gūrūns, Balūčs, etc.), denoting the beloved's breast, legs, belly, etc. (Vahman & Asatrian 1995:161)"

^{124.} hæwz-e~Kowsær 'a fountain and reservoir of nectar in Paradise' Vahman & Asatrian (1995:161). 125. gagrive as a noun refers to the funeral songs and as a verb to singing such songs. The popular folk etymology divides the word into ga 'cow' and grive 'crying', hence 'crying and moaning like a cow'. Another folk etymology relates ga to the same root as Avesten $gaa\theta aa$ and deduces the meaning of 'singing and crying'. I am not certain about the first part, but I find it quite plausible that the second part is from MP grīw 'throat' (see NO 49, table 3-3, Appendix 3 below) with -e as an attributive suffix

(9) dærd=om men-e tišni-t zen-a-he

'May my pain strike you in the throat!'

del 'heart', in itself, has other emotional importance. It is the seat of love, hope, courage, desire, volition and patience. All these are manifested in the creation of several *del*-related compounds and expressions, a few of which are presented here:

- 1. be del biğen 'to-heart-to be = agree; choose';
- 2. *tæš-e del kur kerðen* 'fire-heart-blind-to do = to soothe, to pacify';
- 4. *del œw-abiðen* 'heart-water-to become = to suffer';
- del œw-kerðen 'heart-water-to do = to make suffer; to make somebody's mouth watery';
- 6. del be œw zeiðen 'heart-to-water-to strike = to risk';
- 7. *del bi del kerŏen* 'heart-without-heart-to do = to hesitate'; *del del kerŏen* 'heart-heart-do = to hesitate';
- 8. *del del zeiðen* 'heart-heart-beat = to doubt';
- 9. *del dašten* 'heart-to have = to be determined; willing to do something';
- 10. del di kerðen 'heart-smoke-to do = to pity, to have mercy';
- 11. del soyten 'heart-to burn = to pity, to have mercy';
- 12. del=o kol œw kerðen 'heart-and-intestines-water-to do = to cause nausea';
- 13. del nahajen 'heart-to put down = to become disappointed';
- 14. nom-e del 'fit/just-EZ heart = appropriate; desirable';
- 15. dag-e del-i 'burn-Ez-heart-ATTR = vengeance';
- 16. del-yah-i 'heart-want-ATTR = arbitrariness; with pleasure';
- 17. del-ræhm 'heart-mercy = kind';
- 18. del-rušen 'heart-bright = happy, optimist';
- 19. del-sost-e 'heart-languid = faint-hearted ':
- 20. del-saf 'heart-pure = naïve';
- 21. del-gonde 'heart-hefty = patient';

Although *del* outnumbers all the other organs in creating expressions, other parts of the body (External or Internal) also play their share in expressing emotional states; some examples are:

- **22.** *zæhle pokesten* 'gall bladder-to burst = bursting of the gall bladder' caused by extreme fear which can be fatal.
- **23.** *zuni borioen* 'knee-to cut = unable to stand on the knees out of fear and worries'
- **24.** *ze zuni væsten* 'from-knee-to fall= unable to stand on the knees out of fatigue'
- **25.** *tænge xariðen* 'palm-to scrach= itching of the hand palm' which is interpreted as announcing good luck and receiving a lot of money.

3.1.2.1 The organization of the tables

In previous cross-linguistic works on folk taxonomy, a consensus has developed that the cognitively more salient concepts (here body parts) are generally labeled with an 'unanalyzable primary lexeme' (Brown, 1976: 405); 'basic terms' (Berlin and Key 1969) or simplex terms (Enfield et al., 2006: 140). In the organization of Bakhtiari body parts, too, words are divided into two categories of simplex and complex terms. In each table, first the simplex terms are listed and the complex terms will follow. Each complex term is supported by a word-for-word gloss in the third column to provide a more vivid idea of the conceptual meaning of each term.

Several morphological processes are used to make the complex terminology, such as suffixation, reduplication and compounding but the major one is the Ezafe construction (see 5.3 below).

From an inventory of 306 body parts terms only 94 terms are complex (approximately 30.7 %) and the rest are morphologically simple lexemes that are all commonly known.

The body parts are categorized into five groups: Face, External, Internal, Bodily products and Animal body parts. An additional category, Configuration parts of the body, is also presented here. It is modeled on Majid (2006: 250-252), the similarity of the concepts and the forms were too intriguing to be ignored.

The present inventory is classified according to the Bakhtiari perception of body parts and their spatial distribution. Therefore, the following body parts are more considered as belonging to the face than internal organs: gir 'canine tooth, Cuspid', kakili 'molar tooth', milom 'gum', mælaz 'palate', zæg 'palate', zõw 'tongue', dənǧõw 'tooth' and niəšt 'front teeth'.

Each table has three columns. In the first column, the Bakhtiari terms are listed, wherever applicable, from the uppermost part of the body to the lowest part. The words related to the same body parts are listed together, in a sequence. The second column contains the closest English equivalent of the terms. In column three some extra information is provided, especially for each complex term, its constituents are glossed as a perceptual guide.

3.1.2.2 Face and its Parts

Table 3.3.1 indicates the Bakhtiari terms referring to face, which can roughly be explained as the area in the front of the head, not covered by women's traditional headgear. 126 Therefore, it does not include the ears and neck. The default word for face, used in everyday speech, is *ri*, equivalent to Modern Persian *ru* and both

^{126.} See the photo in footnote 134, related to the word *torne*.

from Middle Persian $r\bar{o}y$. ¹²⁷ In the Arabic loan *siræt* 'form, face', the same change is evident (compare to Persian *suræt*). This word is usually heard in conversations highly infused with Persian words and expressions. *šelg* and *belešt*, on the other hand, refer to the face as a unit, not so much as a physical entity:

```
26. to \chi u šelg=es=e did-i
you well face=BP.3SG=DEF see.PST-2SG
'Did you get a good look at her/his face?'
```

In the above example, *šelg* can also mean 'appearance'. If one refers to the somebody's appearance in a pejorative way, the expression in the example below is usually used:

27. belešt-e	adom-i	næ-dar-e	men-i
look=EZ	human-ATTR	NER-have.prs-3sg	supposeprs-2sg
'His/ her face do	esn't look human!'		

Related to this concept of complexion as a whole is the term *šiəva* which can be roughly translated as 'similarity in complexion':

28. be šiəva	da=t	ævord-om=et	be ja
TO-ŠIƏVA	MOTHER=BP.2SG	BRING.PRS-1SG=BP.2SG	TO PLACE
'I recognized you based on your mother's complexion!'			

There is another word *feis*, in some Southern Iranian language varieties, which is thought to be an English loan (face). ¹²⁸ In Bakhtiari it is used usually in a pejorative manner:

rext 'complexion, look' has the same usage as feis.

^{127.} This pattern of phonological change from the Middle Persian to Bakhtiari and Modern Persian can be traced in other body part words, as well:

Middle Persian	Modern Persian	Bakhtia	ıri
mōy	mu	mi	'hair'
xōn	χun	χin	'blood'
rōdig	rude(h)	re/ivin	'intestines'
galōg	gælu	ge/ili	'throat'
zānūg	zanu	zuni	'knee'
pahlūg	pæhlu	pæhli	'side'

It should be noted that this phenomenon is not exclusively for body part terms and can also be found in other vocabularies.

^{128.} For a discussion on English loan words in Bakhtiari see and appendix

tig 'forehead' is a very prominent body part, since it is believed that everyone's destiny is written on their forehead. A high and wide forehead is esthetically more pleasant; the broader the forehead, the higher would be the chance of a good fortune.

As for the eye, the principle word is *ti/tio*. Although there are some complex words to describe different parts of eye, such as *kase ti* 'eyeball'; *toxm-e ti* 'center of the eye' or *puren(d)-e ti* 'eyelid', in practice the detailed segmentation of the eye seems not to be conceptually very salient since *ti/tio* is the only word usually used to refer to all the parts of the eye. This lack of salience becomes more apparent considering the term *toxm-e ti* which literally means the seed of the eye and it includes both the cornea and the pupil. It was quite a challenge to find a specific term that refers solely to the pupil of the eye. The majority of Bakhtiaris use only *ti*, while others have *toxm-e ti* in their lexicon, as well. Very few Bakhtiaris, only one out of more than twenty people that I asked specifically, are aware of the existence of the word *binæk/bivinæk* 'the thing that sees, the pupil' (Maddadi 1996: 51).

This phenomenon is apparently not language specific. Brown and Witkowski (1981: 600) report that out of 118 languages under survey, only 69 had a label for the pupil and concluded that the pupil has a marked status which is 'low in salience and infrequent' cross-linguistically. Their other finding was that 'slightly over one third of the languages of the world equate the pupil with a human or humanlike object.' The second cross-linguistic frequent expression for the pupil (11 out of 69) equates the pupil with 'a seed or similar object (e.g. a kernel or acorn)'. Unlike Brown and Witkowski (1981: 601), who inferred 'A seed/pupil analogy draws on shape and perhaps size similarity', I think that in the case of Bakhtiari, the centrality of this part is the reason behind its denomination.

The other two terms <code>binæk/bivinæk</code> 'pupil' and <code>šæ-h-i</code> 'ti' blackness of the eye', however, seem to be more uncommon. <code>bivinæk</code> and its shorter form <code>binæk</code> consists of the present stem of the word 'to see' <code>vin-/bin</code> (and in case of <code>bivinæk</code> plus the imperative/ subjunctive prefix <code>bi-</code>) plus a suffix <code>-æk</code>. In several Iranian languages <code>-æk</code> is considered as a diminutive suffix, like the relevant example of Persian <code>mærdom-æk</code> 'pupil' which literally means 'people-little'.

In Bakhtiari, however, the predominant diminutive suffixes are *-ul* and *-uli/-ule*. The meaning of *-æk* is not very easy to interpret. Lazard (1992: 268) in the discussion of this suffix in another southwestern language, Persian, describes – as "It ... forms, from nouns or adjectives, derivatives with a concrete meaning." In Bakhtiari there are instances where it can mean 'like' with an underlying diminutive interpretation as in the word: *kæfšæk* 'the outer part of a hoof' which can literally be glossed as shoe-small or in *ænar-æk* 'femoral head', *-æk* means 'like', suggesting the similarity of the femoral head to a pomegranate. In some other words it is lexicalized as in *guzæk* 'ankle', therefore, the whole word is considered as a simplex. But in many other words it seems to be something close to the 'agent' of an action.

In regard to *binæk/bivinæk*, the exact meaning is not, as one expects, 'a small human that sees', but rather 'something that sees'. 129

šæ-h-i ti 'the blackness of the eye', on the other hand, conforms to only two of the languages from the Brown and Witkowski collection that have expressions for pupil with embeded concept of color: in Thai 'the black child of the eye' and in Doyla 'dark father of the eye' (1981: 599).

To conclude the discussion of the eye, it is worth mentioning that green and blue eyes are not rare among Bakhtiaris, but it is big and bright eyes that are most favored; combined with fair skin, blond hair and white teeth, they representing the ultimate beauty, especially for women.

The word *noft*, apart from its core meaning 'nose', has spatial meanings, as well 'in front/ peak', as e.g. in *rast-e noft=et* 'in front of your nose = straight' or *noftæ* 'peak of a mountain'.

A long, bony nose is considered to be a more beautiful one, as opposed to a short and flat nose, which is considered as incomplete and very ugly.

From several terms for mouth, *mer* has the most limited function. I personally heard it only in the expression *mer be æw nahaden* 'mouth-to-water-put', i.e. the most favorable Bakhtiari posture for drinking water, in which one squats by aspring or stream of water, then lean on his hands and immerse his lips and mouth into the water.¹³⁰

From 51 terms related to the face, 33 (almost 65%) are monomorphemic. It should be noted that the comlex words are used as a lexical unit in everyday con-

Various instances are found of a suffix –ak, which recalls the Persian diminutive suffix of the same form. In some words, it seems to be lexicalized (e.g. \check{carak} 'fourth (quantity entity)' from \check{car} 'four'), or to be the diminutive suffix (e.g. manjalak 'pot', \check{cokak} 'boy' vs. manjal, \check{cok} id'.). In a small number of instances, however, a diminutive interpretation (either literal or in the sense of endearment or familiarity) does not seem possible, cf. $m\mathring{a}stak\bar{u}n$ in (9) (vs. instances of $m\mathring{a}st(\bar{u}n)$ elsewhere in the same text):

(9) $t\bar{u}la=i$ $xwara=\bar{\iota}$ $ham\bar{\iota}$ $måstak\bar{u}n$ mon a-xwar-ed $m\bar{o}$ e-kar $be-kan-\bar{o}$. jackal=ez accustomed=ind dem yoghurt-?-pl I ipfv-eat.prs-3sg I what sbjv-do.prs-1sg 'A jackal who knows my house keeps eating this yoghurt of mine. What can I do?' (NBš_A4t3: 12f.)

While it is difficult to exclude that a given instance of -ak is a diminutive, cases such as (9) where a diminutive interpretation does not suggest itself are remarkable since Seddiqi Nezhad 2010 suggests the possible existence of a definite marker -ak (see Section 6), which recalls the definite article /-aka/ of Central and Southern Kurdish.

130. This action is more popular among men than women.

^{129.} Agnes Korn (2017: 85) has also noticed a similar suffix $-\alpha k$ in her description of Bašgardi, another southwest language:

^{2.4.} The suffix -ak

verstions and they are listed as such in Maddadi (1996), as well. In each table, an attempt is made to list the words, whenever possible, from the more general parts (body, face ...) to the smaller parts, and from the topmost part to the lowest located on the body or face.

Table 3.1.2: Face and its parts

The Term	Meaning	Other Information
• Simplex		
ri	'face'	
siræt	'face'	
šelg	'complexion'	
belešt	'complexion'	
rext	'complexion, look'	
tig	'forehead'	
šišgæ	'temple'	
borg	'eyebrow'	
ti	'eye'	also <i>tiə</i>
merzeng	'eyelash'	
gop	'cheek'	
golop	'area from cheekbone to the lower	jaw'
lop	'cheek'	Persian loan
noft	'nose'	
dæmaG	'nose'	also <i>dæma</i> z
læw/ læp	ʻlip'	also <i>dohō</i> "
$d ilde{o}^{\scriptscriptstyle W}$	'mouth'	
puz/æ/e	'mouth'	also <i>puzæ</i> , <i>puze</i>
čiəl	'mouth and lips'	
mer	'mouth; snout'	
gir	'canine tooth, cuspid'	
kakili	'molar tooth'	
milom	'gum'	
mælaz	'palate'	
niəšt	'front teeth'	
zæG	'palate'	
$z ilde{o}^w$	'tongue'	
dən∮õ™	'tooth'	
iəlevar ¹³¹	'jaw'	
šælæk/ šælækæ	'jaw'	
kæčə	'chin'	
seviəl	'moustache'	
riəš	'beard'	

^{131.} In Bakhtiari, a glottal stop is produced naturally and before any initial vowel. For more discussion see 4.1.9 below.

Complex

dærz-e tig	'the middle line of the forehead'	lit.opening-of-forehead
din-e šišgæh	'the edge of temple'	lit.tail- of-temple
puren(d)-e ti	'eyelid'	lit.cover-of-eye
bin-æk/bi-vin-æk	'eye pupil'	lit.see-doer
kase ti	'eyeball'	lit.bowl-eye
toxm-e ti	'cornea and pupil; center of the eye	lit.seed-of-eye
šæ-h-i ti	'pupil'	lit.black-h-ATTR-eye
spiəd-i ti	'white part of the eye'	lit.white-h-ATTR-eye
peræk-e noft	'ala of the nose'	lit.leaf-of -nose;
		= pær-e noft
tiəχ-e noft	'nose blade'	lit.blade-of-nose
sila noft	'nostril'	lit.hole-nose
dənǧõ ^w zær-i	'permanent tooth'	lit.tooth-gold-ATTR
dən <i>фõ</i> ʷ-gir	'cuspid'	lit.tooth-hold
dən <i>ðõ</i> ^w morwari	'milk tooth'	lit.tooth-pearl
dənǧõʷ gi-ga-h-i	'milk tooth'	lit.tooth-turd-cow-
		h-attr ¹³² .
pa zolf-i	'side-burn'	lit.foot-hair-ATTR
čal-e kæče	'chin cleft; dimple'	lit.hollow-of-chin
din-e šælækæ	'end of jaw'	lit.tail-of-jaw

3.1.2.3 External parts of the body

The major portion of the words in the present inventory (almost 43%) belongs to the external parts of the body. Out of the 129 terms, 91 are monomorphemic (74%). In several cases, the complex terms refer to exactly the same body part as the simplexes, but they clarify more details, e.g *merk* 'elbow' and *kel-e merk* 'side-of-elbow = elbow'.

To refer to the left or right side of the body, the modifier comes after the body term, preceded by an Ezafe marker -e, e.g. dæst-e rast with the literal meaning 'hand-of-right'. In some marked cases the definite marker comes after the modifier, e.g. kelek kučir-e 'finger-small-the'. The whole compound acts as a lexical unit.

Body is referred to in a number of ways, as discussed in the introductory section of the body parts.

There are two words to refer to the head; *sær* and *kæle*, both shared with animals, but the second one can have a pejorative meaning when referring to humans. *sær* has also the spatial meaning of 'top' or 'the beginning'. *mælaz-gæ(h)* 'palate-place= anterior fontanelle' is the exterior part right above the internal part *mælaz* 'palate'. A big head is considered as a sign of lordship and grandeur

^{132.} It indicates the ritual of buryin fallen milk tooth into the fresh turd of a cow.

whereas big feet are sign of adversity and mishap.¹³³ It is worth mentioning that *sær-šur* basically means 'head-wash', which indicates the religious and cultural habit of going to the bath (washing heads) only when the menstrual period ends.

Multiple words are in use to refer to different kinds of hair. *mi* is used to refer to the hair on the head. *mel*, on the other hand, refers to animal hair and the body hair of humans. A woman is respected more with long hair. The braided hair and also the *torne* (see footnote 134 below) of a woman is considered as a sacred entity. *torne* is actually a hair style, a bunch of the front hair twisted on the both sides of the face. ¹³⁴Therefore, cutting braids with scissors or a knife and compiling them on the grave is a sign of extreme mourning and paying respect to the deceased one. To scold a woman, one may call her *pæl terašte* 'shaven-headed'. *pæ(h)l* is used more in the sense of tress or braid.

A number of terms describe the neck, in its multiple appearances and functions. <code>gærðe(n)</code> is the default word for the neck. <code>na</code> seems to be more specific for the lower part of the neck, where a necklace, <code>na-bænd(e)</code> 'neck-fastener', is usually worn. <code>boluri</code> is the most problematic term and the consultants could not agree on its real meaning. Some even said it means like <code>bolur</code> 'cristal, glass ware', but this interpretation is probably affected by the Persian words <code>bolur</code> and its attributive form <code>boluri</code> 'white, shiny, transparent'. <code>tišni</code> can be both external and internal, because on the one hand it indicates the point where an animal's throat is cut, and on the other hand, as mentioned earlier, it is considered to be the point where pain and sorrow accumulates and can consequently become fatally swollen.

Shoulders and their segments are also referred to by multiple simplex and complex terms: $\S \tilde{o}^w$ 'shoulder', mol 'shoulder blade', $hast-e \check{c}ambaer$ 'shoulder blade', $mol=o \S \tilde{o}^w$ 'shoulder' and $\check{j}or=o mol$ 'upper back and shoulders' A distinction should be made here. To shoulder something or some responsibility is expressed by mol 'shoulder blade' and not by $\S \tilde{o}^w$ 'shoulder'. Being tall and broad shouldered with a sturdy body is a privilege for both men and women, helping them to have prominence and more stamina and vivacity.

In Table 3.3.2, after the terms for shoulder, the terms for arm and hand are presented and the terms for the rest of the trunk will follow.

134. Here are photos showing this typical Bakhtiari women hair style:



^{133.} A proverb describing this view goes as:

sær-e gæp nemæt-e, pa gæp nekbæt-e

^{&#}x27;a big head is a gift, a big foot is a misfortune'

Although both *œngost* and *kelek* can have the general meaning of digits, their more salient referents are hand fingers, and to refer to toes, the Ezafe construction is used *kelek-e pa* or *œngost-e pa* both meaning 'finger-of-foot'.

 $ne\chi\tilde{o}^w$ also belongs to both the hand and foot, although here again, the primary referent is fingernail. Long nails are thought of as demonic when combined with $ti\ pelegni\check{\phi}e$ 'bulging eyes' and long yellow teeth, they are the true personification of Satan

To refer to arms and its different sections several simlex words are used, almost interchangeably, such as *čolog* 'armpit', *bægæl* 'armpit, the side of the body', *dæs(t)* 'arm and hand', *čel* 'upper arm', *båhi* 'upper arm' as well as the complex term *zior-čel* 'armpit'. It would be a good idea to apply the Body coloring method, introduced by Van Staden and Majid (2006), to designate the exact extension of multiple terms for armpit, side of the body and back. This will certainly be done for this inventory in the future field trips.

Generally, thick and stout limbs, wrist and ankle are more favored since they are thought to increase the chance of survival along the perilous and calamitous migration routes.

There are also multiple terms to refer to leg and foot. *pa* is a cover term that refers to both, while *leng* primarily means 'leg'. *liog* is mostly used to refer to long legs in a not very favorable way.

Some words such as *eškæm* and *kom* can mean both 'stomach'and 'belly', therefore, they can be categorized as both internal and external body parts.

The different terms for male genitals are probably regional and dialectal varieties. Interestingly for female genitals there is only one word used which is used in many other Iranian languages including Persian.

From the three different words for skin, *pust* 'skin' also although an old word, ¹³⁵ can be a loan from Persian. *tu* 'skin', however, is the default Bakhtiari word for human and animal skin as well as the bark of a tree. *mært* 'skin; layer' although can be used for outer skin, it basically means the membrane of the internal organs, as in the expression: *mært-e del=om ræhð* 'my heart is peeled'to illustrate the intensity of fearful situation that the person has experienced.

Table 3.1.3: External parts of the body

The Term	Meaning	Other Information
• Simplex		
laš	'body'	
tæn	'body'	
bæðæn	'body'	
135	_	

ænðo/am 'body'

kæle 'head' shared between people and

animals

sær 'head'mi 'hair'

mel 'body hair, hair'

pæ(h)l 'hair'

torne 'the decorative bunch of hair on both side of a wonan's face'

nit 'a hair thread'denjal 'temple hair'gios 'tress'

čæk 'crown; vertex; parting'

guš 'ear'
bælæk 'earlobe'
gærðe(n) 'neck'

na 'neck, throat'

boluri¹³⁶ 'neck, throat, Sternal notch'

kolmate 'back of the neck'

tišni 'throat' the area right down from the Adam's apple, Sternal notch

šõ" 'shoulder'mol 'shoulder blade'

čolog 'armpit'

bægæl 'armpit, the side of the body'

'arm and hand' daes(t)čel 'upper arm' 'upper arm' båhi 'elbow' areng merk 'elbow' 'wrist' moč ængost 'finger/ toe' kelek 'finger/ toe' količ 'the little finger'

*most*¹³⁷ 'fist'

tænge/æ 'palm of the hand' pæng(e) 'five hand fingers'

pælm 'palm plus five fingers when open'
pængal(e) 'palm plus five hand fingers'

neχõ" 'nail' sine 'chest'

^{136.} boluri-s kelæws-e zal=e

^{137.} See image three from table 3.3.6 below.

jor 'hump, hunch'
kok 'hunch'
pestō" 'breast'
gō"/gun 'breast; udder'
mæme 'breast'
tel 'belly'

kæmær 'back' back, lower back, waist

pošt 'back'
kul 'upper back'

terioz 'the indented part of the spine'

mohr 'vertebra' aleme 'groin, thigh' 'foot, leg' pa 'leg' leng 'leg length' liəG 'hip joint' quv/we 'thigh' $r\tilde{o}^w$ zuni/zõwi 'knee' 'shank' čæft tek 'calf' 'ankle' guzæk bot 'buttocks'

kend 'buttocks, bottom'

lombæ 'buttocks'

gorde 'the area in the back where kidneys are located

internally'

naf 'navel, belly button'eškæm 'stomach, belly'kom 'stomach; belly'

tel 'belly'

pæ(h)li 'sides of the belly to the back' covering kidney parts with

the spine as the borderline

kæð 'waist, loins, small of back'

maze 'spine'

riočal 'the fine skin under belly' the starting point of pubic

hair growth

qin 'anus' this word is actually

pronounced with a nasalized/i/, thus [qi]

sil'anus'kēr138'penis'māmele139'penis'

^{138.} This word illustrates one of the few occurrences of a long vowel in Bakhtiari.

^{139.} The length of the vowel in this word compensates for the loss of the glottal stop in the originally

'penis' sændæl also šondæl

gond 'testicles' 'vulva, vagina' kos čort 'pubes'

'pubes' rom 'wart' mo 'skin' pust tu 'skin' 'skin; layer' mært

• Complex

'anterior fontanelle' mælaz-gæ(h)lit. palate-place kase sær 'skull' lit.bowel-head

boluri tišni 'the length of the neck' lit.whiteness-neck/throat

ĭit-e na 'bottom part of the neck/ throat' lit.end-of-neck

'flank' lit.tail-water-hold.prs din-æw-ger 'shoulder blade' hæst-e čæmbær lit.bone-of-twisted horns lit.shoulder bla

mol=o šõw 'shoulder'

de-and-shoulder

lit.tip-of-breast

lit.head-of-breast

jor=o mol 'upper back and shoulders' lit.hump-and- shoulder

balde

nok-e pestőw 'nipple' sær-e pestőw 'nipple'

miə-qõw 'between the breasts' lit.mid-breast kel-e merk 'elbow' lit.side-of-elbow ziər-čel 'armpit' lit:below-upper arm kelek kučir-e 'little finger' lit.finger-little-the (the

little finger)

kelek nit-e 'little finger' lit.finger-hair thread/

small-the

kelek gæp-e 'thumb' lit.finger-big-the 'knuckle' kelek lit.knot-of-finger

tænge dæs 'middle of the palm' lit.palm-hand teriəz-e maze 'the indented part of the spine' lit.hollow/ notch-of-spine

mohr-e pošt 'vertebra' 'waist line' domjar

lit.lumbar vertebra-of-back the parting line of the body into domjar be ziər 'waist line and lower' and

'waist line and upper' domjar be bala

'tail bone, coccyx' buz-din lit.goat-tail 'buttocks' lit.back-the pæs-e

Arabic word.

χαye-bæχt 'testicles' lit.egg-fortune

qæl=o gond 'testicles and penis' lit.hanging-and-testicle

'back part of the upper leg' ræw ræw lit.go-go

kæšk-e zuni 'kneecap' lit.kæšk¹⁴⁰-of-knee gor/ ger-e zuni 'kneecap, patella' lit.joint-of-knee zæl-i čæft 'knee pit/ pop' lit.bent-ATTR-knee ziər-tek 'the lower calf' lit.below-of-lower leg gond-e tek 'gastrocnemius muscle; the prominent part of the calf'

lit.testicle-of-lower leg

gondole tek 'gastrocnemius muscle' lit.bump-of-lower leg

'five toes' pænj-e lit.five-the 'five toes' lit.five-the-foot pænj-e pa kend-e pa/ kæče pa 'heel' lit.buttom-of-foot/ chin-of-foot

lit.finger-of-foot

'toe' kelek-e pa 'inside the foot arch' tænge pa lit.palm-foot

3.1.2.4 Internal parts of the body

The internal terms consist around 14% of the present data. The interesting point is that the simplex and complex terms are very close in number (24 versus 17). These statistics illustrate the fact that the internal organs and parts are less salient, which may be simply because they are not visible.

Most of the terms are shared between humans and animals, as with all the other tables. The list could be more extensive if the body parts of non-domesticated animals were included.

Sometimes the complex words seem to be redundant, giving the same meaning as their simplex counterparts, as in the case of mæzq 'brain' and mæzq-e sær 'brain'. Here, for instance, the real meaning of *mæzq* is 'marrow' as indicated in the expression $m \alpha z q - e hosta \chi \tilde{o}^w$ ' the marrow of the bone', as well as its cognate in the Middle Persian **maz***g* 'brain, marrow' (Mackenzie 1971: 55).

An interesting concept is related to the navel, which seems to be shared by other peoples of the region.¹⁴¹ It is related to a seemingly imaginary body part that lies right behind the navel. When this organ drops or falls, Bakhtiari naf væsten 'navel-to fall', the affected person will experience pain and weakness. The remedy is to relocate the navel in its allocated place. In Bakhtiari it is done by a ritual-like manoeuver, usually by an elderly woman.

^{140.} dried yoghurt balls kept for later consumption.

^{141.} Compare Punjabi *kəDDi* in Majid (2006: 250) and Hawrami *naha* in Abbasi (2012: 329).

Table 3.1.4: Internal parts of the body

The Term	Meaning	Other Information
• Simplex		
mæzg	'brain'	This form is less frequently used than its complex form <i>mæzg-e sær</i> .
kælase	'skull'	, and the second
geli/ gili	'throat'	
zæhle	'gall bladder'	
del	'heart, belly'	
qælb	'heart'	
pof	'lungs'	
ænderin	'inside'	intra-abdominal viscera
ruin/ revin/rivin	'intestines'	
kol	'intestines'	
gæðe	'stomach'	usually for animals, for people in a pejorative sense
kom	'stomach; belly'	1 0
eškæm	'stomach; belly'	
gordale	'kidney'	
jiyær/ jær	'liver'	
esbol	'spleen'	also: inflammation of the spleen (cholecystitis)
ka	'pelvis'	
e/ostexõ ^w	'bone'	
hæst	'bone'	
hostəχõ ^w	'bone'	
kovar	'skeleton'	fig: a very skinny person
piə(h)	'fat'	
gušt	'flesh'	
gor	'joint'	
ræg/y	'vein'	
mært	'membrane'	
• Complex		
čærb-i	'fat'	lit.oily-attr
mæzg-e sær	'brain'	lit.brain-of-head
χοr-χοr-i(n)	'Esophagus'	lit.eat-eat- ATTR
ær-osteyõ"	'bones and ribs'	lit.ær ¹⁴² -bone

^{142.} The first part of this combination does not have any special meaning.

kurč-kurč-æk	'cartilage'	lit. <i>kurč-kurč</i> ¹⁴³ -little doer ¹⁴⁴
gend-e mohr	'lumbar vertebra'	lit.piece of vertebra
bænd-e maze	'spinal cord'	lit.rope-of-spine
jiyær-e espiəð	'lungs'	lit.liver-the white
jiyær/ jær šæ(h)	'liver'	lit.liver-black
pof-in	'lungs'	lit.puff-attr
pof espiəð	'lungs'	lit.puff-white
dæs čæp	'spleen'	lit.hand-left ¹⁴⁵
ænar-æk	'femoral head'	lit.pomegranate-like also:
		ænaræ/ænar
ger ger	'joint'	lit.knot-knot
ger-hæst-e dæst	'humerus or forelimb'	lit.joint-bone-hand/arm
ger-hæst-e pa	'femur'	lit.joint-bone-leg/foot

ger-hæst-e dæst
ger-hæst-e pa'humerus or forelimb'
'femur'lit.joint-bone-hand/arm
lit.joint-bone-leg/foot
lit.bowel?!146-head
lit.urine-containerwær-kar'flesh/fat on the belly'lit.front/cover147-work?!
lit.four-holder-of-pelvis

del-o kol 'inside (stomach plus intestines)'

lit.heart-and-intestines/all

3.1.2.5 Bodily products

Table 3.3.4 contains words and terms that are not parts of the body *per se* but are related to the semantic domain of body parts. It is noteworthy that out of an inventory of 34 words, only 9 are complex which is an indication of high conceptual salience of these terms. These nouns can combine with certain verbs to express the related action. For example *æræx* means 'sweat' but 'to sweat' is expressed by the help of the verb *kerðen* 'to do' hence *æræx kerðen*. Other examples are *jõ^w daðen* 'lit.soul-to give= to die'; *guz kæðen* 'lit.fart-to dig= to fart'; *næfæs zeiðen* 'lit. breath-to hit= to breathe'.

It should be noted that the table is formed based on human bodily products, although some of the terms such as aray 'sweat' or cerk 'pus' can also be used for animals. The animal bodily products are included in the following table 3.3.5, which is designed exclusively to represent body parts of animals.

^{143.} The first two parts of this compound are onomatopoeic words. The same lexeme exists in verbs such as *koručniden* or *koruč koruč kerden*, both meaning 'to chomp'.

^{144.} For more information regarding this suffix, see 3.1.2.2 above.

^{145.} It is refered to in a sentence such as: tir xærd be dæs čæp-es 'the bullet hit its spleen.'

^{146.} This word does not exist separately. The provided meaning is just a guess based on the similarity of the words kase 'bowel' with kælase and the shape of the skull which is like a bowl than contains the brain.

^{147.} Not sure about its meaning here.

^{148.} This is an example showing how the same terms are used for the animals: **wsb=om wrwy keróe** 'My horse has sweated.'

The Term	Meaning	Other Information
• Simplex		
æræχ	'sweat'	
bælgæm	'sputum'	
čerk	'pus'	
dæm	'gas; edema'	
ĭõ ^w	'soul, spirit'	
tof	'spittle'	
fizer	'big infected boil'	
	'vomit'	
šekofte ai	'excrement'	
gi ac(h)		
go(h)	'excrement'	
sende	'excrement'	
guz	'fart'	
ter	'fart'	
tos	'gas/ wind'	
ker	'wrinkle'	
meste	'urine'	
miəz	'urine'	
mo	'wart'	
mof	'snot'	
næfæs	'breath'	
kæf	'foam (mouth)'	
keverč	'dandruff'	
koræw	'blister'	
tohm	'seed'	
hin	'blood'	also <i>zin</i>
• Complex		
æχ=o tof	'catarrh'	lit.interjection-and-spittle
æw-e kamar	'semen'	lit.water-of-back/loins
æw-e tohm	'semen'	lit.water-of-seed/testicle
čerk-e guš	'ear wax'	lit.pus-of-ear
g ærm-i	'rashes'	lit.warm-ATTR
piəš-æw	'urine'	lit.front-water
sær-šur	'menses'	lit.head-wash
adet ¹⁴⁹ -i	'menses'	lit.habit-attr
zærd-æw	'bile'	lit.yellow-water

^{149.} Arabic loan

3.1.2.6 Additional body parts and products of animals

The animal parts that are included in the table 3.3.5 mainly belong to the domesticated animals of Bakhtiari nomads. The list could be more extensive if the body terms of non-domesticated animals were included, words such as, *kælm* and *kælmit* which both mean 'tusk'. This table contains bodily products of the animals, as well.

The salient parts that are not mentioned here, such as head, hand or foot, are shared by humans and can be found in the above tables of this section.

Table 3.1.6: Additional body parts for animals

Meaning	Other Information
'wing'	
'skin of animal'	
'urine'	
a fat gland under the skin of the anima	ls
'leather'	
'the molars of the quadrupeds'	
'birds'crop'	
'the low-fat and thin tail of a sheep'	
'udder'	
'the low-fat and thin tail of a sheep'	
'the fluffy hair of a goat belly'	
'ovine placenta'	
'tailbone of a sheep'	
'placenta of <i>heivõ</i> ^{w150} '	
'teats'	
'bean-like glands under the skin of a g	oat'
'hair (e.g. goat, wolf)'	
'cow's white discharge at the time of r	nating'
'half of the body; one-half of a cow or	ovine's body'
'beak'	
'feather'	
'wool'	
'powder/ crushed manure of ovine, ho	rse, donkey and bovine'
'ovine's dung'	
'antenna; twisted tail (e.g. scorpion)'	
'the dried out watery stool stuck to the	sheep wool and hair'
	'wing' 'skin of animal' 'urine' a fat gland under the skin of the animal' leather' 'the molars of the quadrupeds' 'birds'crop' 'the low-fat and thin tail of a sheep' 'udder' 'the low-fat and thin tail of a sheep' 'the fluffy hair of a goat belly' 'ovine placenta' 'tailbone of a sheep' 'placenta of heivōw' 'placenta of heivōw' 'teats' 'bean-like glands under the skin of a general skin of

^{150.} $heiv\tilde{o}^w$ refers to a category of animals consisting of sheep, goat, cow, horse and donkey. For a more detailed discussion on animal classification see 3.2.1 below.

šaχ 'horn' soro 'horn'

sial 'the skin under an ewe's tail'somat 'donkey and horse dung'

sombolik 'the little hoof of a cow + ovine' tækæ(e) 'dried dung horse, donkey and bovine'

tælunæ 'dewlap of a cow and ewe'

tæpalæ 'cow dung'

tart 'watery faeces of animals'

val 'mane'

zehe 'female animals'genitals'

Complex

čel-gæz-be-gi 'the small intestine of all the animals' lit.40-meters-to-stool qir-e sæq 'a dog's cuspid' lit.cuspid-Ez-dog kæš kæš 'ovine's small intestine' lit.pull.prs-pull.prs kæwš-æk 'the outer part of a hoof' lit.shoe-small/like 'the stomach of ovine/ horse and bovine'lit. feather-feather-ATTR pær-pær-i riə-zæhlæ-k 'the green watery stool of ovine or cow caused by an inflated gall bladder' lit.stool-gall bladder-doer

sir-silæwæ 'tripe (all animals)' lit.full-?šir-šir-æk 'small brown glands in the stomach of ovines'

lit.milk-milk-doer

yal-ðin 'horsehair' lit.mane-tail

3.1.2.7 parts of the body for measurement

Majid (2006: 250) raises the issue of body part terms in Punjabi that express a hand configuration. The outstanding similarity of these terms with their Bakhtiari cognates encouraged the idea of including Table 3.3.6 in this section. It contains 11 photos showing diverse hand configurations that Bakhtiaris use as measurements. It should be noted that these words, except for *most*, are not considered as a body part, therefore, they are not included in above tables. But since for configuring these measurement units, body parts such as hand, fingers and arms are used, the inclusion of this table is justified.

In the paragraphs following the table, each picture and the related term will be explained.

It should be noted that these are not the only possible meaningful hand configurations in Bakhtiari, but here a preference is made to just represent the ones that are used for measurements.

Table 3.1.7: Configuration parts of the body

The term	mesurement	Other Information
belest	'∼ 20 cm'	M
tælape	'a handful'	
(yæ) most	'lit.one-fist=two cupped l	
	••	
čar ængost	'lit.four-finger= the leng	gth of 4 fingers (~5-6 cm)'
nok-e kelek	'lit.tip-of-finger= one k	muckle (~ 2cm) ²
пок-е кеlек	пи.up-or-пnger= one к	inuckie (~ 2cm)

(yæ) gend 'lit.(one) piece= as big as two knuckles'



pendelake 'a little'



'lit.(one)-*gæz*; ~ 100 cm' (yæ) gæz



'lit.(half)- $g\alpha z$; ~ 50 cm' nim gæz



(yæ) bægæl 'lit.one-armful= as big as the area shown'



(yæ) gilin 'lit.one-skirt= a lap-full'



The first picture represents the configuration that is used to measure the bredth. *belest* is comparable to *cappa* in Punjabi (Majid 2006: 252). To measure the breadth of something the hand is placed on it as shown in the picture. In the next move, the little finger stays firm, the thumb is moved towards it; when it reaches it, then the thumb will stay and the little finger moves along the piece that is measured. Each *belest* is approximately 20 centimeters, measured from the tip of the thumb to the tip of the little finger, as marked in the photo.

tælape and *most* are used to measure entities such as grains and seeds. The interesting point is that the two cupped hands configuration is not called *do tælape* 'two-*tælape*' but a *most*, while the primary meaning of this word is 'fist'.

čar ængost 'four fingers' is also used to measure the breadth or length of something. As marked in the photo, the distance between the tip of the index finger till the tip of the little finger is counted, which is approximately 7-8 centimeters.

nok-e kelek 'tip-of-finger' is used to measure liquids, such as the amount of water that must be on top of uncooked rice in a pot.

gend is specifically used to measure pieces of meat.

Not all the consultants could agree on the exact meaning of *pendelake* 'a little'. There was just one consensus, viz that it means something insignificant. Examples included 'a fast and small child'. For the same configuration, the terms *hæm-godær* 'this-much' was also mentioned.

gæz and nim gæz are both used to measure the length or breadth of a piece of fabric. As illustrated in the photos, from the tip of an outstretched arm to the tip of the nose, while the face is also outstretched to the opposite direction of the arm, is considered to be one meter. To measure 50 centimeters of a piece of fabric, one end is held tight in the extended hand and the other end will be placed right in the middle of the arm, the hollow point opposite of the elbow.

(yw) bwawl is usually used to measure harvested crops; indicating the amount that can be placed between the clenched hands, while the arms are outstretched from the body, i.e. an armful.

gilin 'skirt' is the only term in the above table that by no means can be considered a body part. By the involvement of the hands and arms, however, it can be used to measure solid objects such as collected acorns or grains, as shown in the photo. It is also comparable to *codor* 'large shawl' in Punjabi (Majid 2006: 252).

3.2 SPECIFIC TERMINOLOGY FOR FAUNA AND FLORA (Ethnobiology)

The aim of this section is to explore the ways in which Bakhtiari nomads see, perceive and categorize their natural surroundings. This area of research, known as Ethnobiology, is relatively new¹⁵¹ and the first cognitively oriented works on the subject dates back to 1950s. The pioneer figure who tried to conceptualize all the research done in the field is Brent Berlin (1972, 1973, 1976 and 1992), see also Berlin, Dennis E. Breedlove and Peter H. Raven (1973, 1974).

These works were exploring the fundamental similarities between the seemingly diverse folk biosystematics. By formalizing the possible principles that underlie folk taxonomies, scholars strive to understand the conceptual basis of these classifications in the human mind. Berlin et al (1973: 214-216) present nine principles that they believe were proven by the data that have been gathered in what was admittedly a small number of societies.

These principles were used in the analysis of the Bakhtiari data. As will be explained below, the Bakhtiari data do not always match the proposed principles. The core of Berlin's research is the concept of hierarchy in the ethnobiological classifications that are found in the world's languages and cultures¹⁵². This hierarchy and its related terminology is summarized in Berlin et al (1973: 240):

- (1) There are at least five, perhaps six, taxonomic ethnobiological categories which appear to be highly general if not universal in folk biological science. They may be named as unique beginner, life form, generic, specific and varietal. A category called "intermediate" is suggested but further data will be required to establish it firmly. Generally, the category exhibiting the largest number of taxa is the generic. Generic taxa mark the most salient conceptual groupings of organisms in any folk taxonomy and represent the fundamental units in ethnobiological classification.
- (2) The five ethnobiological categories are arranged hierarchically and taxa assigned to each rank are mutually exclusive. Taxa of the same ethnobiological category characteristically, though not invariably, occur at the same level in any folk taxonomic structure.
- (3) The naming of taxa, which occur as members of the ethnobio-

^{151.} The idea of classifying the natural world is by no means new and can be traced back to Plato and Aristotle, as well as to the ancient Chinese, Persian (partly discussed further below) and Indian civilizations. The scientific study of systematic classification among different human communities, i.e. Ethnobiology, however, is comparatively a young area of research. Nevertheless, even the ranked classification of nature and binomial nomenclature, as developed and practiced today as a scientific endeavor, can also be considered to have roots in the Systema Naturae (1735) by Carl Linnaeus (1707-1778), the Swedish botanist, zoologist and physician known as 'the father of modern taxonomy'. 152. This idea was later challenged by several scholars, most notably by Cecil H. Brown (1974, 1978), Stanly Witkowsky (1978) and Eugen Hunn (1975).

logical categories, can be reduced to a small number of nomenclatural principles which are essentially identical in all languages. Life form and generic taxa tend to be labeled by primary lexemes; specific and varietal taxa tend to be labeled by secondary lexemes. The unique beginner is rarely named, but if so, its label will be a primary lexeme. While recognizing that nomenclature and category membership must be analyzed separately, there seems to be strong evidence that the linguistic structure of a plant or animal name is usually a good mirror of the taxonomic status of the category which it represents.

The fundamental questions in this field, therefore, are what elements of nature are selected and have received a taxon by pre-scientific or traditional communities and why they are categorized in the way they are.

Two main criteria can be found in the literature to propose an answer to the above enquiries; namely, an intellectual and a utilitarian one. Proponents of intellectualism, such as Scott Atran, propose, in Brown's (1993: 80) words "that biological organisms are categorized and named by folk independent of the practical values and uses species may possess for them."

Brown further states that Berlin in his intellectualist view thinks, "ethnobiological knowledge is fundamentally cognitively motivated, entailing perception of organism salience in local environments and judgments concerning relative degrees of similarity and differences among species."

Utilitarianists such as Eugene Hunn, on the other hand, "... argue that folk classification of plants and animals is a means for human beings to adjust to their environments by classifying and assigning names just to those species that have important, practical consequences for human existence (Brown 1993: 79)."

Both Berlin and Brown believe that in traditional societies, only plants and animals that are highly salient will receive a name, but this salience does not necessarily correspond to their usefulness. Salience can be either intrinsic or cultural. Intrinsic salience refers to some innate features of an organism that help it to stand out and to be noticed, features such as bright colors or a big size. The cultural salience refers to the role of an organism in forming and at the same time representing the cultural aspects of human communities. In describing this cultural significance, Berlin (1992) sometimes refers to the utilitarian aspects of plants and animals to prove their cultural significance. This is interpreted as a paradox in Berlin's argumentation and Brown (1993: 80) reacts to this point:

... it seems reasonable to conclude that utilitarianist considerations sometimes do indeed figure into the development of systems of folk biological classification and naming. Given

that Berlin recognizes cultural importance as a component of salience, it is curious that he does not reach this conclusion.

As for the Bakhtiari data, there exists certain categorical and nomenclatural behavior that, as I will argue below, does not support either the intellectualistic or the utilitarian approach to ethnobiology as it is represented in the literature. This lack of conformity may be interpreted as a result of ignoring the systematics of ancient taxonomies such as the Iranian one: "In most of the histories of science, biology and zoology, the Iranian evidence is ignored (Schmidt 1980: 211)."

Another important factor that seems to be overlooked in the process of formulation of the existing taxonomical theories is the role and importance of religious beliefs in shaping peoples' world view and the way they classify its natural and physical beings. The Bakhtiari classification, especially the categorization of fauna, as will be explained in the next section, seems to have roots in pre-Islamic, and more specifically, in Zoroastrian beliefs as presented in some Avestan and Middle Persian sources (See 3.2.1 below).

This taxonomic topic has received only scant attention in Iranian linguistic and anthropological studies. The present work is an attempt to represent the relatively numerous Bakhtiari terminology of flora and fauna (around a thousand terms, including 416 especially for fauna and 664 words and expressions related to flora). The data were first extracted from Maddadi (1997), and were later checked in the field by local consultants. Maddadi's work turned out to be not very reliable when it comes to the definitions of fauna and flora, more specifically in regard to the minute differences in the referents of the terms related to domestic animals and animal husbandry terminology. The information requires specialized knowledge that, most probably, was not accessible to Maddadi at the time of his data collection.

The definition of flora is also vague in many instances and as will be explained in the relevant section, checking with locals in the field proved not to be the solution towards a definitive explanation.

In the general list of Appendix 7, however, the page numbers in Maddadi's book are mentioned, just to document a written source for the data. The words that do not have a page number were added by me during the fieldwork. It is also notable that the original extracted list from Maddadi included more than 480 terms related to fauna, but it was reduced to 416, simply because the other terms were not known by my consultants from the Haflang nomads. Whether they are used by the Charlangs or other neighboring nomads, is not clear to me, and Maddadi himself, when asked, could not remember the exact time and place of their collection.

^{153.} Another corpus of 333 landscape words and expressions is collected during my field works. The work on this corpus requires more investigation and fieldwork to understand the possible existing taxonomy of topographical elements in the nomads' environment. Therefore, the data is not included in the present work.

The following two sections on fauna and flora start with presenting the taxonomical charts elicited from prolonged discussions with nomads, and more specifically during many years of living and working with them. As expected with herd breeding pastoral nomads, the section on fauna contains more detailed information, and the taxonomical system is more grounded than the section on flora. These differences are discussed in their due sections.

3.2.1 Classification of fauna

The specific way of categorizing fauna employed by the Bakhtiari nomads, caught my attention in later years of my direct contact with them; more specifically during the autumn migration of 2007 in which I accompanied them.

During the seasonal migration, team work becomes crucial. Every early morning shepherds should take the responsibility of guiding a certain group of herds of ovine and start moving towards the next stop, long before the whole camp (people and packed animals) start their daily walk. These early groups usually take indeterminate routes; wandering as far and away as possible with the intention of letting their herds fully enjoy grazing the free pastures and verdure of the area. The rest of the camp, however, follows them towards the next stop by choosing one of the five established migration routes. Each one of these routes has long been assigned to certain tribes, and these rules and agreements are respected to the present time.¹⁵⁴

When the elders were dividing the herd between shepherds, I noticed that they distributed the animals into categories different from what is generally known as scientific taxonomy. For instance, cows were not grouped as quadrupeds to be put into the same team as horses or mules. Bakhtiari nomads treat animals differently, some receive more attention and others, less, and it seems that there exists a hierarchy of interest in and respect towards their herds. Ewes are the elite of the domestic animals in such a way that being appointed as *bærgelõ*^w 'the lamb shepherd' will honor the favorite child. In the second order are goats and the third level belongs to horse and mule. Cows are kept by few families, mostly for their milk to make dairy products, their meat is used very rarely and sometimes in sacrificial rituals. Donkey, although of prime importance for transportation of household loads, is always mentioned with the apologetic expression *bæla nesbæt* roughly translatable as 'be away from you' as an apology for mentioning its name in the presence of people. Scientific categories like mammals or insects and the like are non-existent.

These utilitarian or cultural considerations, however, are not necessarily reflected in the way that Bakhtiaris classify the animal kingdom. This can be interpreted

^{154.} These routes are called: 1. *tænge fale 2. dez-part 3. hezar-čæme 4. kuh espið 5. taraz-kuh*. The Hamule tribe usually does its migration through *taraz-kuh*.

^{155.} See 3.2.1.2 below.

^{156.} Arabic loan literally meaning 'without relation/ proportion'.

as an indication that their taxonomical system is originated based on different criteria rather than the practical importance of the animals in their life.

Figure 17 shows the hierarchical classification of fauna in Bakhtiari.

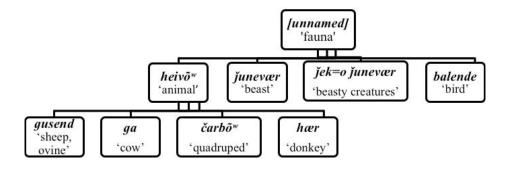


Figure 17 Bakhtiari taxonomy of fauna

To begin with, this system has only three levels of hierarchy (in Berlin's terminology: unique beginner, life form and generic) for three out of four of its life forms. The class with the most levels is *heivõ*^w 'animal' which also has the so-called specific level. This fact does not conform with Berlin's first principle mentioned above and repeated here: "(1) There are at least five, perhaps six, taxonomic ethnobiological categories which appear to be highly general if not universal in folk biological science. They may be named as unique beginner, life form, generic, specific and varietal", Berlin et al (1973: 240).

There exists no term corresponding to English Animal Kingdom or Plants, or to Persian Heyvanat/ Janeværan 'animals' or Giyahan 'plants'. This is not uncommon, as quoted in the third generalization above from Berlin et al (1973: 240), since the first level of taxonomical hierarchy, the unique beginner, is universally rarely named.

All the fauna is classified into four life forms: *heivõ*" 'animal', *junevær* 'beast', *jek=o junevær* 'beasty creatures', and *balende* 'bird'. These are the core meanings of the terms and not their actual referent. In other words, although birds are universally considered as animals, they are not included in the Bakhtiari category, which actually means animal, i.e. *heivõ*". This is in line with Berlin et al. (1973: 217) findings that although "the overwhelming body of evidence now in hand suggests that nomenclature is often a near perfect guide to folk taxonomic structure", what may be observed in some folk systemics is that "no isomorphic correspondence is claimed to exist between nomenclature (i.e., names given to classes of plants and animals) and classification (i.e., the cognitive relationships that hold between classes of plants and animals)."

There are two peculiar issues about life form level of the classification in Bakhtiari. First, there is no category such as fish or sea animals unlike in generally known systematics. This is difficult to understand, because the two biggest rivers of Iran, namely Karun and Dez, originate from what is locally called the Bakhtiari mountains, near Kuhrang, and they flow all through the Bakhtiari territory. Therefore, Bakhtiaris are not alien to sea life or better to say, to river life and its creatures. In fact there are terms to name different aquatic creatures such as *mahi* 'fish', mar-mahi 'eel', qa-mahi 'a kind of big fish' and mahi-derar 'heron'; but they do not have a separate category in mind for them. Generally, one can say, Bakhtiaris are not very keen on eating fish even nowadays when several fish-breeding ponds are running in their territories and some of the Bakhtiaris have found expertise by working in these centers¹⁵⁷. During our talks about animal categories, and when I insisted on finding a place for fish, Negahdar wittingly said: "Let's put it next to gusendo" 'ovine' because we'll eventually eat them!" This comment may indicate that the utilitarian view was not originally decisive in forming Bakhtiari taxonomy; otherwise, edibility of the animals should have been a decisive categorical criterion and consequently they would have a category for other edible creatures as fish. Some other aquatic creatures, such as kox 'a shrimp-like aquatic creature' and ker-ze-leng 'crab', are grouped in jek=o junevær 'beasty creatures' as undesirable and maleficent animals.

The absence of aquatic creatures cannot be attributed to any previous attested mode of classification in the Iranian culture. Schmidt (1980: 219) in his discussion of ancient Iranian classification of animals, mentions the Avestan term **upāpa** and its Middle Persian equivalent **ābīg** both meaning 'living in the water' as one major class in any tripartite or quintuple classification that is attested in our sources. Berlin et al (1973: 217) suggest that in cases such as the above, a semantic change might be a possible explanation.

The second deviation from the proposed principles lies in the name of the category *jek=o junevær* 'beasty creatures'. According to Berlin's proposed principles, taxa in the level known as life form, are universally tagged by a primary lexeme, whereas *jek=o junevær* is obviously a compound formed by the head noun *junevær* 'animal/ beast' juxtaposed to *jek* 'something small, tiny' by the conjunction =o 'and' or sometimes without it, simply pronounced as *jek junevær*. This is difficult to explain, because the category itself, unlike fish, can be traced back to ancient Iranian classifications and one would expect a specific simplex word for naming it.

The definition of the *jek=o junevær* category which includes all the maleficent creatures from insects to reptiles and from rodents to amphibians, is a reminder

^{157.} After the revolution, Jahad-e Sazandegi (previously known as the ministry of agriculture) funded these ponds in different rural areas in Iran as providing the locals with jobs and a form of sustainable livelihood.

^{158.} Schmidt's main sources are Bundahišn (mostly the Iranian version of Anklesaria 1956) and different versions of $Z\bar{a}dspram$.

of a very distinct category in pre-Islamic classification of the animal kingdom, namely the category of *yerrefstær*. Moazami (2015)¹⁵⁹ summarizes the notion of *yeræfstær* as interpreted by several scholars:

> The word xrafstar (Av. xrafstra-, MP. xrafstar), evil animal, has been variously interpreted, and its exact meaning is much disputed. According to the traditional interpretation Zarathushtra used it in the Gāthās (Y. 28.5; 34.5) pejoratively for "the enemies of the religion" (Bartholomae, AirWb. col. 538). Some scholars see in it a reference to evil animals whom Zarathushtra chose to exclude from the sacred place of worship and hence symbolically from the whole good creation (Humbach, 1991, pt. I, pp.118, 140; pt. II, pp. 24, 107). H. W. Bailey suggested that the term is a derivation of an Indo-European verbal base $*\sqrt{(s)ker}$, (s)kerp-, (s)krep- "to bite, sting, cut" which looks promising (Bailey, 1970, pp. 25-28). But, the krt suffix -tra-is never formed on an s-extension. There is a great likelihood that there were two different terms in Iranian daevic vocabulary, as we have *prystr in MMPers., and plstl is attested in the Bundahišn (TD2, fol.73v.9). Therefore, the term can be derived from fra-pt-tar, "things that fly-creep" (Gershevitch, 1954, 62, 246; Moazami, 2005, p. 302). Jean Kellens proposed that the term approximately means "affreux, sauvage" (Kellens and Pirart, 1990, II, p. 231).

The category of *jek=o junevær*, too, as is presented in table 3.2.6 below, contains all the creatures that bite, crawl, creep and fly and are considered undesirable, but in comparison with ancient Zoroastrians, Bakhtiaris do not feel that they should eliminate them fervently, but only when they cause danger, such as when a poisonous snake approaches the household. They even think that some of these creatures should be treated with care and respect. This will be discussed in more detail in the due section (see 3.2.1.5 below).

In the following sections seven tables (3.2.1-7), containing taxa related to each part of the taxonomical system, will be presented. The order of the presentation begins with a discussion on the first life form category, $heiv\tilde{o}^w$ 'animal', and all its sub-group tables, *guseno*, 'ovine', *ga* 'cow', čarbow' 'quadruped' and hær 'donkey' (tables 3.2.1-4). The other three life form categories will be presented subsequently (tables 3.2.5-7).

In addition, seven more tables (tables 3.2.7-14) are added to illustrate the depth and variety of linguistic manifestation of this lifestyle. For instance, table 3.2.8 contains 97 verbs and phrasal expressions (around 23% of our data) that are directly related to animal husbandry practices. A list of legal terms that are usually

^{159.} http://www.iranicaonline.org/articles/mammals-03-in-zoroastrianism

related to the use of shared pastures (table 3.2.9); a variety of interjections, whistling sounds and other voices that are produced by humans and animals as crucial communication means in a nomadic herd breeding lifestyle (table 3.2.10); tools used for herding (table 3.2.11); animal diseases (table 3.2.12) and a list of terms that show the relation of humans to animals (Table 3.2.13) will follow. This section will end by a list of other taxa that includes animal body parts, some adjectives and other words that exist in Bakhtiari lexicon in relation to fauna (table 3.2.14).

In each table, taxa are divided into simplex and complex forms. In glossing the words and expressions, when the exact meaning of a constituent was not clear to me or it was presented previously as a term, the Bakhtiari word is repeated without any change; examples are: šæh-lal where lal does not have a separate meaning; hence the gloss: lit.black-lal, whereas in boz-e pæl, pæl has been explained before so the term is also glossed as: lit.goat-Ez-pæl).

In many taxa there is a suffix -wk, as in the case of body parts, ¹⁶⁰ which in many cases, especially in regard to bird names, seems to be lexicalized. Therefore, these words are considered to be simplex. In other words, where it conveys a diminutive meaning or has a meaning close to 'like', it is considered as a suffix and as a consequence, the word containing it is listed as a complex word. When a term refers to more than one category, it is repeated in all the related categories, such as: *twelunæ* 'dewlap of a cow and of an ewe'.

3.2.1.1 qusenð 'ovine'

In Bakhtiari, the majority of taxa is related to the category of *gusenð*, 'ovine' which includes 71 terms of the present data.

The word *guseno* etymologically means 'holy cow' from Avestan *gao spənta*. The sheep, however, was called *anumaya* 'bleater', but as Mary Boyce (1990: 82) states in relation to Zoroastrian practice of small animal offering: "... in Young Avestan the old generic term for cattle, *pasu*, came also to be used specifically for it (together with goats), evidently as the most numerous and hence representative of the Iranians' livestock." All the small animals and large animals (*staora* including cattle-bovines, horses, camels and donkey) were considered as the creatures of "Vahu Manah/ Bahman(q.v.) and hence ritually "clean" and acceptable for sacrifice, but each was evidently dedicated by standard Avestan formulas as *gav-spanta*-, the "holy cow," as if it were indeed a cow, the ideal offering... The priests presumably customarily asked the laity for the "*gaospənta*," and this term came in time to be used as a name for the animal most regularly produced, i.e., the sheep (Pers. *gōsfand*). (Boyce, 1990: 82)"

An interesting fact about this category is the inclusion of supposedly wild animals such as *pazen* 'mountain she-goat' and *kæl* 'mountain goat'. Their inclusion 160. For a discussion on different manifestation of this suffix see 3.2.3.1.above.

may be explained by referring to the afore mentioned Zoroastrian cosmology, in which these two animals were grouped together with sheep and goat as pasu or the small clean animals suitable for offerings.

The following taxa, which constitute approximately 18 % of the data, are equally divided into simplex (36) and complex (36) words. The related taxa represent the animals in a variety of sex (ex: čæpeš), age (ex: kæve), color (ex: æwzæ), physical characteristics (such as the shape of their ear, ex: bæl), whereas others refer to their functions and roles in the flock (ex: nia raw) or other attributes (čæper).

Table 3.2.1. Taya for ausoná 'ovine'

The Bakhtiari term	n Meaning	Other Information	
• Simplex			
ælo	'a white and brown ewe'		
æwoki		'an ovine which goes from one herd to another one without being claimed by the owner of the second herd'	
æwzæ	'a two-colored wool goat'		
bæhðæ	'a two-year old male goat'		
bæl	'a goat with long, wide and l	hanging ears'	
<i>bære</i>	'lamb'		
big	'kid'		
boz	'goat'		
čæper	'an ovine or cow whose kid	is dead'	
čæpeš	'a yearling goat; a he-goat'		
<i>Gæ</i> ši	'1. The Arabic species of ew	e, a non-Bakhtiari species of	
	ovine; 2. A goat which has a	ovine; 2. A goat which has a tuft under its lower jaw'	
<i>Gæzal</i>	'a small and beautiful white	'a small and beautiful white lamb'	
gusenð	'sheep/ ovine'		
huli	'a hornless goat'	'a hornless goat'	
<i>jælaw</i>	'a yearling castrated ovine'		
kæl	'mountain goat'		
kæmbili	'a sheep that has stool stuck to its wool'		
kærčæk	'the thin and not fatty tail of		
kæve	'lamb between six months to	'lamb between six months to one year'	
kelær	'kid or lamb after its infancy		
kori		'a black goat with small folded ears'	
lori	'a big-eyed, woolly-headed	'a big-eyed, woolly-headed and fat-tailed sheep'	
mendal	'a suckling kid'	•	
miəš	'ewe'		
næžði	'a non-Bakhtiari species of g	goat which breeds twins'	
pazen	'mountain she-goat'		
ræhš	'a goat with white and black	hair'	
riəwær	_	'a new-born/ milking lamb/ kid/ calf'	
		=riwæ r	

sehis 'a goat that walks ahead of the herd and leads the rest'

šišæk 'a two-year old sheep that has bred once'

tæ'us 'a sheep with flat and wide ears' also: tæhus/tæhvus

tæge 'a two-year old male goat= tištær'

tæhæ 'a dark brown cow or ewe' 'dewlap of a cow and ewe' tælunæ tir 'fat and healthy (ovine/cattle)' tištær 'a yearling she-goat before breeding'

also: tištěær

værændil 'a three-year old ewe' rarely used

Complex

ælo-piəsæ 'an ewe with wool in different colors'

lit.white-colorful

'a lamb kept only for mating' bæræ-guči lit.lamb-guči

'an ovine which is born in spring' lit.spring-give birth.PRS. bahar za big-e piəš vænǫ-e 'a pre-termed kid' 161 lit.kid-Ez-fore-fall.PST-PTC big-e bahar-e 'a kid born in spring' lit.kid-ez-spring-attr 'a well and nicely shaped kid that is kept for breeding' big-e do-bor-i

lit.kid-Ez-two-cut?.prs-

big-e do-mar 'a kid fed by two goats' lit.kid-Ez-two-mother

'a kid given as share for a funeral costs' 162 big-e særbare

lit.kid-Ez-særbare

'a male kid which is older than two years' big-e tæge

lit.kid-Ez-*tæge*

'a weak and feeble kid'163 big-e væng-e lit.kid-Ez-weak-ATTR

'a goat with long and horizontal horns' boz-e pæl

lit.goat-Ez-pæl

do-bær-i 'a sheep that breeds twice a year;

a sheep that breeds twins lit.two-lamb-ATTR

do-bor 'a two-year old goat' lit.two-cut?.prsdo-mar 'a kid or calf which has been fed by another ewe besides

> its mother' lit.two-mother

do-row 'a ram which has mated for the second time with the

group of ewes in the flock' lit.two-thigh

do-som-e 'ovine or cow which have two-parted hoofs'

lit.two-hoof-ATTR

do-za 'a twice-bred ovine' lit.two-give birth.PRS.

'a white-fronted horse or ewe with a čal-e ælo

^{161.} fig: weak and feeble

^{162.} fig: a very skinny goat

^{163.} also pejoratively for humans

	brown and white body'	lit.white front-EZ-white
čal-pæl	'a goat with a white front and horns hanging	
	towards its shoulder'	lit.white front-hanging
jelæw-kæš	'the ovine that moves ahead of the herd' 164	
		lit.front- pull.prs.
jelæw ræw	'the ovine that moves ahead of the herd'	
		lit.front-go.prs.
kal piəsæ	'a sheep with black and white wool'	
		lit.brown-colorful
kor ¹⁶⁵ æwzæ	'a black and white goat with small ears'	
		lit.short-dotted
kor-i sia	'a goat that is completely black	' lit.short-attr-black
mænmæn-u	'the sheep that walks the last'	lit.stay.prs-stay.prs-attr
miəš-e kal	'a black ewe'	lit.ewe-Ez-black
miəš-e koh-i	'a mountain ewe'	lit.ewe-Ez-mountain-ATTR
nær miəš	'a male sheep'	lit.male-ewe
nia ræw	'an ovine that walks in front of a herd while the rest	
	follow it'	lit.front-go.prs.
pæs-æs-til ¹⁶⁶	'a goat that has bred twice; a three-year old sheep that	
	has bred once'	lit.after-of-til
pæs-tir '	a goat that has bred twice'	lit.after-tir
tir-e boz	'a two year-old fat goat'	lit.tir-ATTR-goat
sær-kæš	'the lead goat of the herd' 167	lit.head-pull.prs.
sehis-e nia-ræw	'a goat that walks ahead of the herd and leads the rest'168	
		lit.sehis-Ez-front-go.PRS.
šæh-lal	'a goat with big, wide ears and very black hair'	
		lit.black- <i>lal</i>
tišt/ðær-be-gæle	'a sheep that has gone to another herd' 169	
		lit. <i>tištær</i> -in-herd

It is noteworthy that apart from the physical differences of the animals that are used for naming, some of these animals have special roles in the herd. For instance, bæhðæ 'a two-year old male goat' is used for zat keš-i 'lit.quiddity/ nature-pull. PRS-ATTR; breeding'. When castrated it is called do-bor, sehis or sehis-e nia ræw 'lit.sehis-the front-go.PRS' as a more frequent term, and is used to lead the herd. They usually carry a big metal bell on their neck so that the rest of the herd can hear their direction while their heads are down grazing. One of the wise environmental practices that are seen rarely today, was that a cloth bag full of barley or clover

^{164. =}dobor/ sehis

^{165.} kor in general means short, but in reference to animals it indicates the small or twisted ears.

^{166.} also: pæs-ta-til; pæs-da-sill; pæs-ta-sil

^{167. =}*do-bor*

^{169.} fig: a person who has left his tribe residing in another tribe

seeds used to be hung to the neck of the *sehis-e nia ræw*. The bag had a hole in it, so that the seeds would drop on the ground and the herd would trample on and push them into the ground. In this way the nomads could preserve their pastures and guarantee some fresh verdure on their way back for the next seasonal migration.

3.2.1.2. *ga* 'cow'

As mentioned before, is not a favorable animal to keep for a nomad. To feed a cow is more expensive than sheep and goat, its meat is rarely used and it is a very slow animal to keep up the pace on the migration route. Very few nomads keep one or two cows, mostly for their milk. Decades ago, however, cow and especially oxen were used both for carrying loads as well as for ploughing.

Having this in mind, one should look for another reason for the existence of a separate category of cow in the Bakhtiari nomads' taxonomy.

The physical salience cannot be the only reasonable explanation, since camels are also used by some neighboring tribes such as Qashqais and therefore, Bakhtiaris are aware of the existence of some other big animals but they do not assign a separate category to them. Here again, it seems that some explanation can be found in the role and status of cow in pre-Islamic worldview.

As mentioned above, in ancient Iranian society, a cow was considered as an ideal offering to deities (Boyce, 1990: 82). This sacrificial practice continues to exist in several contemporary Iranian societies, including among the Bakhtiaris. A major manifestation of this same belief can be observed in the case of sacrificing a cow when several members of the tribe die, for any reason, but within a short span of time. It seems that in a dire situation such as this, a sheep or goat will not suffice to prevent the harm and a cow should be slaughtered and its meat should be distributed among at least seven households as an offering to the god/ spirits to prevent further deaths.

The word *ga* by itself has other diverse meanings in the language, ranging from 'big'as in *qa-din* 'a kind of big scorpion; lit.cow-tail' and *qa-mahi* 'a big fish; lit.

170. Skjaervø (2006: xiii), too, in his course on Avestan introduces The Cow as one of the key concepts that one should have in mind before embarking any study of Avestan texts: "The cow plays an extremely important role in the world of the Old Avestan poet, as she represents his subsistence, providing many of the things necessary for his and his family's survival, as well as for the ritual. Having many cows is a guarantee of well-being and a symbol of being favored by the gods. Hence, the object of revitalizing Ārmaiti is to ensure peace and pasture, without which no stable human community is possible. The cow was created by Ahura Mazdā, but, as we are told in 1.29, no special ratu- was provided for her within the original scheme of Order established during the first state, hence she has no human protector and provider of forage, only the heavenly Ahura Mazdā himself. For this reason Zarathustra, Ahura Mazdā's favorite poet-sacrificer, is instituted as her master and protector and provider of forage. According to the poet, the cow was thus created and intended for the followers of Order. Social disorder and conflict is therefore to a large extent apparently based upon the fact that those whom the poet considers to be followers of the Lie are frequently those who actually own the most cows and controls the pastures. By these the cow is obviously mistreated, fettered, and even killed, as reflected in 1.29, 32.14 and in various YAv. text passages (Y.12.2, Yt.10.38, 86, V.3.11, 5.37, 18.12)"

cow-fish', 'a ploughing measurement' signifying a piece of land equal to 50 Man (Man= 7 kilos); to the name of a star: ga be mal 'the sign of evening; lit. cowto-camp' signifying the time when the whole herd (not the cows) should have returned to the campsite. The cows are usually kept in or very close to the camp for grazing; therefore, it is not clear how to interpret the word *ga* in this compound. Other ambiguous usages of qa were discussed above in relation to the funeral songs gagrive (3.1.3 above footnote 123) and the special kind of marriage ga be *ga* (3.1.1 above, footnote 96).

Whatever the significance of cow in the past or present of the Bakhtiari culture, 30 terms exists in the lexicon that are related to cow, i.e. almost 7.5 % of our data. They contain 13 simplex and 17 complex words. These terms express a whole range of meanings, signifying different colors, roles and growth stages of the animal as are depicted in table 3.2.2. below:

Table 3.2.2: Taxa for qa 'cow'

The Bakhtiari term	Meaning	Other Information
• Simplex		
gær/ guwær	'calf until one year'	
golu	'a three to four months old calf'	an endearing term
hæšuwe	'a baby buffalo'	
parine	'a year old female calf'	
pel	'a young male calf'	
pelu	'a one-year old ox'	
šængol	'a two years old she-calf'	
šul	'a white-tailed cow'	
tæhæ	'a dark brown cow or ewe'	
tælunæ	'dewlap of a cow and ewe'	
tir	'fat and healthy (ovine/cattle)'	
vorza	'a castrated ox'	
zærð	'a beige cow'	
• Complex		
do-bænģ	'an ox which has performed ploughing for two successive years'	
	1	lit.two-belt/ fasten
do-mar	'a kid or calf which has been fed	by another ewe
		lit.two-mother
<i>do som</i> ¹⁷¹ - <i>e</i>	'ovine or cow which have two-pa	arted hoofs'
		lit.two-hoof-attr

^{171.} Classifying the animals based on their hoof shapes as round-hoofed or double-hoofed is also a very ancient method of categorization that is attested in some Old and Middle Iranian texts (Schmidt 1980: 219-225).

ga-hiš-i	'a ploughing ox'	lit.cow-plough-ATTR	
ga-long	'a cow that doesn't stop eating	and eats everything	
	(even plastic,)'	lit.cow-long	
ga mæ-kal	'a lazy ox that doesn't plough'	lit.cow-NEG-plant.PRS.	
ga matul	'a cow and its calves; a cattle h	erd'	
		lit.cow-matul	
ga mal	'cowherd'	lit.cow-mal	
ga miəš	'buffalo'	lit.cow-ewe	
ga-pæl	'a cow with horizontal horns po	'a cow with horizontal horns pointed towards the earth'	
		lit.cow-pæl 'hanging'	
ga-piəsæ	'a black and white cow; a two-	colored cow'	
		lit.cow- <i>piəsæ</i>	
ga telin	'a lean cow that has a huge bel	ly = ugly'	
		lit.cow-belly-ATTR	
та да	'she-cow'	lit.female-cow	
nu wænð	'a young cow that has just reached the age of ploughing'		
•		lit.new-belt/fasten	
šæh-čal	'a black (cow) with a white forehead' 172		
	•	lit.black-white forheaded	
zulæk-za	'an animal (cow) that starts bre	eding early in life'	
		lit.zulæk-give birth.prs.	
vorza hiš-i	'an ox suitable for plowing'	lit.castrated ox-plough-	
		ATTR	

3.2.1.3 čarbõ^w 'quadruped'

 $\check{c}arb\tilde{o}^w$ is the next subdivision of the life form category $heiv\tilde{o}^w$. Quadruped is actually not an exact equivalent of this word, because quadruped includes all the animals walking on their four feet, but $\check{c}arb\tilde{o}^w$ does not include quadrupeds such as ovine, cattle and donkey. The word itself consists of two parts, namely $\check{c}ar$ 'four' and $b\tilde{o}^w$ the meaning of which is not directly accessible. $=b\tilde{o}^w$ and its variant $=p\tilde{o}^w$ can be considered as a suffix meaning 'keeper' as in words $bac=b\tilde{o}^w$ 'lit.garden-keeper=gardener' $ga=p\tilde{o}^w$ 'lit.cow-keeper=cowherd'. Another possible interpretation of $\check{c}arb\tilde{o}^w$ might be as $\check{c}ar=b=\tilde{o}^w$ in which $\check{c}ar$ means 'four', =b- is etymologically pa 'foot' and $=\tilde{o}^w$ is the adverbial suffix meaning having a quality or a profession, here 'having four feet'.

There is another possibility to consider $= \tilde{o}^w$ as the plural suffix (See 5.1.3 below), hence the translation quadrupeds.

This category, however, consists of horses of different age, color and sex including *qater* 'mule' which is fathered by a donkey.

Here a distinction should be made between two different forms of animal

^{172. =} ga-čal

groups. gæle only refers to a flock or herd of ovine while ræme means a team of horses, a stud of mares, a span of mules and a herd of donkeys, altogether. Thecompound gæle ræme, however, means the whole group of animals in a camp, including the drove of cows.

The possession of a big *ræme* is the sign of wealth and prosperity, therefore, ræme-dar 'lit.ræme-have.prs', one who has a ræme, equals being rich.

Table 3.2.3 consists of 20 taxa for this category, 13 simplex and 7 complex, which constitute almost 4.8 percent of the whole data.

Table 3.2.3: Taxa for čarbo" 'quadruped'

The Bakhtiari term	Meaning	Other Information
• Simplex		
æsb	'horse'	
čærme	'a white horse'	
kæhær	'a plain black horse'	
kol	'a two-year old foal'	
kolu	'mare foal'	
komiət(ð)	'brownish-red (horse)'	
ma $\check{\phi}\tilde{o}^{\scriptscriptstyle W}$	'mare'	also: mõ ^w
nil	'blue, a white-bluish horse'	
qater	'mule'	
ræšχο	'a beautiful and shapely horse'	
sæmænd	'a yellowish horse' 173	
yabu	'a horse old enough to be saddle	ed;
	a castrated riding horse'	
yaGi	'unruly horse'	
• Complex		
čal-e ælo	'a white-fronted horse or ewe w	vith a
	brown and white body'	lit.white front-Ez-whit
be-ðæw	'an attribute for horse in genera	ıl'
•	J	lit.to-run.prs.
bur-čal	'a reddish brown horse with a white forehead.'	
		lit.brownish red-white
		forehead
kæhær čal	er čal 'a black horse with a white patched forehea	
		lit.black horse-white
		forehead
nu zin	'a horse ready to be saddled'	lit.new-saddle
nu-z-ðin	'a two-year old mare foal'	lit.new-from-tail
yorgæ ræw	'a horse that prances'	lit.prance-go.PRS.

^{173.} This definition is from Maddadi (1996); my consultants, however, think that a sæmænd is either white or gray.

3.2.1.4 *hær* 'donkey'

The last sub-category of $heiv\tilde{o}^w$ is hær 'donkey'. This animal is quintessential for a nomadic life style, but it is not treated with favor and much care. As mentioned earlier, it is even considered rude and impolite to mention it in the presence of others, especially guests or respected people. This reluctance is effective in regard to all the taxa in the table related to donkey, and maybe to a lesser degree in regard to all the life form category of $heiv\tilde{o}^w$.

There are some expressions and compounds that are worth mentioning here. *nær-hær-be-ræme* 'lit.male-donkey-in-herd' or the shorter form *hær-be-ræme* refers to a male donkey foal which is separated from his mother immediately after birth and is fed with a mare's milk. He will be kept in and adopted by the team of horses and when old enough is mated with a mare to breed a mule. Mules are stronger and more resilient than donkeys, but are sterile. Therefore, there should always be a *hær-be-ræme* in the herd to be able to breed *qater* which is a very useful load animal. Usually a whole tribe has three to four *hær-be-ræme*, and they can be borrowed for breeding mules.

Interestingly, although *qater* belongs to the category of donkey, it is the most expensive animal of all in a herd, even more expensive than the luxurious horses and the beloved ewes. This is simply because a *qater* is more useful and practical. Here again we see a clear example that shows that a utilitarian criterion cannot fully explain the logic behind a chosen taxonomy. In other words, based on a utilitarian approach, considering the outmost usefulness and practicality of a *qater*, Bakhtiaris should have assigned a separate or higher category to it, as is the case with horse, sheep and donkey, but unlike the useless cow, it does not have a category of its own.

hær-e xorma rin 'lit.donkey-Ez-dates-shit.PRS'; a donkey that excretes dates!' figuratively means a turbulent situation and has an apocalyptic connotation.

hær gilu zeiðæ 'a rolled in the dust donkey' can be used pejoratively to a person with very dirty clothes. Donkeys usually roll themselves in the dust when they are unloaded.

hærgelõ" 'lit.donkey- PL- \tilde{o} "' means a 'donkey herder'. Here the suffix $-\tilde{o}$ " shows the profession.

One indication of the practical importance of donkeys in a Bakhtiari nomad's world can be the number of words and expressions related to this animal, 11 in total, which are more than half the expressions related to the family of horse with all its cultural prestige and grandeur. This stresses the fact that the concept of salience, either intrinsic or cultural, as is focused in the literature, is not always an insightful criterion towards understanding Bakhtiari folk taxonomy. Because as discussed above, horse with both cultural and practical salience has no separate category, while donkey does.

The relatively high number of taxa for useful animals, however, shows the effectiveness of the utilitarian criterion in developing a rich nomenclature by traditional communities such as the Bakhtiaris. These terms are divided into 6 simplex and five complex words as presented in table 3.2.4 below:

Table 3.2.4: Taxa for hær 'donkey'

The Bakhtiari term	Meaning	Other Information
• Simplex		
diəze	'a gray donkey or mule'	
gæzæ	'a white-grayish donkey, a si	ilver donkey'
hær	'donkey'	
hæwli	'donkey foal'	$=_{GU\check{Q}U}$
mače	'female donkey'	
χοφ̃u/ Guφ̃u	'donkey foal'	
• Complex		
gæzæ-ðiəzæ	'a gray donkey with a black	muzzle'
		lit.silver-gray (donkey)
ma hær	'female donkey'	lit.female-donkey
nær-æk	'a young male donkey'	lit.male- <i>æk</i> ¹⁷⁴
nær-hær-be-ræme	'a male donkey that is kept i	n
	the team to mate with a horse and breed a mule' 175	
		lit.male-donkey-in-team
nu palõ ^w	'a female donkey or mule w	hich
	is now old enough for carry	ing loads'
		lit.new-packsaddle

3.2.1.5 junevær 'beast'

The second life form category is called **junevær** 'beast', which includes all the animals that are generally known as wild and some that are not usually considered as wild and are even domestic in other communities, such as cat, rabbit and dog. Some of these animals are edible, like *quraz* 'wild boar' and *hær-qu*š 'rabbit', but they are very rarely eaten. Only if a hunter succeeds in shooting them, they will be shared with others. Most people are reluctant to eat *guraz*, because it is considered as Harram based on the Islamic rules.

The word **junevær** consists of two parts **jun** 'soul, life, spirit' and the suffix -vær meaning 'having or practicing a quality' with an epenthetic vowel -e- in between. Therefore, the whole word can mean 'the one who has soul' or 'the one who is alive'. Here again, we see that the literal meaning of the category cannot directly

^{174.} Here it is diminutive suffix. For more information about this suffix see 3.1.3.2 above.

^{175.} Fig. a bully and stupid person, good-for-nothing

guide us towards its content.

Table 3.2.5. can be more extensive, but I just included the most frequent and everyday words that are relevant to the life of a nomad. The wild life in Zagros mountains, like in many other places in Iran and around the world, is endangered, so nowadays there are many young Bakhtiaris that have never seen a lion, a tiger, a cheetah or a panther in their whole life. But they have certainly heard many stories from the tribe elders about wild animals attacking the camps especially in winter when prey is harder to find in the wild.

Among all the wild animals, *gorg* 'wolf' has several manifestations in their daily life. First a piece of wolf's hair *mel-e gorg* 'hair-Ez-wolf' is used as a means to prevent the evil eye, therefore, it is interwoven in or pinned to the decorative bands, *æršerdæng*, that are usually hanging across a black tent, or above a nomadic cradle, *tæhðe*¹⁷⁶. It can also be attached to a very small amulet bag, which is usually pinned to a child's clothing on the shoulder area. A wolf cuspid or any other tooth can be used in the same way to scare the evil spirit, Al or Jen, away. When somebody is scared or if a child startles, especially in its sleep, they would ceremonially say: *besmella gorg* 'In the name of God, wolf!' apparently to justify the cause of fear to a real creature and not to an evil spirit, and therefore, to calm the child and ease their own mind. The other reason behind saying this expression is that they think even a jinn or evil spirit is afraid of a wolf, so by calling wolf, they would go away along with their potential harm.

The general belief is that Imam Ali, the Prophet's cousin and successor according to Shia', will visit the true believers incarnated as a yellow lion.

The lion has always been a very important figure in Iranian culture in general, as is depicted in the stone carvings of Persepolis, and it is also prevalent in the Bakhtiari cultural activities such as in lamentations, carpets and other handicrafts motifs. It has been an old tradition to put stone lion sculptures, *bærd-e šir*¹⁷⁷ 'lit.stone-Ez-lion' as a tombstone on the grave of the tribe's heroes or of respectable tribe members such as *khan*s 'chiefs' or warriors to immortalize their greatness. The carved motifs on the body of the lion would have been a sword, a rifle, a dag-

^{176.} This kind of cradle is relatively small and light, so that mothers can carry them on their back on the migration route. While in the camp, they will fasten the child for the most part of the day to *twhǫ́e*, without diapers, but use a piece of reed called *bolur* that is adjusted to the child's genitals, so that urine be directed to a tin that is attached to the foot of the cradle.





ger or similar items that symbolize the bravery and grandeur of the deceased one. 178 This practice survived to the present, although it has not been very popular for many decades in the twentieth century. The recent tendencies to regain a unique identity among other neighboring ethnics encouraged the new generations of Bakhtiaris to retain this specially Bakhtiari old practice in the last almost two decades. The only difference is that the new stone lions are less symbolic and look more realistic 179.

The dog is also a very important animal for a nomad and every household has at least one or two that help the shepherds with managing the herd, but most importantly to keep the household safe from casual robbers and thieves during the dark nights in the wild. Unlike the pre-Islamic grand status of a dog in religious rituals, Islam considers dog as *næjes* 'unclean', as a result the nomads are very careful to make sure that their dogs' muzzle would not touch anything near the household and always do their best to keep the dogs as far from the tent as possible, sometimes in a harsh manner like throwing a stone at them.

Boars in different sex and age, foxes, hedgehogs and jackals are among the most frequent visitors of nomadic camps. I personally have seen all of them during my visits to the field, but have never seen a panther, lion or bear.

Table 3.2.5 contains 23 taxa, 16 simplex and 7 complex, which consist around 5.5 percent of the data. It is notable that some animals may have different names, such as Cheetah that can be called yuz in Bakhtiari or be called by an attributive name such as *sær-kæn* 'the head cutter'.

Table 3.2.5: Taxa for junevær 'beast'

The Delahtieni teme	Magning	Oth on Information
The Bakhtiari term	Meaning	Other Information
• Simplex		
čule	'hedgehog'	
gorbe	'cat'	
gorg	'wolf'	
guraz	'wild boar'	
jonge	'boar pup'	
meimin	'monkey'	
pelæng	'panther'	

^{178.} The interested reader is advised to consult Khosronejad (2008), an Iranian anthropologist with a focus on visual traditions who has done a thorough research and has made a documentary on stone lions in Bakhtiari.



'beech marten' risom rosi/ rosin 'sable' 'fox' ruva 'dog' sæv 'marten' semur 'lion' šiər 'male boar' ta turæ(e) 'iackal' 'bear' χers 'cheetah' yuz

Complex

dar-dæwn/ dar-dom	'squirrel'	lit.tree-down/ tree-tail
gur-kæn	'European badger	(Meles meles)'
		lit.grave-dig.prs. (diger)
та-хі	'female hog'	lit.female-hog
sæy æw-i	'seal'	lit.dog-water-ATTR
sæy-gorg	'wolf dog'	lit.dog-wolf
sær-kæn	'cheetah'	lit.head-cut ¹⁸⁰ .PRS. (cutter)
χ/hær-guš	'rabbit'	lit.donkey(big)-ear

3.2.1.6 jek=o junevær 'beasty creatures'

jek=o junevær is the third life form of our taxonomical system. In the introductory paragraphs of this section (3.2.1) a thorough discussion of this category is presented, repetition of which seems redundant here.

An interesting concept, however, seems worth mentioning and that is the division of snakes into two types: *mosalmun* 'Moslem' and *kafær* 'pagan'. To kill a Moslem beast is a great sin, because that animal is not going to harm anybody. The harmless snake has a khaki color and striped skin. When such a snake encounters humans or animals, it will only show its tongue but will not attack.

Once I also observed a kind of fortune telling by using a dead snake. They dropped it from a certain height and said if it falls down on its back, the pregnant woman in the camp will deliver a baby boy. But if the dead snake falls on its stomach, the baby will be a girl.

Most of these annoying creatures exist in the hot areas of *gærmesir* 'the winter camping sites'. The species that are shared in both summer and winter camping areas differ in their degree of harmfulness. In other words, the creatures of *gærmesir* are more poisonous and fierce and their attacks can be fatal in comparison with

^{180.} The verb *kændæn* has diverse meanings equivalent to English 'to dig', 'to cut', 'to pick up', 'to pull', and 'to pluck'.

their eylag-i counterparts. This is another reason the nomads love eylag so much more than qærmesir.

An interesting point is the inclusion of an imaginary or legendary animal oždoha 'dragon' in this category. This term exists in other dialects as oha or ohiva, as well (Maddadi 1997: 20; 30). It can also mean a very big snake.

The ladybug is used for wishing a dear one to come back. If they find a lady bug around, they will pick it up and put it on their hand and start repeating its name halum bia, halum bia, having somebody in mind or hart that they wish to come and visit them. They keep doing this until the ladybug flies towards, they suppose, the wished-for person.

A peculiar member of this category is the honeybee, pæyše asæl (lit.fly-honey) or *pæhšæ asæl*. The consultants believe that honeybee is in this group not because it is harmful or undesired but only because it is a tiny animal, a jek. Therefore, it seems that our initial explanation of this category should be modified to justify the presence of harmless but tiny creatures like honeybee and ladybug.

Table 3.2.6 contains a considerable 70 taxa, almost 18% of the data, which are equally divided into simplex and complex ones.

In cases that several taxa exists for a single creature, dialectal variety may be a possible explanation; such as the case with 'tadpole' which has three different words: kæmčæ, kæwčelioz and kasulæk.

The complex taxa are mostly formed by reduplication, often of two onomatopoetic constituents ending in an attributive suffix, such as čer-čer or feč-feč-u, which both refer to reptiles. The onomatopoeic parts are imitations of the sounds the animals are assumed to produce while crowling or jumping. The familiar suffix -ek (3.1.3.2 above) can be seen in some of the simplex taxa, but because it is considered to have been lexicalized, the term is included in the simplex list. Some other complex taxa are formed by juxtaposition of an adjective and a noun, such as ga-din 'a big scorpion' in which ga means 'big' and not a cow; or by juxtaposition of two nouns, such as qa-misæ 'stable fly', which actually refers to the flies that bother cows and other big animals.

Table 3.2.6: *jek=o junevær* 'beasty creatures'

The Bakhtari term	The Bakhtiari term	Meaning	Other Information
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Simplex

bæg/bæx 'frog' potol 'dung beetle' 'a kind of locust' čendake čenj 'Black mole cricket' 'moth' čim

ga 'Sawtooth Grain Weevil¹⁸¹, a kind of tiny bug'

gendal 'louse' gerzæ(e) 'rat' gonj 'wasp'

hæfi 'adder, a kind of snake'

kæmčæ 'tadpole' kævæk 'goat lice'

kæwčæk 'taenia, a kind of worm'

kæwčelioz'tadpole'kasulæk'tadpole'keik'flea'kolo'locust'

kor 'a baby locust (hopper)'koχ 'a shrimp-like aquatic creature'

lelek 'goat's parasite which looks like a tailless scorpion'

mæyæs'housefly'mar'snake'mošk'mouse'mur'ant'oždoha'dragon'

pæxšæ 'fly' also: pæhšæ and

pæχ/hše

pertæk
raz
remiz/rewiz
rešk

'butterfly'
'queen bee'
'termite'
'louse egg (nit)'

šeitõ^w 'spider'

sen 'Eurygaster integriceps, a kind of shield bug' sesbu 'a bee-like insect that in spring lays eggs in human

eye or nose and causes a disease'

suz 'a kind of fly with a very painful bite'

zæhle 'leech'

Complex

bað-kæmn'a dangerous snake'lit.wind-breathbæzgi-mar'desert snake'lit.dry land-ATTR-snake

boz-moj'Varanidea, a kind of reptile'lit.goat-mojčer-čer'a yellow venomous kind of lizard'lit.čer-čerdo-zõ"'a reptile with a bifurcate tongue'lit.two-tonguefeč-feč-u'a jumping snake'lit.feč-feč-ATTRga-din'a big scorpion'lit.cow-tail

^{181.} Oryzaephilus surinamensis

ga misæ	'stable fly ¹⁸² / dog fly'	lit.cow-misæ
gær-gærak ¹⁸³	'a kind of lizard living among roc	ks'lit.rock?!-gærak
gæž-din	'scorpion'	lit.crooked-tail
gendal-guš-ræw	'a tiny sort of millipede'	lit.gendal-ear-go.PRS
gi astaræ	'glow-worm'	lit.stool-star
gond-bor	'taratula, a kind of hairy spider'	lit.testicle-cut.prs
gonj-biwi	'a big and yellow bee'	lit.bee-oldlady
gonj-šiər	'a big bee with colorful strips (bumblebee!)	
		lit.bee-lion
hær gæz	'a green and yellow colored fly th	at bites donkeys'
		lit.donkey-bit.prs
halu-m-bia	'ladybug'	lit.uncle-my-come.prs
jir-jir-æk	'cricket'	lit. <i>jir-jir-æk</i>
<i>ju-bor</i>	'mole cricket'	lit.gutter-cut.prs
kasæ-pošt	'Mediterranean Spur-thighed Tort	oise (Testudo graeca)'
		lit.bowel-back
kerm tatal-i	'a hairy worm with brown dots w	hich exists abundantly
	in spring in the warm areas (gærr	n <i>esir</i>)'
		lit.worm-tatal-ATTR
ker-ze-leng	'crab'	lit.bent-from-leg
kole-mar	'a sort of short, briskly moving ar	nd very
	dangerous snake	lit.short-snake
leh-leh	'gecko'	lit. <i>leh-leh</i>
muriəz	'small ant'	lit.ant-small
		(mur+riəz)
pa duwal	'crab' ¹⁸⁴	lit.foot-band
pæhšæ(e) kur-e	'mosquito'	lit.fly-blind-attr
pæxšæ asæl	'bee'	lit.fly-honey
rofte-mar	'a kind of snake'	lit.sweep.pst.ptc-snake
sær-bæstekõ ^w	'a gray lizard, smaller than a chan	neleon, with black dots'
		lit.top-furniture
V • .	(, : 11: 1 01: 12	41.41 4 4

'a striped kind of lizard'

'a thin and long snake'

'a small and thin snake'

'millipede'

'woodlouse'

lit.lion-drunken

lit.tiny-snake-ATTR

lit.roll.prs.roll.prs.attr

lit.thin-snake

lit.fire-fire

šir-mæst

tæš-tæš

tærke-mar

tite-mar-i

tor-tor-u

^{182.} Stomoxys calcitrans

^{183.} http://aks.akkasee.com/files/gallery/_DSC6870ww.jpg.

^{184. =} ker-ze-leng

3.2.1.7 *balende* 'bird'

balende is the last life form category of our taxonomic chart. Bakhtiaris are not very keen on differences between the birds. To them, all the creatures with feather are birds, including hen and rooster that cannot fly.

Anonby (2006) has done a detailed study of the birds among neighboring "... speakers of the Mamasani dialect of Southern Luri, an Indo-European language with approximately one million speakers in southwestern Iran." In this study Anonby has succeeded in extracting a relatively detailed taxonomy of the birds of the region. It is curious that despite the cultural and geographical vicinity of Bakhtiari and Mamasani peoples, and the similarity of bird nomenclature in both cultures, no clear Ornithological taxonomy can be deducted from my prolonged discussion with and field observation of Bakhtiari nomads. They are well aware that some of the birds are edible and some not, some are wild and some domestic, some are big and some are very small, etc; but none of these characteristics creates a cognitive categorization for them.

The word *balende* is formed by the name of a body part *bal* 'wing' and the suffix *-ende*/ *-ænde* which conveys the meaning of 'one who has or one who does'; such as Persian words *dæv-ænde* 'one who runs' or *pær-ænde* 'one who flies; bird'. *balende* in Bakhtiari actually means a creature that has wings.

The bird names the frequently show the nominal derivational morpheme -æk (3.1.3.2 above). Some of them have become lexicalized, therefore the words containing them have been listed as simplex; examples being words such as fatulæk 'turtledove' the first part * fatul does not have any specific meaning in Bakhtiari or næræk in which the first syllable nær can mean 'male' but it doe not signify any direct relation to the actual meaning of the bird which is 'a kind of sparrow'. But in a word like zærð-æk, since the meaning of the first part of the word zærð- 'yellow' is reflected in the bird's name 'yellow-breasted bunting', -æk has been considered as a suffix with a vague meaning that ranges between 'like', 'diminutive' to an agentive meaning 'doer'; hence its place in the complex group of terms.

Another interesting point regarding of birds' names is the sparse usage of ono-matopoeic words, the only example in a total of 62 being *ko-ko-væng* (lit.*ko-ko-call*) 'owl'.

On the other hand, many of birds' names are made, interestingly, with verb formatives explaining their actions; such as $\S \tilde{o}$ *-gul-zæn-æk (lit.shepherd-deceit-hit. PRS-æk) which is a kind of bird that is believed to distract a shepherd; or du-zær (lit. yoghurt drink-eat/drink.PRS) 'white-necked vulture'; in which the white neck of the

185. The author provides a description of bird physiology and an inventory of cognitive distinctions that speakers use to differentiate bird types. A comprehensive taxonomy of bird knowledge in Southern Luri is presented in a diagram of bird families followed by a semantically organized list of the 84 terms for bird types found in the language, along with the meanings of these terms. Farsi, English, and scientific labels accompany descriptive notes (from the abstract of Anonby 2006).

bird is assumed to be a result of drinking the white *du* or the traditional yoghurt-drink.

Other prevalent characteristics of bird nomenclature are the existence of body parts and color terms in their constructions; such as: din deraz (lit.tail-long) 'longtailed, a bird like sparrow' or din zærd (lit.tail-yellow) 'yellow-tailed' or sinæzærð (lit.breast-yellow) 'yellow-breasted bunting'.

Other adjectives, apart from colors, are also used in making birds' nomenclature; sometimes with the help of attributive adjectives, and at other times in a combination of other nouns or verbal morphemes. Examples are jaz-e-hezar-zow (lit.jaz-ezthousand-tongue) or 'hoopoe' in which jaz can refer to a kind of plant with pointed leaves, combining it with the imagery of thousand tongued is probably an attempt to refer to the comb-like crown of this bird. Another example is kæla bærf-i (lit. crow-snow-ATTR) 'a white crow', which is made by using two nouns, the second one of which has been changed to an adjective by the help of the attributive suffix -i.

The list of birds contains 63 words, almost 15% of the whole data, divided into 30 simplex and 33 complex one as shown below in table (3.2.7) below:

Table 3.2.7: balende 'bird'

The Bakhtiari term	Meaning	Other Information
• Simplex		
bæt –	'duck'	
barinæ	'chicken and duckling'	
barni	'chicken and duckling'	= _G uðu
bengešt(ģ)	'sparrow'	
čosonæk	'a very small sparrow' 186	
dal	'vulture'	
fatulæk	'turtledove'	
<i>Gæla</i>	'crow'	
gærin	'a bird like sparrow that live	s between rocks'
<i>jazæk</i>	'a bird like sparrow'	
kæga	'a kind of bird'	
kæla	'crow'	
kæwg	'partridge'	
lasæk	'a bird with black feet and b	eige feathers'
leilaG	'stork'	
lil	'a kind of bird'	
melič	'sparrow'	
næræk	'a kind of sparrow'	
peleštuk	'swallow'	
piəsæk	'a kind of bird'	
qæwa	'Roller, Coraciidae; a colorf	ul bird like a crow

^{186.} Unlike sparrow, *čosonæk* is categorized as *harram-gušt*, so not edible.

in size and build'

šæbim 'owl!'

šaraz 'a bird that annunciates rain and good days'

šatitæk 'a kind of bird'

šuk 'owl'

siəræ 'goldfinch?!'
til 'chick'

titæk 'a kind of bird' tohið 'see-see partridge' toseni 'hummingbird'

Complex

bæčæ kælæ 'crow chicks' lit.child-crow bah-kæmn 'falcon or shorebird' lit.bah-breath dær-som 'woodpecker' lit.tree.som dar-ku 'woodpecker' lit.tree.beat.prs di*ð-om-æk* 'a kind of bird' lit.see.past-1sg-æk din deraz 'long-tailed, a bird like sparrow'lit.tail-long din zærd 'yellow-tailed' lit.tail-yellow

du-χær 'white-necked vulture'

lit.yoghurt drink-eat/drink.prs

Gaz-Geleng
gepi-geči'stork'
'cuckoo'lit.goose-Geleng
lit.gepi-geči

jaz-e-hezar-zō"'hoopoe'lit.jaz-ez-thousand-tonguekæla bærf-i'a white crow'lit.crow-snow-ATTRkæla-jik'a red-billed crow'lit.crow-jik (small?)kæla-piəsæ'a black and white crow'lit.crow-black and white

kæp-ænjir 'a kind of bird' lit.kæp-fig

kæwg-e der'a big kind of partridge' lit.partridge-EZ-heightkæwg-e-pur'quail'lit.paetidge-EZ-full?ko-ko-væng'owl'lit.ko-ko-call

kol-doz 'a bird like a sparrow' ¹⁸⁷ lit. shorttailed faol-thief

kol-kæmær-i 'a kind of swallow that makes nest on mountain walls'

lit.shorttailed-mount-ATTR

kur-kur-æk'jackdaw'lit.blind-blind-ækmahi der-ar'heron'lit.fish-out-bring.prs.morg-e seleimõw-i'quail'lit.bird-ez-Solomon-attr

mur bær 'ant-carrier, a kind of bird'

lit.ant-take.prs.

pa pæhn'duck'lit.foot-widešæh-nær-æk'black starling'lit.black-male-ækšæh-tæp'starling'lit.night-tæp

^{187.} Legend says this bird misled and stole Imam Reza's horse.

'black-headed, a kind of bird' sær sia

lit.head-black

'Roller, Coraciidae, a colorful bird that resembles a crow sæwz-qæwa

> in size and build' lit.green.cassock

šæw-gærd 'hat' lit.night-wander.prs.

'yellow-breasted bunting' sinæ-zærð

lit.breast-yellow

'a kind of bird' 188 šõ~-qul-zæn-æk lit.sheperd-deciet-hit.prs-æk

zærð-æk 'yellow-breasted bunting'

lit.yellow-æk

The following lists (3.2.1.8-14) do not contain taxa related to fauna but rather terms and expressions that are either directly related to animals such as table (3.2.12) which contains the terms of animal disease, or table (3.2.14) which presents other terms that are referring to herding activities or animal adjectives related to fauna. These lists are made in an attempt to reflect the diversity of Bakhtiari vocabulary and to portray how deeply their lifestyle, habitat and their everyday concerns have been interwoven into their lexicon.

3.2.1.8 Verbs and phrasal formants related to fauna

In table 3.2.8, 99 verbs or derivative phrasal formants are listed that are directly (korniðen 'blaring of a sheep') or indirectly (beinæt 'the act of counting the herd') related to fauna.

In the listing of the data, prefixed infinitives are considered as simplex, such as: wærgetehesten 'rolling in the dust caused by a dog attack'. Several helping verbs are involved in making these terminologies, the most frequent ones are kergen 'to do' and zeiðen 'to hit' and to a lesser degree zærðen 'to eat' and næhaðen 'to put'.

The table of verbs contains the majority of data, almost 24%, comprising 22 simplex and 77 complex verbs and phrasal formants.

In the construction of these terms, the same methods of using onomatopoeic words, color terms, descriptive adjectives, conjoining of nouns and verbs, juxtaposition of several words with different morphological functions and reduplication have been employed, as can be seen in the following table:

Table 3.2.8: Verbs and phrasal formants related to fauna		
The Bakhtiari term	Meaning	Other Information
• Simplex		
beinæt čarniðen	'the act of counting the herd' 'to graze the animals'	

^{188.} Known as a shepherd deceiver.

dašt 'keeping a cow or sheep to use its produce for the do

mestic use189'

keten 'fastening ovine + heivenõw together into a line'

koriəz. 'lining up of the ovine + $heiven\tilde{o}^{w'}$

korniðen 'blaring of a sheep'

lerniğen 'to baa' 'to baa' mækeniðen

nizniðen 'to yap (a dog)'

'the sneezing of a goat' peræiniðen also: pejoratively for

humans

'coughing of a sheep' refniðen

šehniðen 'to neigh'

tælgeniðen 'to chase, to ferret'

taresten 'going away from the herd (ovine)'

tičešten 'straying quickly from the herd (ovine and cattle)'

tikeniðen 'milking cow and ovine'

'rumbling of a dog before attack' wærgerniðen

wærgetehesten 'rolling in the dust caused by a dog attack' wærtizgeniðen 'to buck, to kick (donkey or *Hærom-gušt*)'

yerniğen 'to growl' 'to bray' zarniðen

zikniğen 'the sound which a horse utters while another horse is

passing by or when he is hungry'

Complex

æw ræšõ^w kerðen 'to groom and currycomb a horse or a mare'

lit.water-ræšõ^w-to do

'to become conceived' 190 bæhr zærðen lit.share-to eat

bar kerðen 'to load the quadrupeds; to get ready for the migration'

lit.load-to do

bar-war 'to bring down the load of a quadruped; migration'

lit.load-war

beinæt kerðen 'to count the herd' lit.counting-to do

'the act of sniffing of a cow by an ox as a bok=o bær-i

preparation for mating (also goats)'

lit.bok=o bær-ger

bor zeiðen 'scattering of the herd' lit.bor-to hit

boz-wa-bor-õw 'the weaning time of a kid' lit.goat-should-cut.prs.adv

^{189.} This term can be used in a sentence like dašt-i-e ya košt-i? (lit.had-ATTR-or-killed-ATTR-is; "Is it for keeping or for slaughtering?") in reference to an enquiry over the decision of a herd owner for an specific ovine.

^{190.} It can also be used for humans in a pejorative way.

ču zei <i>ðen</i> da-bor-i	'the counting of the herd' 'the act of separating a baby and stop the breast feeding by send	
da-bor-i kerően	'to separate a baby animal from breast feeding by sending them	its mother to stop the
dæs maze kerðen	'examining the fat of an ovine b	by touching its back' lit.hand- <i>maze</i> -to do
deze wabi <i>ðe</i> n	'combining of two herds; boxed'	
•	5	lit.deze-to become
din-din kerðen	'to wag the tail (a dog)'	lit.tail-tail-to do
do-dæs kerðen	'fastening the legs of an animal	using do-dæs'
·		lit.two-hand-to do
gælæ nahaðen	'to buy and establish an ovine herd'	
		lit.herd-to put
Gæšõ™ kerðen	'to curry'	lit. <i>Gæšõ</i> ^w -to do
gæwæ zeiðen	'to make a pen for sheep'	lit. gæwæ-to hit
ga-hešą́	'rumination'	lit.cow- <i>heš</i> ð
ga-teliš kerðen	'to skin an ovine in a way that i	
	piece as a cow's leather'	lit.cow-pieces-to do
ga-xærðen	'the sucking of a calf before the	_
		lit.cow-to eat
goč zeiðen	'to butt (ovine)'	lit. <i>goč</i> -to hit
gun kerðen	'the floating of a cow's udder as	_
	of immediate delivery'	lit.udder-to do
hækelešt/ð kerðen	'to bark'	lit. <i>hækelešt</i> -to do
hælekešt kerðen	'to bark'	lit.hælekešt-to do
hær-gilu	'rolling of a donkey in the dirt/	
* ** **		lit.donkey-rolling
hær-gilu zeiðen	'to roll in the dust (a donkey)'	40.4.4.4.4.4.4.
1. ~ 1	64 CC/ -1 112	lit.donkey-rolling-to hit
hẽ kerặen	'to run off/ shoo a donkey'	lit. <i>h</i> ee(interjection)-to do
jælaw čær-i	'the act of taking the herd for gr	
Yal musan ban Xan	the most the chloridate on the cheeks	lit.herd-graze.prs.ger
jol æwsar kerðen	'to put the blanket on the back of	
	pack animals and drag them alo	•
Yal muž kaužau	'to accord the most enimals with	lit.covering-bridle-to do
jol puš ker <i>ðe</i> n	'to cover the pack animals with	-
jol šal kerðen	'to cover the chest of pack anim	lit.covering-wear.prs-to do
joi sui kerven	to cover the chest of pack affili	lit.covering-shawl-to do
		iii.coveriiig-siiawi-to do

keleng zeiðen kope čera kerðen	'to sit on hands (dog)' 'the mass grazing of the herd in	lit. keleng. to do n a rich pasture'
koriəz kerğen kor=o kær	'to line up (sheep)' 'blaring of a sheep, at the time	lit.group-grazing- to do lit.koriəz. to do of mating and givin birth'
	oraning or wonsep, we use time	lit.kor=and kær (italics: interjection)
kor=o ler kerðen	'(sheep) to walk around her lan	
lær-kæš	'taking care of feeble ovine'	lit.thin-pull.prs
lun nahaðen	'to deliver a baby'	lit.lun-to put
mængæw zeiðen	'an animal affected by flu'	lit.mængæw-to hit
mæše kerðen	'the entangling of a rope aroun	d the leg of a <i>čarbõ</i> ^w lit. <i>mæše</i> -to do
na-bim-i kerðen	'to act uneasy in the cold weath	
nu bini i nerçen	(ovine + $\check{c}arb\tilde{o}^w$)'	lit.NEG-rest-ATTR-to do
nim burniðen	'to moo in a broken way (on th	e occasion of mourning
•	for another cow)'	lit.half- to moo
niz naz ker <i>ðe</i> n	'to snuffle'	lit.niz naz(interjections)-
·		to do
niz niz ker <i>ðe</i> n	'to whine or to yap (a dog)'	lit. <i>niz niz</i> (interjection s)-todo
pærčæl-bor kerðen	'the cutting of ovine's wool, sh him against hot weather'	ort enough just to protect lit.dirty-cut.PRS-to do
paven kerðen	'to spin goat hair hank'	lit.paven-to do
pey zeiðen	'the exhaustion of the pack anim	
	ring the seasonal migration'	lit.track-to hit
ræm zærðen	'to escape; scattering of a herd	by a thief or wolf attack' lit.scare-to eat
riəgal ker <i>ğe</i> n	'affecting of a sheep by diarrhe	
		lit. <i>riəgal</i> -to do
riə-gereh <i>ğen</i>	'affecting of a sheep by diarrhe	ea' lit.diarrhea-to take
sær-kæn kerðen	'the movement of the herd tow	
*	shepherd's awareness'	lit.head-take off.prs-to do
sær-som zeiðen	'The hoofing of a mule (trampl	ing with the hoof on the
·	ground) which people think is a	a sign of a
	thiefbeing around'	lit.head-hoof-to hit
šæw be koh	'staying the night in the mountain	ain, night grazing'
		lit.night-to-mountain
šæw čær	'night grazing'	lit.night-graze.prs
šæw kæn	'going for night grazing'	lit.night-take off.prs
šæw-kæn-i	'going for night grazing'	lit. night-take off.prs-ger
šæw-kæn-i kerðen	'to take the herd out for grazing	
		lit.night-take off.prs-ger-
		to do

sæy-niyæhr kerðen sal-beh kerðen	'staring like a dog' 'every-other-year breeding of o	lit.dog-look-to do
sai-ven keryen	every-other-year breeding or o	lit.year-better?!-to do
šoge zeiðen	'the bumping of the animals' lo side of the path/ road'	5
šohaz gerehðen	'listening to the sounds in dista duced by animals, specially wa	nce, like the sounds pro alking of a horse'
		lit. <i>šohaz</i> -to take
šohaz vei <i>ð</i> en	'hearing of a sound similar to v	
sanga mus kanšan	or footsteps of a horse' 'dog's sniffing of food or thing	lit. <i>šohaz</i> -to come
songe-mus kerðen	dog's silling of food of things	lit.songe-mus-to do
tæke čiðen	'collecting of the dried heivenô	
**************************************		lit. <i>tæke</i> -to pick up
tæng zeiðen	'to fasten an animal's load usin	
		lit.tæng.to hit
terat kæn <i>ðen</i>	'to gallop'	lit.terat-to take off
teriə ker <i>ğe</i> n	'to fasten the kids in a row using	ıg <i>teriə</i> '
		lit. <i>teriə</i> .to do
tič wabi <i>ðen</i>	'straying from the herd'	-
tir-be-ger	'choosing the best ovine/ cattle	
tir-zæwin kerðen	'to separate fat and lean ovine/ each other'	cattle and heivenõ ^w from
		lit.fat-weak-to do
tok da <i>ðen</i>	'the first help from the shepher	d to a new born lamb or
	kid to start sucking milk'	lit.drop-to give
tur wabi <i>ðe</i> n	'to become wild (of a quadrupe	
		lit.wild-to become
wa duš kerģen	'twice milking of a cow or Hæi	•
		lit.re-milk-PRS-to do
wahei kerðen	'to push a cow ahead'	lit.wahei-to do
yal kæšiðen	'to stop' fig. 'to be condemned'	'; 'to remain silent' lit.mane-to pull
yorgæ ræhðen	'to prance'	lit.yorgæ- to go

3.2.1.9 Legal terms

The eight terms in table 3.2.9 are representative of the terms that Bakhtiaris use in their talks and mostly in their disputes over their pastures and herds. This list could probably be more extensive.

Table 3.2.9: Legal terms

The Bakhtiari term	Meaning	Other Information
• Simplex		
dæwlæt deze	'the team of <i>čarbõ</i> "+ donkey; t 'partnership in herding'	he herd; wealth'
• Complex		
ælæf-čær	'the grazing-right (for the own	er of the herd)ç lit.grass-graze.prs.
ælæf-gar	'the fee that herd-owners have pastures'	0 0
		lit.grass- <i>gar</i>
bæræ-mezð-i	'paying the shepherd based on	the number of sheep' lit.lamb-wage-GER
gælæ-deze	'a shared herd'	lit.herd-shared
hom-deze	'sharing a herd; partner'	lit.together-shared
nim-e dar-i	'a contract according to which of another person's herd on the receive half of its profits'	e condition that one will

3.2.1.10 Animal sounds and animal directed speech

Nomads have very fascinating ways to communicate with their animals, including whistling, shouting, and singing and even playing a reed pipe. It would be ideal to record all of these voices and provide an audio file next to each term. This proves very necessary especially in regard to animal directed sounds such as *sešew* 'a special whistle to move the animals', the attempted written form of which cannot give us any clue to the actual sound.

Observing the way that animals react to these voices was one of my most fascinating field experiences. Documenting this system and comparing it with the other nomadic societies around the world is a future desideratum.

Since most of the complex terms are just a reduplication or juxtaposition of some onomatopoeic words, writing their literal meanings seemed redundant and the descriptive meanings that are provided provides sufficient information about each term.

Table 3.2.10: Animal sounds and animal directed speech

		*
The Bakhtiari term	Meaning	Other Information

Simplex

ælæmbur 'yowl'

œrešt 'braying of a donkey'

borešt 'moo'

borniğen 'to moo, to low'

dæru 'an interjection used by a farmer to lead the animal down

the field

deti 'an interjection to keep away a dog'

hækelešt/ð 'barking of a dog'

haš 'an interjection to stop a Hærom-gušt'
hē 'an interjection to run off/ shoo a donkey'
hohæ 'an interjection to run off/ shoo a cow'

koč 'interjection to call a dog'

lerešt 'baaing'

sešew 'a special whistle to move the animals'

šianešt 'neighing of a horse or mare'

šohaz 'a sound, like a horse or somebody walking in distance'

wæhæ/wahei 'an interjection to run a cow'

wæhš 'an interjection to run off/ shoo a goat'

wuru 'an interjection used by a farmer to make the ploughing

animal go up the field'

yalur 'yap (dog)'

yex 'an interjection to run off/ shoo a goat/ kid'

zikniðen 'the sound which a horse utters while another horse is

passing by or when he is hungry'

Complex

bæri-bæri 'a melody which the shepherd plays for lambs'

bok=o-bæhr 'the mating sound of a goat'

bor bor 'moo'

 $boz-be-d\tilde{o}^w$ 'an utterance that the milker sings to encourage the goats

come to the milking place'

hæke likæ 'fast and continuous barking by seeing a fight or a wild

Banimal'

hælæk hælæk'panting of a dog out of thirst, hunger and heat'hæwr=o zæw'the braying of a Hærom-gušt at the mating period'helek helek'a short barking when a dog smells/senses the approach

ing of a man or wild animal'

hol-ei ha	'an interjection to make	donkeys or mules	walk during

thrashing'

 $i\check{s}-\check{\phi}\tilde{o}^w$ 'an interjection, produced while milking a cow or a goat'

keri keri 'interjection to send the sheep away'

kuč-kuč 'interjection for calling a dog to come or to go'

ler-ler 'a continuous baaing'

roh-šæh 'an interjection used to encourage a donkey for mating'

ti-ti 'a special sound to call a kid' zar=o-zik 'braying of a donkey + $heiv\tilde{o}^{w'}$

zik-e-zak 'the sound of a horse or mule calling for food'

3.2.1.11 Tools used for herding

This section provides a list of tools that the nomads use on a daily basis to be able to carry on their pivotal task of herding.

Not surprisingly these tools have not been changed or fundamentally modernized, when compared with some drawings and pictures that have been taken by mostly Western travelers at the end of nineteenth and beginning of the twentieth centuries. One of the few added activities to this very ancient pastoral life is the introduction of syringes and the act of injection of medicine to the animals. Some local governmental veterinarians visit the nomadic communities on an annual basis and instruct or guide them to take necessary measures especially in the case of some epidemic animal disease.

The terms for tools include 16 simplex and 14 complex words, almost 7% of the data.

Table 3.2.11: Tools used for herding

The Bakhtiari term	Meaning	Other Information
• Simplex		
ængele	'The feet part of a goat-skin corby a rope'	ntainer which is fastened
čitæ	'a reed fence for the lambs and kids'	
čomčitæ	'a reed fence for the lambs and kids'	
		= kolæ čomčitæ
daG	'a metal tool that when heated i	s used for branding/
		marking'
dæraG	'the big bell of the bellwether'	also for camel, loan word
		from neighboring
		Qashqai tribes
gælaðæ	'a bridle; a collar; the woven re	in of a horse'
Gaš	'pen, a surrounded piece of land	d to gather ovine'

ĭol 'a thick covering for the animals'

kæwor 'a device used for weaning/ to prevent a kid from

> suckling; it is a piece of wood which will be placed in the mouth of the kid, with two strings on its both sides

that will be fastened to its horns.'

kolæh 'a place to keep lambs and kids'

mæčilæ 'a thin beaded rope to put on a calf neck'fig. very thin 'a piece of felt to be placed under the tail of quadrupeds' rofiəðæ rošgin 'the ring of a saddle which is placed below the tail' 'a rope that is used to fasten the load or the saddle on the tæng

back of an animal'

teriə 'a rope to fasten the kids in a row'

zængol 'the big bell of the bellwether' also called: zængol-e

dobor 'lit.bell-Ez dobor'

'saddle' zin

Complex

din-æwsar 'the rope of a horse's rein' lit.tail-briddle dag-derišom 'the sign or mark of an animal' lit.brand-scar

'a chain with a lock used to fasten the legs of an animal; do-dæs

> a padlock' lit.two-hand

'the mountain slope which is surrounded by branches *Gaš-e gælæ/e*

> and foliage to keep ovine' lit.*gaš-*Ez-herd

'the pom-pom of the bridle' qol æwsar lit.flowe-briddle

'a covering for the udder to prevent lambs and kids from qun-bænð

> suckling' lit.udder-PRS.PTC.fasten

'the cattle (cow) barn' lit.place-cow-PL ja ga-yæl 'a special covering for the animals' chest' jol šal

lit.covering-shaul

'a pen made of reed to keep lambs and kids' kolæh-comečit

lit.pen-comečit

nal ðag 'a horseshoe form of brand for making animals'

lit.horseshoe-brand

'an special felt coat with closed sleeve holes used by šæw-xoft

shepherds'191 lit.night-PST.PTC.sleep

'a special belt under a mare or mule's belly to support tæng-e zin

> the saddle' lit.belt-Ez-saddle





zænjir-æwsar 'the metal nose-gear of *heivenõ*^w'lit.chain-bridle

zir-din-i 'a rope that passes under the tail to fasten the two sides

of an animal covering together 'lit.under-tail-ATTR

3.2.1.12 Words for animal diseases

The following table is a list of almost all the known diseases that represent a constant challenge for the nomads.ß

An interesting point worth mentioning is the use of some of these words and expressions for swearing and cursing one another, either as an individual word, such as *sispu!* or by using an optative verb (6.7 below) in a construction such as below:

renj-i men-e kakili-y-a=t zen-a-h-e renj-indf in-ez tooth-e-pl=bp.2sg hit.prs-opt-e-3sg

'May a renj strikes your molar teeth!'

Another way of swearing using these terms is to use them with a past participle and make an adjective:

 $k\tilde{o}^w$ gerehd-e! $k\tilde{o}^w$ take.PST-PTCP ' $k\tilde{o}^w$ -stricken! (Somebody who is affected by $k\tilde{o}^w$)'

Table 3.2.12: Taxa for diseases

The Bakhtiari term	Meaning	Other Information

Simplex

dewior 'a disease of quadrupeds' 192

gærčæk 'a disease that lessens the fat of a sheep tail' geme 'a disease that makes goat unable to walk'

kerne 'tick; deer tick shared with ovine, $heiven\tilde{o}^w$, human, birds and

dog

 $k\tilde{o}^w$ 'a disease that inflates a donkey's palate'. To cure it, they need to

pierce the resulting gland. Also for *Hærom-gušt* and *čarbõ*^w

marmi 'a disease that is caused by a white and thin parasite in the lung

of all animals and even birds'

mængæw '1. cattle's flu; 2. dizziness of Hærom-gušt and čarbõw'

mæræ 'bean-like glands under the skin of a goat which has eaten too

much acorn'

renj 'a disease for *heivenõ*^w'

šeške 'a kind of parasite that sucks ovine + $heiven\tilde{o}^w$ or dog's blood

and makes them weak and emaciated.'

^{192.} the term is also used as a curse to refer to people

Complex

bælæk-šæh	'a disease which affects the spleen of a goat'	
	•	lit. <i>bælæk</i> -black
big-e leleki	'a kid affected by a certain parasite, lele	k'
		lit.kid-ez- <i>lelek</i> -attr
ga-mir	'The bubonic plague'	lit.cow-prs.die
kæ'uw-æk	'a parasite that affects weak and feeble of	ovines + $heiven\tilde{o}^{w}$
		lit.livid-æk
kæwš-æk	'the outer part of a hoof; the growth of a	in ovine's hoof'
		lit.shoe-æk
koh-mir	'The bubonic plague of sheep'	lit.mountain-die.prs.
læw-riəšæ	'blisters around lips and mouth of kid or lamb'	
		lit.lip-root
lelek-i	'affected by <i>lelek</i> '	lit.lelek-attr
lōr-i	'dying of ovine or <i>heivenõ</i> ^w caused by severe cold'	
		lit.severe cold-attr
mof-æk	'ovine's running nose'	lit.snot-æk
zæhm-derišom	• 'cut or wound mark on an ovine or heivenow body'	
		lit.wound-scar
sæy-nas	'a fatal disease of dogs'	lit.dog-death
zæhle gæp	'an ovine or cattle-disease (Atrokenin)'	lit.gal bladder-big

3.2.1.13 Expressions showing the relation of human and animals

Table 3.2.13 contains terms and compounds that are mostly professions related to herding. As can be seen this list has no simplex words, most of them are made by compounding an animal name with a present stem of a verb, ending in an adverbial suffix. The most frequent adverbial suffix in this regard is $-\tilde{o}^w$ with an approximate meaning of 'one who does'. There exists one other suffix $-\chi \tilde{o}^w$, the exact meaning of which is not clear to me.

Table 3.2.13 Relation of human and animals

The Bakhtiari term	Meaning	Other Information
• Simplex		
-		
 Complex 		
bær-gel-õ ^w	'a sheep-shepherd'	lit.lamb-pl-adv
boz-bor-õ ^w	'the shearing time of goats'	lit.goat-cut.prs-ADV
boz-čarn	'a goatherd'	lit.goat-graze.prs.
boz-čarn-i	'the act of goat herding'	lit.goat-graze.PRS-PTC

boz-gel-õ ^w	'a goatherd'	lit.goat-PL-ADV
ga-čarn	'cowherd, one who takes cows for grazing'	
		lit.cow-graze.prs.
ga-gel-õ ^w	'cowherd'	lit.cow-pl-adv
ga-gel-õ ^w ga-põ ^w	'cowherd, one who tak	tes care of cows'
		lit.cow-keep.prs.
guwær-gel-õ ^w	'calfherd'	lit.calf-PL-ADV
hær-ga wær-gæn	'one who runs the cattle back, cattleherd' 193	
		lit.donkey-cow-PRF-turn.
		PRS.
hær-gel-õ ^w	'a donkeyherd'	lit.donkey-PL-ADV

jælaw čarn 'a paid grazier, shepherd' lit.herd-graze.prs. ræmæ χδ^w 'hostler; a shepherd of čarbõ^w' lit.herd-χõ^w?!

ræmæ dar 'one who has a herd; a rich person'

lit.herd-have.prs.

3.2.1.14 Other words related to fauna

Table 3.2.14 contains 77 words (48 simplex and 29 complex), which constitutes 18,5 % of the data. These are a variety of terms such as body parts; cover terms for all animals, bodily products and some adjectives that are used specifically to describe animals. As with regard to body parts, the terms were previously organized in a separate table (3.3.5 above), but they are repeated here to show the exact distribution of words in different semantic domains.

Table 3.2.14: Other Taxa

The Bakht	iari term	Meaning	Other Information
• Simplex			
čal	'an ovine v	vith a white front'	also for poultry
čarbõ ^w	'the catego	ry of horse plus mare ar	nd mule'
čor	'urine'		
došbol	'a fat gland under the skin of the animals'		
gæ l	'a herd of animals; an ovine herd'		
gælæ	'a herd of animals; an ovine herd'		
gærčæk	'the low-fat and thin tail of a sheep'		
gæšæ	'a pen for ovine'		
gæwæ/e	'a pen for ovine'		
$g\tilde{o}^w$	'udder, a cow's breast'		
hæšam	'livestock'		
heiwõ ^w	'domestic animals'		
hile	'an animal or human with a beautiful chubby body'		

^{193.} fig.a good-for-nothing person

jær 'leather'

ĭæwðõ^w 'the molars of the quadrupeds'

kæz 'the fluffy hair of a goat belly that is used to make a shepherd's

'ovine placenta; Bakhtiaris fill it with foremilk and cook it.' kagenat

'tailbone of a sheep' kelezne

'a name for an old and noble $\check{c}arb\tilde{o}^{w'}$ koheil

'queuing of the ovine' koriəz. 'female animal' las

'a piece of a ovine's wool which has a different color' laz.

liəwõw 'placenta of animals' lif 'animal breast'

lun 'ready for delivering baby'

'lambs and kids excrement before starting to graze' met

nil/nilæ 'a white-bluish *Hærom-qušt'*

niškæw 'half of the body; one-half of a cow or ovine's body' 'a bunch of unsleaved goat hair for later spinning' paven

'powder/ crushed manure of heivenow'' peger

'ovine's dung' peškel

'the dried out watery stool stuck to the sheep wool and hair' riəgal

segæt 'death of the non-Hallal animals and dogs

'the skin under an ewe's tail' siəl 'donkey and čarbow's dung' somat sombolik 'the little hoof of a cow + ovine'

'horn' soro šotor 'camel'

'pieces of dough to feed dogs' sule

tækæ(e) 'dried dung heivenõw'

'cow dung' tæpalæ 'gallop' terat 'baby animal' til/ tile

tælgeniðæ 'a separated ovine/ cattle from the herd'

'a number of ovines' tolom

tul 'A puppy' =tile sæy

'mane' val

'a charming way of walking by a horse' yorgæ

'female animals' genitals' zehe

Complex

bar-kæš 'pack animal' lit.load-pull.prs. be bæhr 'aroused, ready for mating' lit.in-bæhr 'a dog ready for mating' be dæstőw lit.in-dæst**õ**w čærme pust 'a skinny heivenõw' lit.leatherly-skin

čar-wa	'the category of horse plus mare'	lit.four-wa
bu hælæk-hæld	wk the special scent of a he-goat ready for	or mating'
		lit.smell <i>-hælæk-hælæk</i>
čel-gæz-be-gi	'the small intestine of all the animals'	lit.forty-meter-to-stoel
din-dera-zõ ^w	'the long-tailed <i>heivenõ</i> ^w '	lit.tail-long-PL
gælæ ræmæ	'a herd of ovine and cattle'	lit.herd-herd
gir-e sæg	'a dog's cuspid'	lit.cuspid-Ez-dog
hælal-gušt	'ovine + cow'	lit. <i>Hælal</i> -meat
kæš kæš	'ovine's small intestine'	lit.pull.prs.
košt-i	'an ovine, cow and <i>Hællal-gušt</i> that is l	kept to be used for its
meat'		lit.kill.pst.ptc-attr
kut-gæh	'manure dump'	lit.dung-place
laz-ðar	'spotted'	lit. <i>laz</i> .prs.have
mel ga-h-i	'a ball made of cow's hair'	lit.hair-cow-h-ATTR
miəš be koriəz	'following each other (ovines)'	lit.ewe-to- <i>koriəz</i>
pær-pær-i	'the stomach of ovine/ horse and cattle'	194
1 1		lit.feather-feather-ATTR
pof-ešpiəð	'lung'	lit.puff-white
riəwær-za	'a newly bred ovine + $heiv\tilde{o}^{w}$ '	lit.riəwær-give birth.prs.
riə-zæhlæk	'the green watery stool of ovine or cow	•
	gall blader'	lit.watery stoel-gallblad
		der-æk
sær-čær	'ovine and other grazing animals'	
		lit.head-graze.prs.
sæy-gorg	'jackal; wolfdog'	lit.dog-wolf
sæy-las	'a she-dog, a bitch'	lit.dog-female
sæwa za	'an ovine + $heiven\tilde{o}^w$ which just has giv	_
500 / W 400	wir evinte wervelse winten just has giv	lit. separate-give birth.PRS.
sir-silæwæ	'tripe (all animals)'	lit.full-silæwæ
šir-šir-æk	'small brown glands in the stomach of o	
500 St. 1000	britain ord in a Brancas in the storman or o	lit.milk-milk-æk
tare tič	'an animal that stampede'	lit. <i>tare-tič</i>
χοš-ræw	'a quick and light-footed animal'	
Y02 10011	a quien and right 100ted annilal	lit.nice-go.prs.
yæ somæ	'one-hoofed; an animal with a round ho	
ya soma	one noored, an annual with a round no	lit.one-hoof-attr
yal-ðin	'horse hair'	lit.mane-tail
չա-բա	noise nan	111.1114110-1411

^{194.} shared by all grazing animals

3.2.2 Classification of flora

The study of flora in Bakhtiari presents several challenges, mostly due to the geographical dispersion of the plants and to a lesser degree of their importance for the nomads as compared to fauna. In other words, the bond between a nomad and his herd is unbreakable and his animals are an integral part of his daily life. In contrast, most of the species of plants play only a marginal role in a nomad's world, his major concern being only the plants that he can use as fodder and forage to feed his livestock.

In addition, the animals are always with them but the vegetation is dispersed and different throughout the Bakhtiari habitat. Therefore, to check the tropical plants by showing them to the consultant you should be in that area, qærmesir, in the right time when the targeted plant has already grown or before it has dried out. The same goes for the plants in eylaq; i.e. the non-tropical ones. All these make checking the flora more time consuming.

Moreover, people are not as attentive to the surrounding vegetation as they are towards their animals. Very few people can name all the species that are growing in a certain habitat. Men are generally aware of the kind of vegetation that can be used to feed the herd and women know some very popular medicinal herbs.

There are, however, plants that are very popular¹⁹⁵ and they are used daily as food or medicine, such as pinæ 'pennyroyal, a kind of mint' musir 'shallot' or æwšo 'thyme'. One important aspect of Bakhtiari culture is that the border between food and medicine is very blurred. Based on this nutritious philosophy, whatever you eat can cause a turbulence inside the body, or harmonize and heal it. Therefore, these medicinal/ nutritious herbs play a very eminent role in the Bakhtiaris' and especially the nomads' everyday life; hence almost everybody, even the younger generation, are familiar with medicinal plants.

Certain herbs that only grow in eylaq are used as souvenirs to be taken to *gærmesir* for relatives who do not have a nomadic life. These can be found in the local shops, can be very expensive, and include herbs such as tære 'wild spring onion', qol-berenjas 'sagebrush', bærge kelæws 'dried leaves of mountain celery'; bosohr 'a kind of wild red spring onions' and liale, a herb that is used to cure the common cold.

There are many plants and herbs such as *liəle* for which my consultants and I do not even know the Persian equivalents, which made finding their English or

^{195.} There is a Hamule man, in his forties, Hamid Ardeshiri, an Ardeshqariv, who is according to the whole tribe, an expert in this regard and he is teaching his teenage daughter all about herbs and plants. I had the chance to walk with him once in Tishtardun, making photos and asking him the names of all the plants that we would encounter. Recently he has also sent me some audio files through the mobile application, Telegram, answering some of my latest questions and helping me to modify my second preliminary floral taxonomy (see below).

scientific names impossible. I have collected pictures of many of them, a small collection of which can be found in Appendix 7.

Many of the species are endangered, such as *musir* 'shallot', *qarč* 'wild mush-rooms' and *kelæws-e panje* 'lit.celery-EZ hand palm= a wild palm-like celery', due to unsystematic use of the land, converting pastures to agricultural fields and orchards and other ecological disasters. During the past century some plants have become extinct, therefore, many of the herbs or trees are not known by the present generation and their names do not ring a bell in the mind of a young nomad.

Maddadi's definitions of plants are not always helpful either, since in many cases he only mentions: 'a kind of tree' or 'a kind of plant'. Sometimes there are several meanings for a single term, such as *kæto*.

All these considerations led to the conclusion to present the data on Bakhtiari flora here as a general overview. A deeper theoretical discussion and a comparative study with other botanical systems is only possible after prolonged fieldwork, by walking inch by inch through the Bakhtiari habitat in *eylaq* and *gærmesir*, taking photos and recording all the names and medicinal or nutriatious features of each and every plant. An extensive list of flora, however, is presented in Appendix 6. This list contains 664 words, including names of different plants, verbs related to plants and also tools and terms used in agriculture and horticulture.

In this section, therefore, the focus will mainly be on presenting the first hand observations and the results of the discussions that I have had in the course of the research till now with diverse consultants on the subject of botanical taxonomy. At the end of this section 3.2.3, a part is assigned for a discussion on the oak tree and acorn. This tree and its fruit enjoy a very prominent socio-cultural status among Bakhtiaris, as will be explained below, therefore, they deserve to be presented with some detail and depth.

Two broad classifications has emerged through many hours of conversation with two separate groups of consultants who were all from the Ardeshqariv branch of the Hamule tribe. This lack of consensus over one unified classification of flora is another indication showing that nomads are not as meticulous about distinguishing different plants as they are towards the animals.

The first draft of this preliminary classification of plants presented in the chart below has emerged during a field trip in December 2013, in Tishtardun, among Mahnesa's family. Figure 19 represents this first taxonomical chart. Here again, as in the case of fauna, we see conformity with the general tendency in the world's taxonomical systems, as expressed in the third generalization of Berlin et al (1973: 240), that is to say, the first level of taxonomical hierarchy, the unique beginner, does not have a name.

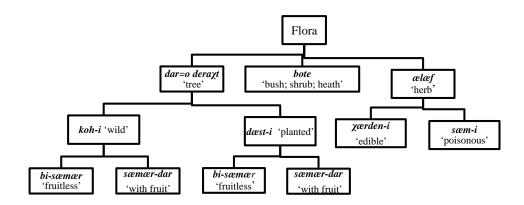


Figure 18 First version of Bakhtiari floral taxonomy

Based on this classification, all the plants can be grouped into three life forms, namely $dar=o\ dera\chi t$ 'lit.tall wood=and-tree'; bote which covers all the species that the words bush, shrub and heath signify in English; and $\alpha l\alpha f$. In Persian the latter word can only mean weed or verdure but in Bakhtiari it can mean herb, grass, weed and even grains and flowers. The life form bote ends here, but the other two life forms have also the generic level.

The category of $\alpha l\alpha f$ is divided into two unequal sub-groups in the sense that the first group $\chi \alpha rden-i$ 'lit.to eat.ATTR= edible' has numerous taxa covering all the grains and herbs that are used for nutritious or medicinal purposes and also all other wild plants such as weeds or grass that can be used as fodder or forage for the animals. Whereas for the second category $s\alpha m-i$ 'lit.poison-ATTR= poisonous' the consultants could only provide three taxa. These will be discussed in more detail in the relevant section.

The generic level of dar=o $der \omega \chi t$ also has two generic groups, i.e. koh-i 'lit. mountain-ATTR= wild' and $d\omega st-i$ 'lit. hand-ATTR= planted or cultivated'.

The life form $dar=o\ der \omega \chi t$ can be further categorized to include a specific level of fruitful or fruitless trees for both generic groups of kohi and $d\omega sti$. The related taxa of these groups will be presented in the related section 3.2.2.1 below.

The second suggested taxonomy, however, has only two life forms $ri\ gel-i$ 'lit. on-ground-ATTR= touching the ground' and $dar=o\ der\alpha\chi t$ as presented in figure 3.2.2.2 below.

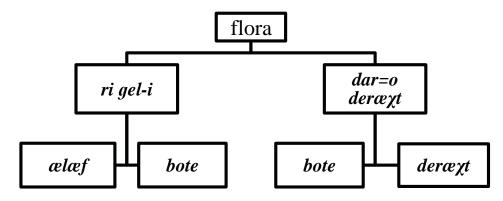


Figure 19 Second version of Bakhtiari floral taxonomy

This second chart has emerged through prolonged virtual field work, text messaging and exchanging of voice messages through different mobile applications with another group of consultants who are now settled in a village, but had lived the major part of their lives as a nomad and they have a reputation of knowing everything about the plants (See footnote 190 above).

The questions and answers with them brought several interesting points to the surface. First, the significance of the word *dar* compared to the now more common word *deræxt* in both Bakhtiari and Persian. *Dar* refers to every tall tree and also any long piece of wood including, for example, the wooden beams that are used in a rug-weaving loom. *Deræxt* can refer to any short or tall tree.

Here the overlap between the referents of trees and bushes begins. To Bakhtiaris the difference between a bush and a tree is certainly not the height but rather the shape of the trunk. A tree is usually the one with a unified and strong trunk. But then when a short wild tree has not been pruned and has developed several thick branches over time, they may refer to it by both terms *bote* and *deræxt*, especially when they are not very familiar with its species.

The new term in this taxonomy is *ri gel-i* which refers to all the plants that grow near the surface of the ground, both from the top and from the underground. In other words, root plants as well as all the other plants that grow above the ground are considered *ri gel-i* if they do not grow very high from the surface of the soil. To clarify a criterion for this height they mentioned another term *sær deræxt-i* 'lit. head-tree-ATTR=on tall trees' as opposed to *ri gel-i* plants that are generally not very high plants, the tallest of which should not exceed the chest of a mid-height man.

The other characteristic of this second taxonomy is that both its life forms have a category of *bote* at the generic level. The immediate thought would be that maybe *bote* should be promoted to the life form level, but the consultants strongly rejected the idea, arguing that 'No, *bote* is a *ri gel-i*, as it is a kind of tree!' This

ambiguity in the definition of *bote*, in my opinion, is because it's a cover term, the taxa of which, as mentioned above, can be all the species of the categories that are referred to in English as bush, shrub and heath.

Another very interesting observation is that the consultants, while talking about plants, were repeatedly referring to the animals and after mentioning every plant, the next utterance would be whether it is good or bad for this or that animal. They even mentioned, several times, a saying which shows how in their minds they evalue plants based on their usage for the herding:

ærzen, 196 gorz, bayom boz, miəlæw miəš ærzen mace; almond, goat; miəlæw, ewe

By this they mean that *ærzen* that is a kind of wild almond tree with a very hard wood is just suitable to make a mace, a very important defensive tool for a nomad. *bayom* 'almond tree' is a coarse tree, its branches are suitable to make sticks to guide a flock of tough animals like goats. *miəlæw* has very delicate and fragrant branches, therefore, it is nice enough to touch their beloved ewes. They even think that it is *movarek* 'blessed' to delicately strike a sheep with *miəlæw* and it will cause abundance in their number and weight.

An important observation regarding the flora nomenclature is that almost all the taxa have a primary lexeme without any clear meaning. In other words, the simplex names of the flora do not guide us towards any description of their appearance or usage, contrary to for example, many bird names. From the list below, for instance, only the name of the tree 'Populus alba' refers to the color of the tree trunk, i.e. <code>kewuðæ/e</code> 'lit.livid-DEF', which can be interpreted as 'the one with dark bluish gray color'. Also in <code>čendar</code> the second part, is obviously <code>dar</code> which refers to the very tall trunk of this tree, ¹⁹⁷ but the meaning of the first part remains unclear, although it seems to be the same lexeme as the Persian word for the plane tree, <code>čenar</code>.

In both taxonomical charts above we see no mention of fruits and vegetables such as watermelon, cucumber, tomato, potato, aubergine, zucchini and the like. When asked about their place in the category the shared answer was: "They are *baq-i* 'lit.garden-ATTR= cultivated in a garden'. They have nothing to do with us." This is contrary to the fact that nowadays many nomads have a small garden beside their tents for growing tomatoes, peppers, aubergines, cucumbers and similar vegetables that they use on a daily basis. However, the fact that they have learned gardening from *eylaq-i-yæl* 'lit.*eylaq-*ATTR-PL= the residents of the cities and vil-







lages of *eylaq*', makes this category as something imported and not originated in their own culture.

In the following sections a selected number of taxa from the first taxonomical chart is represented. The reason for this choice is that the first chart has all the categories included in the second chart but not *vice versa*. Some of the taxa listed here such as *beram belit*, cannot be found in the original list of flora (Appendix 6) because they have come up during the long and informal discussions with the consultants in the later stages of the research.

3.2.2.1 dar=o deræxt

Table 3.2.15 contains a list of the most frequently seen or used trees in the Bakhtiari area. It is noteworthy that when a tree is considered as *bi-sæmær* or fruitless, it only means that the fruit of that tree is not edible for humans.

Nowadays, some of the wild trees have changed their status from being wild into being planted. The fruit trees are obviously cultivated for their fruits, the most popular ones in *eylaq* being peach, apple, apricot, walnut and almond. In *gærmesir*, however, the only recently cultivated tree is the olive tree which is not originally from that area but was advised by the governmental agricultural experts to be planted there to prevent soil loss and also as a source of income for some locals. From the fruitless trees, the fast growing willow and *populus alba* are frequently planted for their shade and also to mark the borderline of the orchards and other pieces of lands. This explains why these trees are mentioned in both *koh-i* 'mountainy/ wild' and *dæst-i* 'handy/ cultivated' categories.

Table 3.2.15: deræxt 'tree'

The Bakhtiari term	Meaning	Other Information

Koh-i 'wild; lit.mountain-ATTR'

o bi-sæmær		
keikom	'montpellier maple'	acer monspessulanum
šen	'honeysuckle'	lonicera nummulariifolia
g x e z	'tamarisk, salt cedar'	tamarisk
tag	'a tree with an olive-like fruit'	
miəlæw	'a kind of wild tree'	
čendar	ʻplatanus'	platanus orientalis
kærre	'wild fig'	
biəd/ð	'willow'	salix babylonica
o sæmær-dar		
gerdu/ girdi	'walnut'	
ænjir	'fig'	

konar 'ziziphus' rhamnaceae

œrzen 'a kind of wild tree'

belit 'oak'
siste(n) 'may-tree'
kelyong 'mastic'

kelxong'mastic'pistacia lentiscusben'Persian turpentine tree'pistacia atlantica

tenges(t) 'wild almond' bayom 'almond'

dæst-i 'planted; lit.hand-ATTR'

o bi-sæmær

biəd/ð 'willow'
kewuðæ/e¹⁹⁸ 'populus alba' salicaceae
bænyæw 'European ash' fraxinus excelsior

o sæmær-dar

gerdu/girdi 'walnut' ænjir 'fig'

ænar 'pomegranate'
siəv 'apple'
bayom 'almond'
hulu 'peach'
zærd-ali/u 'apricot'
gilas 'cherry'
hermu 'pear'

3.2.2.2 bote

As mentioned above, the category of *bote* is the most problematic one, consisting of a variety of plants from heaths to shrubs and from bushes to short and small trees. The list below can be much longer and many species of *bote* are included in the list of Appendix 6. The taxa listed here are among the most popular and widespread ones. As can be seen, even the grapevine is considered a *bote* whereas in many botanical taxonomies a separate category is considered for the vine (Witkowski and Brown 1978: 434).

The names for the taxa in this category are also mostly simplex. A curious name is *beram belit* in which the second part of the compound name means 'oak' or 'acorn', but this plant, according to the consultants has no affinity with an oak tree, neither in its appearance nor in its socio-cultural role (See 3.2.3 below). The meaning of the first part is not precisely known.

^{198.} Commonly known as white poplar, belongs to the family of the salicaceae (willow family); (http://en.hortipedia.com/wiki/White poplar).

The seeds of *dinešt* 'wild rue' are used in rituals to prevent the evil eye, and its smoke is believed to have disinfection effects.

Among the most widespread and seen bushes in *eylaq* are *gine* 'milk vetch' and $\S u\chi$ 'a kind of bush with red berries'. Their branches are used to make temporary dwellings for small animals or for making shelters against the burning summer sun. The dried branches are also used as firewood.

Different animals have different behaviour towards plants, therefore, with naming each plant, my consultants would mention, almost immediately, the name of the domestic animal that eats that plant. This extra information was not helpful for classifying the plants and consequently is not added here.

Table 3.2.16: *bote* 'bush'

The Bakhtiari term	Meaning	Other Information			
beram belit	'a kind of bush'				
boriəx	'a kind of wild plant'				
dinešt	'esfand, wild rue, Syrian rue'				
ginæ/e	'milk vetch'				
kevir	'a kind of bush'				
mow	'grapevine'				
murt	'myrtle'				
toto	'sumac'				
zeru	'tropical astragalus that does not have sap'				
šuχ	'a kind of bush with red berries'				
har-e šæ	'a thorny bush with palm-like leaves and pink flowers; when dried and crushed it, is used as fodder' lit. thorn-Ez-black				
har zul	'a kind of thorn bush that is use	ed for fodder and resin'			
gerdu koh-i	'wild walnut tree which is shorter and smaller than cultivated one.				
bayom bote-i	'a bush-like wild almond'	lit.almond-bush-ATTR			

3.2.2.3 ælæf

The last category of plants is the very comprehensive life form of <code>ælæf</code>. As mentioned in the description of the taxonomical chart above, this category includes all the weeds, herbs, grass and wild flowers such as Camomile or the famous upside down Imperial tulips of <code>eylaq</code> and the short and red anemone of <code>gærmesir</code>. Even grains are considered to be <code>ælæf</code> in spite of the fact that the rest of the members of this category are wild and not cultivated. The nomads divide this diverse category on a utilitarian basis in only two generic sections: <code>xærdeni</code> i.e. edible by either humans or animals and <code>sæmi</code> 'poisonous'. The latter has only three members, viz. the three plants that if eaten are fatal to animals and humans alike.

Table 3.2.17: ælæf 'grass, herb, ...'

Table 3.2.17. Wellej gla	155, 11010,			
The Bakhtiari term	Meaning	Other Information		
•	'edible; lit.to eat-ATTR'			
æwšo	'thyme used to cure con	mmon cold		
bavinæ	'chamomile'			
kængær	'spear thistle'			
kardi	'a non-tropical sour pla onion'	ant that looks like spring		
kelæws	'wild celery'			
pinæ	'pennyroyal'			
qarč	'mushroom'			
riwas	'rhubarb'			
tære	ʻallium ampeloprasum'	,		
tule	'malva'			
čevil		'a fragrant plant that has two kinds in tropical and non-tropical areas.'		
hæftu	'the bulb and flower of			
kærso	'a kind of herb that its p kabab'	-		
gol berenjas	'yarrow'	lit.flower-rice?-as?		
liəle	'a kind of medicinal he			
riwas	'rhubarb'			
šæng-e šir	'two kinds of plant, one used for its sap'	e edible and the other is lit. <i>šæng</i> -Ez-milk		
• sæm-i	'poisonous; lit.poisen-A	ATTR"		
hælæwæ	'a poisonous plant'			
hær-zæhle	'oleander'	lit.donkey-gall		
χæyar-gorg	'colocynth, bitter apple gourd, egusi, or vine o	, bitter cucumber, desert		
		lit.cucumber-wolf		

Many other taxa from Appendix 6 can be added to the tables 3.2.15-17, the ones presented here are examples of the most widely seen, grown and used by the Bakhtiaris.

3.2.3 *belit* 'acorn; oak tree'

The Zagros Mountains are considered to be the main home of oak trees (Quercus Brantii) in Iran, although currently degraded through overgrazing and deforestation. Being in the homeland of the Bakhtiaris for centuries long, these trees have become a quintessential part of Bakhtiar culture and language. There are more than twenty words in the language just to refer to different parts of the tree and its fruit, both called *belit* in Bakhtiari, and even verbs describing the process of making special bread from acorn. The oak wood, thanks to its solidity and high resistance is one of the most substantial materials for the Bakhtiari nomads' basic tools and devices.

Apart from the physical prevalence of belit in Bakhtiari everyday life, it is equally present in almost all manifestations of their oral traditions, such as lamentations, wedding songs, folk tales and many proverbs and sayings, and even in their names. This vast usage portrays the Bakhtiaris' strong dependence on the tree and its fruit. Acorn in general has always been a source of complementary nutrition for the nomads, especially in the times of famine.

In this section I will describe this intensive interaction between the Bakhtiari nomads and their natural surroundings through delving into their vocabulary and oral literature. To achieve this, I will present all the words and their exact meanings and function. I will also give some exemplary verses which portray the way Bakhtiaris convey their deepest feelings, using the connotations related to the oak tree, as they have built up through the centuries of life under its benevolent and graceful shadow.

The original extracted list from Maddadi (1996) contains 39 words and terms (Appendix 8), but it was reduced to 24 as presented in tables 3.2.18 and 3.2.19 below. This reduced list contains all the words that are known by the Hamule consultants and is divided into two tables. The first one represents all the words and expressions related to the oak tree and acorn and their parts. The second table 3.2.19 contains all the tools that are used to harvest acorn or to process it and also the names of the products made from the processed acorn.

As can be noticed, as with the previous lists of plants above, most of the words are simplexes. The literal meanings of the compound words are provided whenever the meanings of the constituents were clear.

Table 3.2.18 belit and its parts

The Bakhtiari term	Meaning	Other Information
belit	'acorn/oak tree'	
dar bælitæk	'oak tree'	lit.tall wood.acorn-æk
gæmu	'the skin of oak'	
GUZÆ	'the cap of the acorn'	

jæft	'the inner skin of the acorn'
keykæ	'acorn core without <i>rebge</i> , but still with or without <i>jæft</i> '
pifæ	'the rotten core of the oak tree' 199
rebge	'the green or outer skin of the acorn'
šil	'a long branch'

'a branch of oak tree' šil-e belit-i ßlit.*šil*-ez-acorn-attr

Table 3.2.19 Tools and products related to belit

The Bakhtiari term	Meaning	Other Information		
æsom	'a metal tool to collect the hot acorns under the fire' also: mæqaš			
gedeli	'a special bag hanging from the neck for collecting acorn' also: turbæ			
jeke	'chopped acorn'	also: <i>jæfkæ</i>		
<i>jeld</i>	'a long piece of wood used to shake off acorn from the tree' also for all kinds of trees			
kælg	'acorn flour; acorn paste'			
kælg-e dæst-i	'acorn bread'	lit. <i>kælg-</i> EZ-hand-ATTR		
kælg-kombizæ	'a method of cooking <i>kælg</i> ' ²⁰⁰			
kælg-pætir	'a mixture of wheat flour and acorn paste'			
lehe	'cooking of acorn on a flat piece of stone with fire underneath'			
læm-lur	'cooking of the acorn'			
læm-lur kerðen	'cooking of the acorn on direct	fire'		
regu	'the cloth on which the acorn paste is spread for later cooking'			
rebge kænðen	'to skin an acorn'			
tælu	'mashed acorn or any other gra	in or fruit'		
tæw kerðen	'a sweetening process by soaking acorns in the water in <i>sæle</i> to let it, as they say, 'get fever'			

The following pictures²⁰¹ show parts of the Zagros mountains and the distribution of oak trees in that habitat.

^{199.} It is used with a mixture of gun powder and fire stone to light fire.

^{200.} In this method they make a small ball of kælg paste and will put it under the ashes in the fire place. When cooked they eat it with added salt.

^{201.} These pictures can be found on the internet(google image). Fortunately some of them indicate their source (ISNA, IRNA as indicated at the bottom of the photos) but for the rest my effort to find their original source was not successful.







The species of Zagross acorns and the way they are gathered are represented in the pictures below. Some of the tools and the terminology that are mentioned in the related tables above can be seen and understood by the help of these pictures.





Oak trees are not used only for their fruit, but they are most wanted for their strong wood to be used for making some necessary tools and also as fire wood. Making coal out of oak wood is an illigal activity in some villages almost on the border between eylaq and gærmesir that has caused several environmental disasters such as burning forests and land slide and eventually endangering the oaks.



The last three pictures show the process of making acorn bread. There was a time that this bread was the only staple food that the nomads had, but after the introduction of the processed wheat flour, $n\tilde{o}^w$ -e $k \alpha l g$ 'lit.bread-EZ- $k \alpha l g$ = acorn bread', its usage is limited for its medicinal effects which they think it has on the digestive system.²⁰²



²⁰². One of the studies that have been done on the medicinal effects of acorn can be found in Mosaddeggh et al (2012).





As mentioned above, there are a variety of verses in the form of lamentations, songs or proverbs that reflect the importance of the *belit* for the nomads as well as their dependence on this tree and its fruit especially in hard times. One example is the verse below which shows how they can be satisfied living independently and without any need of a central authority, relying only on their acorns and their goats' dairy products:

kal belit-om be-ger-e, boz-om be-za-h-e green acorn-1sg sbjv-ripe. PRS-3sg.OPT, goat-1sg sbjv-give birth.PRS-3sg.OPT

kælg=o du-m yæk be-ger-e, če mennæt-om be šah-e Kalg bread and yoghurt drink-1sg eachother sbjv-get. prs-3sg.opt, what demand-1sg e to king-is

The verse can be translated as when the green acorns ripe and my goat gives birth to her kids, then I will have my *kalg* bread and the yoghurt drink, and that's all I won't need the favor of the king. Verses such as this were probably composed

to encourage the rebellious Bakhtiaris who at many occasions in history were not obedient to the king's demand for taxes and were running an independent life, safe guarded by their inaccessible mountainous habitat.

The next proverb is used to convey the concept of cause and effect in the life:

hærče boz wa pust-e belit kerð, belit vær-gæšt wa pust-e boz kerð. whatever goat with skin-ez oak do.pst.3sg acorn prv-turn.pst.3sg with skin-ez goat do.pst.3sg "Whatever goat did with skin of the oak tree, acorn returned with the skin of the goat."

The first part of this proverb refers to the passion of goats to chew the bark of the oak trees that may eventually make them dry and fall. The second part, however, refers to making a **mæšk** 'the goat-skin container', in the process of which the hard peel of acorn is used to rub the inner side of the skin to remove all its fat.

The following three verses are from a *ga-grive* 'mourning song':

"Come, let's hold each other tight, like the branches of an oak; Let's keep our heads together, like the rain clouds of spring"²⁰³

Oak trees are the symbol of strength and resistance for Bakhtiaris, hence this imagery of holding tight together during hardships and grievance.

"I have heard a tall oak (tree) has fallen, roots out; The owner of the oak, is the one with veins and roots"²⁰⁴

In this verse, the death of a revered man is compared to the fall of a tall oak tree, and his honor and respectable blood and vein to the strong and deep roots of an oak.

"A woman, a tiny young woman, with blond hair; She is sitting on the edge of the valley, under the shadow of an oak"²⁰⁵

The last verse of the *gagrive* describes a vulnerable young woman, probably the young wife or the daughter of the deceased person, seeking support in her grievance by leaning to the strong oak tree, a situation that may be portrayed by the image below:

^{203.} The original verse is: بيو که چې دار بليط به يک بنيم پَر چې بارون باهار به يک بنيم َسر 204. The original verse is: شنيدم دار گپېې وسته ز ريشه صاحاو دا ِر بُگوين با رگ و ريشه

يه زنه تيله زني تُرنه هليكه (بور) سيرسته ل و دره سايه بليطه يعادنه تيله زني تُرنه هليكه (بور)



But grief is not the only occasion that reminds a Bakhtiari of belit, it can appear in the love songs, as well:

mo lor-e belit xor-om sængær neshin-om
I lor=ez acorn eat.prs-1sg trench sit.prs-1sg
donya-ne n-om ziər-e pa ta to-ne be-vin-om
world-om put.prs-1sg under=ez foot till you-om sbJv-see.prs-1sg

'I am a Lor, an acorn eater, the dweller of the trenches and mountains, (I am a tough man) I will search the whole world to have a glance of you!"

Here the toughness and the resilient of the lover is attributed to his staple food, i.e. to the acorn. No other plant has such a prominent presence in the Bakhtiari literature, the only competing natural figure is Z erd kuh, one of the high peaks of the Zagros that marks the border line between their summer and winter pastures, and which is considered as a godfather that is observing and protecting them all year round.

SECTION TWO GRAMMATICAL SKETCH

CHAPTER FOUR PHONETICS AND PHONOLOGY

4 INTRODUCTION

The phonology of Bakhtiari is the only section of the language that has been fortunate to receive some attention by a number of Iranists and philologists of the twentieth century (Mann 1904, 1910; Lorimer, 1922, 1930, 1954, 1964; Zhukovskij 1923; Windfhur 1988). Lorimer's is the most extensive discussion, but it cries out for revisions and perhaps for an updated presentation.

In the present analysis, the phonology of the Haft Lang variety of the Bakhtiari language will be described in three sections: Consonants 4.1 and Vowels 4.2, and then in section 4.4 the syllable structure of the language will be discussed in some detail.

Bakhtiari speech sounds are all produced by the pulmonic egressive airstream²⁰⁶. The phonemic system of Bakhtiari comprises twenty-three consonants, not including the glottal stop ? (See Note, after 4.1.8 below) and one semivowel y, seven vowels and six diphthongs. The majority of segments are illustrated by the IPA symbols, but in order to avoid visual complexity, I have chosen to use \check{c} , \check{j} for affricates and \check{s} , \check{z} for palatal fricatives and finally v for palatal approximant. Furthermore, to illustrate the exact nature of an allophone of d, I have assigned a new symbol $[\delta]$ (4.2.4) which does not exist in the IPA chart as such, but it is a combination of the symbol for the voiced dental fricative plus the diacritic used for a 'lowered' feature. In the case of vowels, I have decided to show the rounded low back vowel consistently as a and its specific Bakhtiari allophone as $[\mathring{a}]$ whose exact audible equivalents in IPA chart is shown by /e/. These details, along with some others, will be mentioned again under their respective descriptions in the section (4.2). For the same visual reason, I have reserved the slashes // only for the introduction of a phoneme and in the head entries of the examples. Having said that, in order not to obscure phonetic facts completely, I have found it valuable to indicate the specific Bakhtiari allophones ($[\mathring{a}]$, $[\mathring{a}]$) in my otherwise phonemic transcription.

In analysing the phonological system of Bakhtiari, a 'phoneme' is considered to be a phonological reality. Therefore, to extract phonemes, the distribution of the segments is analysed and their realization as minimal pairs are examined. The

^{206.} There is only one pulmonic ingressive interjection which can be described as alveolateral fricative. This sound is used in conversation to show affirmation and emphasis on the previously said statement and as such it is not used for distinction in lexical and grammatical morphemes and ONLY as paralinguistic expression. It has a pragmatic function as the Persian emphatic word /valla/, 'I swear to God'.

majority of words are based on Maddadi (1996); some examples have been added and/or checked by two of my main consultants ²⁰⁷ and myself as native speakers. Each phoneme will be examined, ideally, in the initial, medial and final position. The major phonetic realisations of each segment will also be discussed under the relevant section.

4.1 CONSONANT DESCRIPTION

Table 4.1: Bakhtiari consonants

	Labial	Dental-Alveolar	Palatal	Velar	Uvular	Glottal
Plosive	p b	t d		kg	q G	$(2)^{208}$
Affricative			čj			
Fricative	fv	S Z	ŠŽ		χ	h
Nasal	m	n				
Liquid		r l				
Approximant			у			

STOPS

Voiceless stops /p, t, k, q/ are mildly aspirated in syllable-initial position, the aspiration is weaker in pre-consonantal and final positions.

4.1.1 /p/ voiceless bilabial stop is pronounced with aspiration. The phonological status of this phoneme can be determined through the following minimal pairs:

(1) / p / - / b /	
pæl bæl	'braid, plait' 'a sheep with long and wide hanging ears'
/læpæk/ /læbæk/	'the iron edge of a plough' 'a sweet and bitter taste'
(2) p - m pel mel	'a young ox' 'hair'
/kælpit/	'turning and twisting; a big and strong knot'

^{207.} Homa Ardeshiri and Huri Taheri (see 2.5 above).

^{208.} See 4.1.9 below.

/kælmit/ 'wild boar's tooth, tusk'

/kep/ 'a short breath'

/kem/ 'the smell of wet, mouldy cloth'

(3) /p/ - /f/

/perg/ 'twig' /ferg/ 'thought'

/tæpæl/ 'slow-footed'

/tæfæl/ 'membrane between skin and flesh'

/kæp/ 'breath; soul' /kæf/ 'foam'

(4) /p/ - /t/

/pælm/ 'paw; a slap with the palm'

/tælm/ 'swamp; mud'

/pærpin/ 'talisman, blessed (of things)'

/pærtin/ 'deformed (of body)'

/kop/ 'side; a heap' /kot/ 'a few'

4.1.2 /b/ voiced bilabial stop, which is pronounced like Persian and English b in initial position. The phonological identity of this phoneme can be achieved by comparison with p (4.1.1) and through the following minimal pairs:

(5) /b/-/v/

/bæng/ 'call, cry'

/væng/ 'weak and feeble'

/læbæk/ 'a taste (neither sweet nor bitter)'
/lævæk/ 'horrible tasting and smelly'

Since **b** appears as v or w in syllable coda, I could not find a minimal pair for the above phonemes in the final position. There are, however, a few cases in the language that are either loanwords from other languages or onomatopoeic words in which the final [b] does not change to v or w; such as [b] in the loanword /bab/ in example 7 and in the onomatopoeic word /geb-geb/ in example 6 below.

(6) /b/-/m/

/bal/ 'sleeve'

/mal/ 'a group of several nomadic black tents; house-

hold'

/nægbe/ 'to give encouragement'

/nægme/ 'an angry exclamation (in response to næ 'no')'

/geb-geb/ 'heart beat'

/gem-gem/ 'mumbling and complaining'

(7) /b/-/d/

/bok/ 'upright, not flat' /dok/ 'dispute, argument'

/šiər-bæng/ 'hunters' cry to inform each other'

/šiər-dæng/ 'a decorative colourful band with beads and eth-

nic motifs for decorating a room, a tent or a cradle.'

/bab/ 'a term to tag a social division of a tribe'

/bad/ 'wind'

4.1.3 /t/ voiceless alveo-dental stop, which is pronounced like Persian t. The phonological identity of this phoneme can be achieved by comparison with p (4.1.1) and through the following pairs:

(8) /t/-/d/

/tæk/ 'alone; half' /dæk/ 'trembling'

/'beteng/ 'Jump! Move it!'
/be'deng/ 'well behaved'

/bæt/ 'duck' 'bæd/ 'bad'

(9) /t/-/k/

/tal/ 'string, thread'

/kal/ 'black'

/rete/ 'a short, fast-walking person'

/reke/ 'stubbornness'

/rot/ 'a wooden nail fixing the iron edge of a plough' /rok/ 'upright; (figuratively) a very quick, sharp and

sometimes rude person'

(10) /t/-/n/

/ta/ 'half a pair' 'neck, throat'

/kætæk/ 'a humble house; a shade'

/kænæk/ 'a net to carry a crop with two wooden sticks at

each end'

/gut/ 'hill'

/qun/ 'cow's udder;breast'

4.1.4 /d/ voiced alveo-dental stop is pronounced like Persian d in intial position, and the status of which can be established by comparison with t (4.1.3) and through the pairs below:

(11) /d/-/n/

/dæk/ 'turn; time' /næk/ 'powder'

/*modæt*/²⁰⁹ 'help'

/menæt/ 'putting a person in your debt by performing a

favour'

/pahid/ '3rd singular past of pahidæn, 'to keep,

to watch out'

/pahin/ 'down'

(12) /d/-/g/

/das/ 'sickle'

/gas/ 'would that! I wish!'

/bordæ/ 'taken'

/borgæ/ 'the edge of a hill, mountain or wall that is close

to falling down'

/bænd/ 'rope, string' 'cry, call'

^{209.} To my knowledge, gemination in Persian and Arabic words does not occur in Bakhtiari.

In Bakhtiari there is a quite frequent allophone of d which has been described (Sadeghi 1989: 3) as post-dental, voiced fricative²¹⁰. I agree with the place of articulation, but to me it sounds more like a voiced approximant²¹¹. This segment, represented in the present research by [d], does not create a semantic distinction and usually occurs in intervocalic position or word finally. Examples:

(13) [ræ:ðen] 'to go'; [jušniðen] 'to boil'; [xårniəð] 'S/he scratched'

As can be seen in the examples, at the beginning of the word the occurrence of d is prevalent. In addition, the younger generations and the educated people use $\lfloor d \rfloor$ more than $\lfloor \delta \rfloor$.

4.1.5 /k/ voiceless velar plosive which is pronounced like Persian k. To be more precise, it is dorso-velar, the articulation of which varies according to its phonetic environment: preceding front vowels it becomes more palatalized and in front of back vowels it has a more dorsal nature; in word-final position after a vowel except /i/, however, the palatalization of the voiceless stop may go one step farther and usually changes to /y/, for example: /swk/ > /swy/ 'doubt'. The phonological identity of this phoneme can be distinguished by comparison with t (4.1.3) and through following pairs:

```
(14) /k/-/g/
      /kæl/
                               'a mountain goat'
                               'a herd'
      /gæl/
      /tænki/
                               'a barrel, a tank'
                               'hardship, poverty'
      /tænqi/
      /mækeniden/
                               'bleating of a goat'
                               'to blight, to wither'
      /mægeniden/
      /dik/
                               'a spindle'
                               'a cooking pot'
      /dig/
(15) /k/-/G/
      /gor/
                               'a small bell'
      /kor/
                               'a boy, son'
      /leke/
                               'an old and cheap piece of cloth'
```

^{210.} Ali Ashraf Sadeghi (1989) thinks that its pronunciation is comparable to the one of $\dot{\imath}$ in classical Persian.

^{211.} Donald Stilo (2014: p.c.) also thinks that this sound is an approximant and not a fricative.

```
/lege/ 'flightiness, inappropriateness'

/lik/ 'scream, cry'

/liag/ 'leg; height, lanky'
```

- **4.1.6** /g/ Voiced velar stop which is pronounced like Persian g word initially. Like k, the pronunciation of g can vary from velar to palatal according to its phonetic surrounding. The phonological identity of this phoneme can be achieved by comparison with d (4.1.4) and k (4.1.5).
- **4.1.7** /q Voiceless uvular plosive, can be seen in words like qæwr 'tomb', qæwale 'a contract' and generally in Arabic loanwords. In some cases there is uncertainty regarding the voice aspect of this segment, which I assign to variation among different dialects. The chance of finding minimal pairs that can show the contrast between this phoneme with others is very low, one of such possible pairs is provided below:

```
(16) |q/-|G|

|q@l| 'half; a piece of something'

|G@l| 'embrace, hug'
```

Windfuhr (1988:559) mentions another 'sporadic' change of $\chi > q$ and $q > \chi$ and his examples are: $\chi ur\bar{o}s > qur\bar{u}s$ 'rooster', Arabic $qæhr > \chi whr$ 'anger'. I personally have never heard $qur\bar{u}s$, but the most relevant example that I can provide to prove this point is: $\chi uzestan > guzest\tilde{o}v$ 'the Iranian southwestern province of Khuzestan' (See 4.1.8 below).

4.1.8 /G/ Voiced uvular plosive whose status can be examined by comparison with k (4.2.5) and the following pairs:

```
/G/-/χ/
/gæl/ 'embrace, hug 'crooked; not straight' 'crooked; not straight' 'colourful images (also: næšg and næšxæ)' /næχš/ 'corpse'
/bog/ 'frowning, ill- tempered' 'rotten egg'
```

4.1.9 /2/To conclude the section on Stops, it is necessary to discuss the role of the voiceless glottal stop 2 in this language. It is pronounced like standard Persian *Hamze*. In Bakhtiari, as in Persian, hamze is produced naturally before any initial

vowel but does not have the characteristic of a phoneme anymore. Its effect can be observed in compensatory lengthening in some words. In non-initial position, and especially in Arabic loanwords, this phoneme is usually realized not as a glottal stop, but rather as a lengthening of the preceding or following vowel or else it is replaced by h as can be seen in the following examples:

[moæ:læm] 'teacher' (Ar. mo?ællem); [mæ:mur] 'agent' (Ar. mæ?mur); [sehið] 'proper noun, celebrated' (Ar. sæ?id)²¹².

This compensatory lengthening can also be observed after dropping of voiceless glottal fricative in words such as:

```
[lohr] > [lo:r] 'a very severe cold'; [goh\check{s}] > [go:\check{s}] 'open! (Imperative verb)'; [koh] > [ko:] 'mountain'.
```

The difference between 2 and h is that, the latter can occasionally surface in some words or compounds, such as:

 $[r\alpha: \delta en]$ 'to go' > $[r\alpha hd]$ 'S/he went'; [ko:] > [kohyar] 'proper male name'

AFFRICATES

4.1.10 / \check{c} / Voiceless alveo-palatal affricate, which is pronounced like English and Persian \check{c} . The phonological identity of this phoneme can be achieved through following pairs:

```
(18) /č/-/ĭ/
                                'shin bone'
      /čæft/
      /jæft/
                                'the internal bark of a walnut tree used for dying
                                hair or wool'
       /seče/
                                'railroad crossing'
                                'insistence, stubbornness'
      /seje/
      /koč/
                                'a deep bowl'
      /koj/
                                '(short form of /koje/) where'
(19) /\check{c}/-/\check{s}/
      /čiər/
                                'a short wall of un-cemented stones'
                                'lion'
      /šiər/
      /æwčæ/
                                'well water'
       /æwšæ/
                                'thvme'
      /særkæč/
                                'ill- tempered'
```

^{212.} See also Anonby (2014:26)

/særkæš/ 'a goat that goes ahead of the herd'

4.1.11 /j/ Voiced alveo-palatal affricate which is pronounced like Persian j. It can be identified by comparison with \check{c} (4.1.9), \check{z} (below in 4.1.16) and through following pairs:

(20) /j/-/z/

/jængæl/ 'forest' /zængæl/ 'women'

/seje/ '(in the compound: seje bæsten): emphasis, in

sisting on something'

|seze| 'weary, upset'

/kæj/ 'crocked'

/kæz/ 'the fine hair under the belly of a goat which is

used to make a special kind of clothing called

kordin'

(21) /**j**/-/**y**/

/jar/ 'cry, shout'

'companion, beloved' /yar/

'punishment, upshot' /pajom/

'Ī will keep / watch for (1st.sg. pres.)' /payom/

'tribute' /baj/ /båy/ 'fear, defect'

FRICATIVES

4.1.12 /f/ voiceless labiodental fricative which is pronounced like English and Persian f. The phonological identity of this phoneme can be achieved by comparison with p 4.2.1) and through following pairs:

(22) /f/-/v/

/fer/ 'to fly; fly up suddenly'

'Stand up! Move it! (imperative)' /ver/

/dæfæk/ 'a device made by heaping colourful pieces of

cloth or patching them to a stick and putting them

by springs to attract partridges' /dævæk/ 'a plot land to be watered' /saf/ 'bright; clean; upright' /sav/ '(=/saheb/) the owner' (23)/f/-/s/ /fend/ 'manner, habit' /send/ 'age' 'a basket made by fine twigs for keeping bread, /qofæ/ etc.' 'sorrow' /qosæ/ /kæf/ 'bottom' 'family; relatives' /kæs/

4.1.13 /v/ voiced labiodental fricative which is pronounced like English and Persian v in the initial position. The status of this phoneme can be shown by comparison with b (4.1.2) and f (4.1.11). It is worth mentioning, however, that some of the v sounds that exist in today's Bakhtiari are etymologically b, as mentioned earlier (4.1.1, under b - v), for instance:

(24) *ketab* > *ketav* 'book'; *læb* > *læw* 'lip', and in compound: *læbdar* > *læw-dar* 'having lips; dented'

Windfuhr (1988:559) also mentions some phonological changes that are typically Bakhtiari, i.a. intervocalic *m > w, e.g. $d\bar{a}m\bar{a}d > d\bar{u}w\bar{a}$ 'son-in-law' and $\bar{a}mad > oweid$ 'came'. This second example has a more widespread form in many of the Haft Lang dialects, viz. $evey\phi$ instead of oweid, therefore, it seems that the above rule is better to be rewritten as: intervocalic *m > w/v.

4.1.14 /s/ voiceless alveolar fricative which is pronounced like English and Persian s. The phonological identity of this phoneme can be achieved by comparison with f(4.1.11) and through following minimal pairs:

```
/sal/ 'year'
/zal/ 'white, fresh celery'

/æwsar/ 'yoke'
/æwzar/ 'tools'
/kæs/ 'family, relatives'
/kæz/ 'the fine hair under the belly of a goat which is
```

used to make a special kind of clothing called kordin'

 $(26) /s/-/\check{s}/$

'patient, dignified' /sever/ 'hanging, loose' /šever/

/gusti/ 'it seems...'

/gušti/ 'fat and well-fed animal'

/eis/ 'photo'

'fun, entertainment' /eiš/

4.1.15 /z/ voiced alveolar fricative which is pronounced like English and Persian z. The phonological identity of this phoneme can be established by comparison with s (4.1.13) and through the following minimal pairs:

(27) /z/-/v/

'bell' /zæng/

/væng/ 'feeble and weak'

/åzoði/ 'health, comfort and tranquillity' 'a village, inhabited place' /åvoði/

/taz/ 'fresh (short form of taze)' /tav/ 'endurance, capacity'

4.1.16 /š/ voiceless paleto-alveolar fricative, the phonological identity of which can be achieved by comparison with \check{c} (4.1.9) and s (4.1.13) and through following pairs:

(28) $/\bar{s}/-/\bar{z}/$

'poor, penniless' $/a\mathbf{z}/$

/aš/ 'Ash, a traditional Iranian porridge'

4.1.17 /z/ voiced palato-alveolar fricative which is pronounced like Persian z. The phonological identity of this phoneme can be established by comparison with ξ (4.1.15) and through the minimal pairs below, but since ξ is a phoneme with low functional load, not many contrastive examples can be identified:

(29) $/\tilde{z}/-/r/$

|qoz| 'sudden madness' 'a small bell with a furrow in the middle'

(30) |z|-|q| 'messy' 'very deep'

4.1.18 / χ / voiceless uvular fricative which is pronounced like Persian χ^{213} . The phonological identity of this phoneme can be established by comparison with G (4.1.7) and through the following pairs:

/χ/-/h/
/χar/
/har/
'thorn, thistle'
/tæχt/
/tæht/
'a big, flat rock; comfortable, flat and even'
/koχ/
'a little crustacean living in springs that looks like a shrimp'
/koh/
'a mount, mountain, clump, and small stone'

4.1.19 /h/ Voiceless glottal fricative, the phonological identity of which can be achieved by comparison with $\chi/(4.1.17)$.

NASALS

4.1.20 /m/ voiced bilabial nasal which is pronounced like English and Persian m. The phonological identity of this phoneme can be established by comparison with p (4.1.1) and b (4.1.2) and through following pairs:

(32) /m/-/n/ /mil/ 'an iron rod'

^{213.} In Bakhtiari there are some cases in which $/\chi/$ and /h/ alternates, such as: $\chi orma > horma$ 'dates', $\chi er > her$ 'donkey', on the one hand, and in examples like $heif > \chi eif$ 'pity; good', $hest > \chi est$ 'pit, core', on the other hand. This change happens even with the proper name $\chi attemi > hattemi$. There is also one example (See4.1.7 above) which I encountered during my field work where $/\chi/$ is changed to /g/, mostly by people who don't speak Persian: $\chi uzestan > guzest\delta^w$ 'the Iranian southwestern province of Khuzestan'.

/nil/ 'blue colour; a horse with a bluish white colour' /komar/ 'complex; sadness' 'the tree and the fruit of Sisyphus' /konar/ 'kilim, a kind of floor covering' /qilim/ /gilin/ 'skirt, lower part a dress'

- **4.1.21** /n/ voiced alveolar nasal. The phonological identity of this phoneme can be achieved by comparison with t(4.1.3), d(4.1.4) and m(4.1.19). It is worth mentioning that n preceding back consonants will undergo a process of assimilation to its following consonants, as summarized below:
 - (33) $/n/ > [\eta] / V g \# as in / seeng / > [seeng] 'stone'$
 - $/n/ > [\eta]/V$ qV as in /sengin/ > [sengin] 'heavy'

Final n is only retained after front vowels. (See 4.2.6 below for the behaviour of *n* word finally after back vowels.)

LIQUIDS

- **4.1.22** /r/ voiced alveolar flap, with a trilled allophone, which is pronounced like Persian r. The phonological identity of this phoneme can be established by comparison with *l* in following pairs:
 - (35)/r/-/l//rek/ 'column, foundation' /lek/ 'twig, branch' /deræk/ 'a wooden pen for animals' /delæk/ 'tremble, a knock' /neher/ 'stupid, not very clever' 'mud, mire' /nehel/
- **4.1.23** /// Voiced alveolar lateral approximant which is pronounced like Persian I. The phonological identity of this phoneme can be achieved by comparison with r (4.1.21).

SEMIVOWELS

4.1.24 /y/ voiced palatal approximant which is pronounced like Persian y. The phonological identity of this phoneme can be achieved in comparison with j (4.1.10). **4.1.25** /w/ I had a difficult time to decide whether I should include w in the consonant table as a separate phoneme or not. w does not occur in this variety of Bakhtiari as an independent phoneme. A faint labial glide, however, is generally realized at the end of the phoneme o as in bow 'father' (to be paired with bu 'smell'), but the fact is that the major realization of this segment is after the vowel e as will be discussed in more detail in (4.2.9). See also (4.2.6) and (4.1.12).

4.2 VOWEL DESCRIPTION

Bakhtiari has seven vowels which are as follows:

Table 4.2: Bakhtiari vowels

	Front				Back
close	i				и
				o (v)	
close-mid					$ ilde{o}$
open-mid	e (E)			[å(s)]	
		æ			
open			а		

These vowels will be described in the following seven sections and then in section (4.2.9) we will focus on the Bakhtiari diphthongs. $[\mathring{a}(a)]$ represent an allophone of |a| as will be explained in (4.2.8) below, and it is put here in the chart between brackets not to be confused as a phoneme and just to illustrate its exact place of articulation. It should be noted that in the examples provided below, a glottal stop in front of every Bakhtiari word beginning with a vowel has been taken for granted and as such it is not indicated in the transcription.

4.2.1 /*i*/ a close front unrounded vowel; the phonological identity of this phoneme can be established through following examinations:

```
/pir/
/per/
    'old, a holy figure'
    'a lighted piece of wood used to take fire from a fireplace
    to another'
```

/di(d)/

/do/

'smoke'
'two'

4.2.2 /*e*/ an open-mid front unrounded vowel which is represented in IPA chart by ε , but for practical reasons, I have decided to represent it by *e*. The phonological identity of this phoneme can be established by comparison with *i* (4.2.1) and through following pairs:

```
(42)
        /e/-/æ/
        /kel/
                        'on its side'
        /kæl/
                        'mountain goat'
        /kole/
                        'short; tiny'
                        'hat'
        /kolæh/
(43)
        /e/-/a/
        /tel/
                        'stomach, belly'
        /tal/
                        'rope, thread'
                        'head'
        /kæle/
        /kæla/
                        'crow'
(44)
        /e/-/iə/
        /šer/
                        'one moment, a short while'
        /šiər/
                        'lion'
        /pel/
                        'an ox'
                        'strain; an angry look'
        /piəl/
                        'secret'
        /ser/
        /siər/
                        'full, not hungry'
(45)
        /e/-/u/
        /kel/
                        'side; next to'
        /kul/
                        'dry, crispy'
        /ser/
                        'mystery'
        /sur/
                         'salty'
(46)
        /e/-/o/
                        'mud'
        /gel/
        /gol/
                        'flower'
        /tek/
                        'the calf (the muscle of the back of the leg)'
        /tok/
                        'a drop'
```

4.2.3 /ee/ a near-open front unrounded vowel; it contrasts with i (4.2.1), e (4.2.2) and the following vowels:

```
(47)
        /\alpha e/-/a/
                        'mold'
        /æra/
                        '(gerund) one who brings'
        /ara/
                        'bent, crooked'
        /\chi \alpha el/
        /\chi al/
                        'beauty mark; mole'
                        'crop; grain and barley'
        /qælæ(e)/
        /qæla/
                        'crow'
(48)
        /æ/-/o/
        /kæp/
                        'the palm of hand'
                        'a pile'
        /kop/
                        'a mountainous path full of turns and ups and downs'
        /kotæl/
        /kotol/
                        'a short person'
        /kolæ/
                        'a hat; the special place for keeping the poultry'
        /kolo/
                        'a grasshopper'
```

4.2.4 /u/ a close back rounded vowel. The phonological identity of this phoneme can be achieved by comparison with i (4.2.1), e (4.2.2), e (4.2.3) and through following contrasts:

```
(49)
        /u/-/o/
       /kur/
                        'blind'
       /kor/
                        'boy, son'
        /kul/
                        'back and shoulders'
       /kol/
                        'short, not sharp'
       /kolu/
                        'a filly (a baby female horse)'
       /kolo/
                        'a grasshopper'
(50)
        /u/-/a/
        /suz/
                        'burning; sever sorrow'
```

/saz/ 'trumpet'
/hævu/ 'co-wife, the relationship between two wives of a man'
/hæva/ 'air'

4.2.5 /o/ a near-close near-back rounded vowel. The IPA symbol which corresponds to this sound is v. Its realisation, however, varies from v to o based on its phonetic environment. The phonological identity of this phoneme can be established by comparison with i (4.2.1), e (4.2.2), e (4.2.3), e (4.2.4) and below:

```
(51) /o/-/a/

/dor/ 'a girl; daughter'
/dar/ 'a tree'

/do/ 'two'
/da/ 'mother'
```

4.2.6 $/\delta$ / back, round, middle and nasalized. This vowel is actually the result of the transformation of either u + n as the plural suffix or a + n as part of the word. Here are examples of both cases:

(52)
$$\alpha sp > \alpha sp + -un > \alpha sp\tilde{o}^w$$
 'horses' and:

(53)
$$/no/$$
 'new' 'bread' ' $/\tilde{j}o/$ 'barley' 'life, spirit'

Lorimer (1922:18) has also listed this as a separate vowel; therefore, regardless of its origin or its process of formation, we can claim that this phoneme has already existed in the language for at least a century. It is difficult to find an entirely satisfactory representation for this sound. It consists of two elements: a nasalazied vowel resulting from the loss of the underlying nasal consonant followed by a faint labial off-glide w. I have chosen to represent it by a combination of a nasalized o and a bilabial glide w. It seems that the omission of n is assimilated into the vowel and this weak w is there to amplify the roundness of the vowel. The actual process, however, can be represented as this sequence: $nan > nun > n\tilde{o}^w/n\tilde{o}w$.

4.2.7 /a/ an open back unrounded vowel. The phonological identity of this phoneme can be established by comparison with i (4.2.1), e (4.2.2), e (4.2.3), e (4.2.4) and e (4.2.5).

It has an allophone, i.e. /å/ an open-mid central rounded vowel which in IPA chart is represented as ε . To my knowledge, this vowel never appears in monosyllables or in the last syllable of a polysyllable.

```
'land, ground'
(1)
       zåmin
       åðom
                       'people, man'
       bålåi
                       'the top ones'
                       'auto, machine'
       måši(n)
       båzi
                       'play'
       råi
                       'a passenger'
                       'fish'
       måi
```

4.2.8 Diphthongs

There are several combinations in Bakhtiari which resemble diphthongs, but the path to analyzing them as a diphthong or simply as a combination of a vowel plus a glide is not a smooth one. From a phonetic point of view the continuous movement of the speech apparatus from one vowel towards the other, the vowels below are certainly diphthongs. From a phonological point of view, however, a combination of two vowels can produce a diphthong only if the two parts act like one vowel, in other words, the second part should not be distinguished from the first one in syllable parsing (Samare 1368:119)²¹⁴. Below, some of these combinations are listed and the ones that have characteristics more similar to diphthongs will be presented:

```
(54)
        /ov/
        /ovnæ/
                        'a mirror'
                        'all, altogether, completely (originally pak)'
        /pov/
(55)
        /æv/
                        'if'
        /æy/
        /mæv/
                        'except for'
        /šæv/
                        'doubt (Arabic loan word šæk)'
        /\chi \alpha y f/
                        'good'
(56)
        /ev/
                        'turn, time to do something'
        /gey/
        /ley/
                        'a kind of hand-woven rug'
```

^{214.} Iranian linguists have not reached a consensus about the existence of diphthongs in some Iranian dialects and languages. Some think that the above mentioned phonetic forms are simply a combination of two phonemes such as (o+y), (e+y) or (æ+w) but others consider them as diphthongs (Mahootian, 1997: 286).

212 CHAPTER FOUR

'to come, they have come, they came' /eveyðen/ /xeyr/ 'goodness, happiness, good omen (Arabic loan word 'خير)' /pey/ 'trace, foot print' (57)/æw/ 'the children, the descendants, a tribal branch (Arabic /æwlað/ loan word اولاد) 'trousers, the skirt of a traditional female dress' /šæwlar/ /pæwzar/ 'shoes' /xæw/ 'sleep' /næwhæt/ 'a strange and awkward person, not fine, not having a pleasant appearance' /kelæws/ 'wild celery' (58)low/ /owsi/ 'mystery' /bow/ 'dad, father' (59)/iə/ /siər/ 'full, not hungry' 'lion', /šiər/ 'late' /diər/ 'old' /piər/

From the above combinations, *ia* seems to have the major characteristics of a diphthong. First we can find sufficient minimal pairs, such as:

'an angry look'

```
(60)
         /sir/
                         'garlic'
                         'salty'
        /sur/
                         'head'
        /sær/
                         'full, not hungry'
        /siər/
        /šir/
                         'milk'
                         'evil'
        /šær/
                         'lion'
        /šiər/
        /dir/
                         'far, far away'
        /diər/
                         'late (time)'
```

/piəl/

```
/pil/
               'money'
/piəl/
               'an angry look'
```

Moreover, the *ia* combination is not separable in other phonological processes, consider following examples:

```
\check{s}i\partial r + -a > \check{s}i\partial ra 'lions', pi\partial l + = om > pi\partial .l = om 'my money'
(61)
```

The same reasoning holds true for the combinations oy, ey, ey, ew, and ow, as shown in the examples below:

- (62)poy + -bær > poy.bær 'one who takes everything altogether'
- $\check{s} \alpha y + -kon(-a) > \check{s} \alpha y.kon(-a)$ 'doubtful, one who doubts a lot' (63)
- (64) $pey + =_S > peys$ 'his/ her trace'

Phonologically speaking, the rule is that when a consonant-initial suffix attaches to a consonant-final word, an e is inserted to prevent consonant clusters. This is a proof that the second vowel in above examples does not act like a consonant, hence the combinations can be regarded as diphthongs.

- $\alpha ew + -a > \alpha ew$. a 'waters' (65)
- (66) $bow + -q\alpha el > bow.v\alpha el$ 'fathers'

The Bakhtiari plural suffix -qæl changes to -væl when attached to a vowel final word. I conclude, accordingly, that we can distinguish six diphthongs in this variety of Bakhtiari.

4.3 SYLLABLE STRUCTURE

A syllable in Bakhtiari contains a vowel as its nucleus, but no consonant clusters are allowed in the onset. Depending on the number and distributional pattern of consonants, the following syllable types are distinguished in Bakhtiari:

1. V a 'master'; i 'this'; u (ho) 'that' 2. VC al 'a demonic creature'; eis 'photo' 3. VCC æsp 'horse'; ard 'flour' 4. CV na 'strength'; ri 'face' 5. CVC hak 'soil, land'; kaes 'person, family' tacht 'a big, flat rock; comfortable, flat and even'; 6. CVCC pæng 'palm of the hand'

These constitute the basic syllable structures, some combination of these, however, are very prevalent, such as:

(67)

1.	V.CVC	a.bað 'prosperous'
2.	VCC.CVC	æng.dar 'ashamed';
3.	CV.CV	bæ.če 'child', kæ.le 'head'
4.	CV.CVC	ho.var 'smooth'; ko.nar 'a kind of fruit'
5.	CVC.CV	bæn.de 'slave, servant'; mær.ze 'savory'
6.	CVC.CVC	pær.var 'fat, chubby'; ker.dar 'manner'
7.	CVCC.CVCC	dærd.mænd 'somebody who has pain
		(emotionally and physically), poor'

As hinted at in the above examples, all the possible syllable coda clusters are the following:

```
-ft; -ht; -χt; -hð; -nð; -ng; -nk; -ns; -nt; -rč, -rð; -rð; -rd; -rg; -rg; -rk; -rm; -rs; -rt; -rχ; -rz; -rš; -lg; -lg; -lχ; -lt; -hl; -sk; -sg; -sm; -sn; -sp; -sr; -st; -šk; -šm; -šn; -št; -tr; -zg; -zm; -zr; -gs; -hš; -hm

Examples for these clusters are:
```

(68) noft 'nose'; tæht 'flat, smooth'; rext ''; ræhð 'went'; šæng 'a herb'; šans 'chance'; berč 'shine', borj 'month'; terð 'burning'; mærd 'man'; mærg'death'; bærg 'electricity'; merk 'elbow'; nærm 'soft'; hærs 'tear'; mært 'skin'; čærx 'wheel'; nærz 'vow'; orš 'one-tenth'; bælg 'leaf'; šolg 'job'; estælx 'pool'; bolt 'screw, bolt (English loan word)'; tæhl 'bitter'; æsk 'photo'; nosg 'defect, fault'; esm 'name'; hosn 'virtue'; æsp 'horse'; æsr 'evening'; rest 'stench'; mæšk 'water bag'; pæšm 'wool'; jæšn 'feast, party'; hæšt 'eight'; ketr 'kettle'(English loan word); mæzg 'brain'; ræzm 'battle'; xezr 'a saint'; rægs 'dance'; ræhš 'black and white'; zæhm 'wound, sore'.

CHAPTER FIVE NOMINAL MORPHOLOGY

5 NOUN

The noun in Bakhtiari can occur as subject, object and peripheral nominal arguments and is inflected for number. It can take determiners (5.2 and 5.7), the definite object marker -(n)e (5.4) and the definite suffix -ke (5.2.1). Nouns can also be modified by a noun and/ or adjectives in a N+ ezafe+ adjective construction (5.3). Both the syntactic and semantic functions of the noun phrase are expressed by prepositions (5.5) and through word order, which is generally SOV. They can also be classified further according to number and definiteness.

5.1 NUMBER

The singular noun is expressed by the unmarked form of the noun and this form can be used as the basis for plural formation. Examples are:

(1) æwr 'cloud', beu 'father', da 'mother'

The plural noun, unlike the singular, is marked by several different morphemes which are suffixed to the noun, as will be demonstrated below.

5.1.1 The plural suffix -a / -ha

The most frequent plural suffix in Bakhtiari is -a with the allomorph -ha. Every new word which enters the language will be pluralized by using the morpheme -a or -ha.²¹⁵ Words end ing in a consonant or high vowel will be inflected by -a and the other vowel-final words take ha in their plural form, as shown in the examples below.

^{215.} I have encountered only one case where a new word, *tefri*, ends in another plural morpheme *-yæl*. In recent years the Bakhtiari nomads, living in Kohrang, have coined a word to refer to the tourists coming to see the natural attractions of their area. They call them *tefriyæl* which is derived from the Persian noun *tæfrih* 'promenade, recreation', itself derived from Arabic root فرح //fræĥæ/ 'joy, delight'.

(2) Suffix -a

	Sg.	Pl.	Gloss.
a)	zə/åmin	zəmin-a	'land, ground'
b)	deræxt	deræxt-a	'tree'
c)	gænðom	gænðom-a	'wheat'
d)	šotor	šotor-a	'camel'
e)	ley	ley-a	'a kind of hand-woven rug'
f)	mobail	mobail-a	'mobile phone'
g)	$n ilde{o}^{\scriptscriptstyle W}$	nõ-w-a	'bread'
h)	tu	tu-a	'room'
i)	ti	ti-y-a	'eye'

(3) Suffix -ha

	Sg.	Pl.	Gloss.
a)	pa	pa-ha	'foot/leg'
b)	tela	tela-ha	'gold'
c)	sorfe	sorfe-ha	'table cloth/ cough'
d)	Zantia	Zantia -ha	'a new brand of auto'

The historically informed analysis would be to consider **-ha** as the original form (as in written Persian) descending from Middle Persian **-īhā** (Tafazoli-Amuzegar 1996:67) with the allomorph **-a** (in Bakhtiari as well as in spoken Farsi Persian) for the consonant-final words. It seems that in the older stages of the language, inanimate nouns usually took **-a/-ha** in their plural form while animate nouns were pluralized by other plural suffixes, to which I will now turn.

5.1.2 The plural suffix $-gael/-yael^{216}$

This morpheme has lost almost all of its productivity. The many words that have their plural formed by this morpheme, however, are quite frequent everyday words. It is an almost closed set that belongs to some old important semantic domains, such as kinship terms, animal husbandry terminology and a number of adjectives functioning as nouns. The examples below will further clarify this

^{216.} In addition to these forms, there are some words, usually ending in -g, which have their plural forms made by adding the suffix - αl , a very frequent plural suffix in the Lori variety of the southern neighboring language of Kohgiluye va Boyrahmad province (or $[ko^hgilu\ beir\alpha met]$ as they call themselves). There are very few plural forms in Bakhtiari using this suffix: $behig \rightarrow behig\alpha l$ 'bride'; $borg \rightarrow borg\alpha l$ 'eyebrow'.

point²¹⁷. This plural morpheme has two allomorphs, in the sense that *-gœl* comes after words ending in a consonant, whereas *-yœl* attaches to vowel-final words, as shown in the two following sets of examples:

(4) Suffix -gæl

	Sg.	Pl.	Gloss
a)	zæn	zængæl	'woman'
b)	dor	dorgæl	ʻgirl'
c)	kor	korgæl	'boy, son'
d)	boz	bozgæl	'goat'
e)	hær	hærgæl	'donkey'
f)	gær	gærgæl	'calf'

Some examples of words, almost entirely kinship terms, which have their plural forms in *-yæl*, are as follows:

(5) Suffix -yæl

	Sg.	Pl.	Gloss
a)	aqa	aqayæl	'paternal uncle'
b)	bæče	bæčiyæl	ʻkid, baby'
c)	beu	beuyæl	'father'
d)	bivi	biviyæl	'respected/ elderly lady'
e)	botiə	botiyæl	'maternal aunt'
f)	da	dayæl	'mother'
g)	dalu	daluyæl	'old woman'
h)	de <i>ðu</i>	deðuyæl	'sister'
i)	dowa	dowayæl	'son/brother-in-law'
j)	geu	geuyæl	'brother'
k)	halu	haluyæl	'maternal uncle'
1)	homsa	homsayæl	'neighbor'
m)	jeqele	<i>jeqeliyæl</i>	'young boy'
n)	kiči	kičiyæl	'paternal aunt'

^{217.} Interestingly, the words and terms related to agriculture do not have these morphemes in their plural but have -a and the collective plural suffix -un (5.1.3 below). Does it reveal anything about the sociolinguistic history of this people? Can it be interpreted as a hint that, in comparison with herding and nomadic life, agricultural activities are a later development in their community?! Or, in an opposite analysis: if we consider -a as the original plural form and -yæl/-gæl a later adaptation, can we conjecture that these people were in the beginning settlers with agricultural activities and then became familiar with herding and pastoral nomadism through contact with neighboring Turkish tribes and have adopted some of their herding terminologies (Digar 1981).

o)	aðom	aðomiyæl	'people, man'
p)	tate	tatiyæl	'old man'
q)	pia	piayæl	'man'
r)	kor	korgæl/	'boy, son'
		kor(i)yæl	-

The last example is an exception. It seems, however, that one of the two forms is older since Bakhtiari nomads whose language is less affected by standard Persian, as well as old people, tend to use *korvæl*²¹⁸ more often than the other form.

As mentioned above, there are several adjectives that, when used as nouns, i.e. as heads of the NPs, have the same plural suffixes:

(6)		Sg.	Pl.	Gloss.
	a)	morðe	morðiyæl	'the dead ones'
	b)	live	liviyæl	'the mad, crazy ones'
	c)	lemi	lemiyæl	'the bottom ones'
	d)	bålåhi	bålåhiyæl	'the top ones'
	e)	eylaq	eylaqiyæl	'people of the cold lands'
	f)	ʻalborŏe ²¹⁹	alborðiyæl	'the ones who have been possessed by an Al' ²²⁰
	g)	jengerei <u>ð</u> e	jengereiðiyæl	'people who have been possessed by a Jen' ²²¹

There are cases where after the addition of the plural suffix, we see a phonological change²²² not just in the final vowel but also in the root morpheme:

(7)	$miare \rightarrow mirgæl$	'husband'
(8)	$s \alpha s \gamma \rightarrow s \alpha s \gamma \alpha s l$	'dog'
(9)	$big \rightarrow bivæl$	'goat kid'

5.1.3 The collective plural suffix -un²²³

This plural ending (which is cognate with the prevailing Persian plural suffix -an) is a continuation of the older genitive plural ending. This suffix is usually pronounced as $-\tilde{o}^{n}$. As we see in the examples, words pluralized in this manner convey the concept of collectiveness:

^{218.} Also mentioned in Vahman & Asatrian (1995:70).

^{219.} The mark (') indicates that the following syllable is stressed, but as Bakhtiari words are canonically stressed on the final syllable, I will only indicate the stress when it deviates from the default rule. 220. a demonic being.

^{221.} a demon, one who behaves erratically.

^{222.} $s \alpha y + -y \alpha l > s \alpha y \alpha l > s \alpha y \alpha l$; $b i g + -g \alpha l > b i g g \alpha l > b i y \alpha l$.

^{223.} This ending is usually pronounced as $[\tilde{o}^w]$ (see 4.2.6).

(10) Suffix -un

	Sg.	Pl.	Gloss
a)	jend	jendun	'a group of Jens; genie'
<i>b)</i>	lor	lorun	'Bakhtiaris or Lors in general'
c)	hæqdar	hæqdarun	'one who is right and justified'
d)	jahel	jahelun	'lad, ignorant, young'
e)	morq	morqun	'hen'
<i>f)</i>	til	tilun	'chicken'
g)	gusend	gusendun	'sheep'
h)	χers	χersun	'bear'
i)	gorg	gorgun	'wolf'
j)	šiər	širun	'lion'
<i>k</i>)	aesb	æsbun	'horse'
<i>l)</i>	pel	pelun	'young ox'
m)	qater	qaterun	'mule'
n)	miəš	mišun	'ewe'

Moreover, the tribe names are generally pluralized using this ending:

(11) Tribe names

		Sg.	Pl.	Gloss
	a)	Bavaģi	Bavaðun	'members of Bavadi tribe'
	b)	Monjezi	Monjezun	'members of Monjezi tribe'
	c)	Šeiχ	Šeixun	'members of Sheix tribe'
	d)	Bosak	Bosakun	'members of Bosak tribe'
	e)	Zærasvænd	Zærasvænðun	'members of Zarasvand tribe'
But:				
	f)	Hæmule	Hæmuliyæl	'members of Hamule tribe'
	g)	Gændeli	Gændeliyæl	'members of Gandeli tribe'
	h)	Muzærmuni	Muzærmuniyæi	l'members of Muzarmuni tribe'

5.2 DEFINITENESS

An uninflected noun can *always* be generic, indefinite or definite/specific. It depends on what is intended by the speaker.

- (12) gænðom men-e xærmen=e wheat in-EZ treshing ground=cop.3sg 'The wheat is on the threshing ground.
- (13) 1. čåi rext si mændes But: 2. čåi=ne rext men-e sini tea pour.pst.3sg for engineer tea=om pour.pst.3sg in-ez tray '(S/he) poured tea for (the) engineer.' '(S/he) poured the tea in the tray!'
- (14) $bar\tilde{o}^w$ si qæle $\chi uw=e$ rain for crop good= cop.3sG 'Rain is good for (the) crops.'

There are, however, several ways by means of which a noun can be made definite or indefinite in Bakhtiari, as follows:

5.2.1. Definite suffix -ke

This suffix comes after a noun and like a definite article adds the quality of definiteness to its preceding noun. It is, however, comparable to suffix -e/-æ in spoken Persian, which according to Mahootian (1997:201), 'optionally attaches to any singular proper or common NP subject, direct object, indirect object and other cases to indicate definiteness':

- (15) pia-ke čænde čaq=e!
 man-DEF how.much fat=COP.3sG
 'How fat the guy is!'
- (16) ketav-(e)-ke=ne čænde esteið-i?
 book-(e²²²⁴)-def=om how.much
 'How much did you buy the book for?'
- (17) pil-a=ne be doðær-(e)-ke dað-i?
 money-PL=OM to girl-(E)-DEF give.PST-2.SG
 'Did you give the money to the girl?
- (18) zæn-gæl-(e)-ke čænde ver-e-zæn-en woman-PL-(E)-DEF how.much chat-DUR-hit.PRS-3PL 'How much the women prattle!'

^{224.} Here and in other examples that will follow, we regularly see the occurrence of an epenthetic vowel (e) between two consonants. This additional vowel has been put between parentheses because it is optional and you would quite often hear the same utterance without this.

5.2.2 Definite suffix -e

This definite marker can easily be mistaken for the indefinite marker or an Ezafe (5.3). This specific stressed definite suffix only marks a noun in an adjectival compound:

(19) doğær ze hæmæ gæp-tær-e ši kerd daughter from all big-compr-def husband do.pst.3sg 'The biggest daughter of all, married.'

The same utterance can be said using a direct object marker added to the same definite noun:

- (20) doðær ze hæmæ gæp-tær-e=ne da(ð, be ši daughter from all big-compr-def=om give.pst.3sg to husband 'S/he gave, the biggest daughter of all, to marry.'
- (21) *šæv dinda-i-e dið-om=es* night next-ATTR-DEF see.PST-1SG=BP.3SG 'The next night, (I) saw him/her/ it.'
- (22) *œwr-e=ne e-bin-i?* cloud-DEF=OM DUR-See.PRS-2SG 'Do you see the cloud?'

5.2.3 Definite suffix -o

I agree with Moradi (2000: 48) that, as a rule, when the demonstrative adjectives (5.7.1) come before a noun, that noun will receive a final o, which can be considered as a definite marker.²²⁵ He mentions these examples to support his point:

- (23) 1. *i kor-o* 'this boy'
 - 2. *u doðær-o* 'that girl'
 - 3. hæm qælæm-o 'this one pen'
 - 4. hæm jær-o 'that one dispute'

^{225.} As mentioned above (2.5), there are many regional varieties of Bakhtiari that, if considered as well, can complicate the linguistic analysis. Here, to be able to give a coherent description of the language, I only focus on the Hamule version of Bakhtiari to which I feel most affinity. In the Hamule variety the expressions in (23) would be like: 'i kor-e-ke', etc. Moradi's examples, however, are also very frequent, therefore, they are discussed here, as well.

5.2.4 Indefinite suffix -i

This particle follows a noun and marks it as indefinite, as in below example which is one line from a popular Bakhtiari song²²⁶:

sowar-i ze dir i-y-a-ø ordi=s be dinda rider-INDF from far DUR-E-come.PRS-3SG corps=BP.3SG to behind 'A horse-man is coming from a far, his troops, at the back!'

5.2.5 Indefinite article yæ

yæ, 'one' and also a numeral is used as the indefinite article that comes before noun:

(25) yæ pia gæp 'veyd=e be mal one/a man big come.pst=is to camp/ house 'A big man has come to the camp house.'

5.2.6 Combination of both indefinite article and particle yæ + -i

The third way of marking indefiniteness is to add the unstressed suffix -i right after the same word which is already a qualified indefinite noun by means of a preceding ya one, a^{227} :

(26) yæ pia-h-i vaba=s eveyð-ø one/a man-e-INDF with=BP.3sG come.PST-3sG 'A man came with him/her.'

5.3 EZAFE CONSTRUCTION

The Ezafe, an Arabic loan word literally meaning 'addition; attached', is a very productive way of modifying a noun in many Iranian languages, including Bakhtiari. There is extensive literature²²⁸ on the subject, therefore, it is not specific to the language of our concern and the interested reader is referred to the sources cited in the footnotes for a more detailed discussion on the subject. Here some main functions of the Ezafe are listed to show how this grammatical marker works in the context of Bakhtiari. As a general rule, the Ezafe links a modifier to a head noun. This modifier can be an adjective or a noun or a participle, in which case the quality of the head noun will be expressed through this relation:

^{226.} Bakhtiari, Masoud: Hallu Zal song in Mal- Kanun Album.

^{227.} Yarshater (1969: 65) has mentioned the same process in Southern Tati languages and thinks that this -i is "apparently a borrowing of the Persian ya-e vahdat".

^{228.} Samiian (2008:339-363); Mahootian (1997: 150) and Lazard (1992: 66-71), among others.

Modification by a proper noun signifies the concept of possession:

(28)1. kor-e goli 2. šær-e ævaz son-ez Gholi city-ez Ahvāz 'Gholi's son' 'The city of Ahwaz'

A noun modifier can also indicate the origin or the material of the head noun:

(29)1. gænðom-e eilag 2. pust-e boz wheat-EZ cold.region skin-ez goat 'The wheat of the cold region' 'Goat's skin'

The Ezafe can also link a preposition of nominal origin to its adjunct noun:

(30)1. ziər-e bohun 2. *sær-e* koh under-EZ tent head-EZ mountain 'under the black-tent' 'on the mountain'

Also, an alternative way to express possession with the enclitic suffixes is by the use of the Ezafe construction and a full pronoun: "The possessor can be any NP, including a personal pronoun or reflexive pronoun. Neither possessor nor possessed is otherwise morphologically marked (Mahootian 1997:150)".

2. ketav-e (31)1. ketav-e то $\chi o = m$ book-EZ book-ez self=BP.1sG I/me 'My book' 'My own book'

The Ezafe particle drops when the head noun ends in a vowel:

(32)da=m2. horma *Guzestõ*^w gold mother=BP.1SG dates Khuzestan 'my mother's gold' 'the dates of Khuzestan'

In certain compound nouns, an inversion in the order of the noun and adjective makes the use of Ezafe unnecessary. In such cases, the whole NP can act as a substantive, capable of taking the role of the predicate of a sentence:

(33)2. tile-zæn 3. *širin-æw* 1. *ma-qa* female-cow small-woman sweet-water 'female cow' 'a tiny/young woman' 'fresh water' (34) ma-ga-i=e si-χo=s! female-cow-INDF=COP.3sG for-self=BP.3sG 'She is a unique (lit.for herself) strong woman!'

5.4 DEFINITE OBJECT MARKER *-e/-(n)e*

When a definite noun is the direct object of a verb, it is followed by the enclitic =(n)e. When the definite object noun ends in a vowel the allomorph =ne is used, otherwise =e appears. ²²⁹

- (35) čeraq=e kur kerd-ø lamp=om blind do.pst-3sg '(S/he) turned off the lamp.'
- (36) ga=ne e-bin-i? cow=oM DUR-see.PRS-2SG 'Do you see the cow?'

As is shown below, the object marker appears after the plural morpheme or any other modifying suffix:

- (37) dærf-a=ne šošt-ø dish-pl=om wash.pst-3sg '(S/he) washed/has washed the dishes.'
- (38) jeqele-ke=ne i-y-æšn-om lad-def=om dur-e-recognize.prs-1sg 'I know this lad.'
- (39) doðær ze hæmæ gæp-tær-e=ne da(ð)-ø be ši daughter from all big-compr-def=om give.pst.3sg to husband 'S/he gave, the biggest daughter of all, to marry.'

When the object is a compound or a conjoined noun phrase, consisting of two or more nouns, the object marker appears only once, after the final one:

- (40) *ja-nõw-i-ne* borð-ø place-bread-ATTR-OM take.PST-3SG 'S/he took the bread container .'
- (41) ketav=o qælæm=o dæftær=ene lešt-ø be gel=o dævnið-ø ræhð-ø book-conj pen-conj notebook=om leave.pst-3sg on earth-conj run.pst-3sg go.pst-3sg 'S/he put the book, pen and notebook on the ground and ran away.'

^{229.} Windfuhr (1988: 560), however, mentions $-\alpha$ as the object marker, which seems to be either because his consultant spoke a different dialect or it is *his* phonetic interpretation of what others generally perceive as the suffix $-\alpha$.

5.5 PREPOSITIONS

Prepositions are particles, words or phrases that precede a noun and can be divided into three major groups: basic, derived and complex. Each group will be explained in their respective sections.

5.5.1 Basic prepositions

These constitute a very small category of prepositions. They are particle-like words with different backgrounds that come before a noun and help to convey different semantic roles.

(42)1. be mænzel 2. ta šæw 3. bi dæs 4. ba das to home until night without hand with sickle 'into/towards home' 'until night' 'without hand' 'with a sickle'

The prepositions in this group do not participate in an Ezafe construction. A list of these with their relative meanings²³⁰ is provided in table (5.1) below:

Table 5.1: Basic prepositions

ba	with	instrumental function
vaba	with	comitative function
va	with	circumstance
bi	without	non-availability, deficiency, absence
be	to; in; into; on; with	direction, location; manner; instrument
či	like	similarity
ri	on, above, over, on top of	locative superiority; direction
si	for, for the sake of	the benefactive case or purpose
ta	until	distance (time and place); the end purpose
ze	from, of, belong, made of	origin

Now, the above prepositions are explained separately, accompanied by examples to portray them pragmatically.

Bakhtiari expresses instrumentality by the use of ba:

^{230.} Bakhtiari shares many of these prepositions with Persian. Their exact meaning, however, are not always the same.

(43) $zei\mathring{\phi}-\emptyset$ sær=es=e ba bærd $eškæn\mathring{\phi}-\emptyset$ hit.pst-3sg head=bp.3sg=om with stone break.pst-3sg '(S/he) hit and broke his/her head with a stone.'

To express the comitative function the compound form *vaba* is usually used:

(44) vaba bæči-yæl ræ-n be koh with kid-PL go.PST-3PL to mountains '(They) went to the mountains with the kids.'

To express the semantic function of circumstance, the preposition *va* is used:

(45) pia-ke va seviəl-a deraz=es owra=im kərð-ø.
man-def with mustache-pl long=bp.3sg fear= bp.1sg do.pst-3sg
'The guy made me scared with his long mustachios.'

The preposition bi 'without' expresses the lack of a quality or the absence of an entity or action:

- (46) bi dong ham-o-čo nešæst-ø without sound EMPH- DIST-place sit.PST.3sg 'She sat right there without (saying) a word.'
- (47) Gæza-ke bi tom=e food-DEF without taste= COP.3sG 'The food is tasteless.'
- (48) bi xodafezi vel-kerő-ø, ræhő-ø without farewell free-do.pst-3sg go.pst-3sg 'S/he left without saying goodbye.'
- (49) Geiz kerð-ø bi måši ræhð-ø angry do.pst-3sg without car go.pst-3sg '(She) became angry and left without the car.'
- (50) Geiz kərð-ø bi bæči-yæl ræhð-ø angry do.PST-3SG without kid-PL go.PST-3SG '(She) became angry and left without the kids.'

The main use of *be* 'to; in; into' is to indicate 'motion toward' or the dative.

(51) bæči-yæl-ke påy ræhð-en be mærese kid-pl-def all go.pst-3pl to school 'All the kids went to school.'

Another usage of **be** is to indicate 'being in a location':

(52) ima heni be eylaq=im we still in Eylaq= COP.1PL 'We are still in Eylaq.'

The example below shows another specific meaning of **be** in Bakhtiari, i.e 'covered with' or 'into':

(53) dæst=om be hevir=e, næ-tær-om bi-y-a-m hand=BP.1sG into dough= COP.3sG NEG-can.PRs-1sG SBJV-E-come.PRs-1sG 'My hands are covered with dough, I can't come.'

The next example shows the use of **be** with an instrumental meaning:

(54) be ču zeið-om=es with wood hit.psr-1sg=bp.3sg 'I hit him/her/it with a stick.'

The preposition *be* is also one strategy for marking the addressee (see also *si* below)

(55) be da=om goð-om to mum=BP.1sG say.PST-1sG 'I said to my mum.'

či 'as, like' in this role should not be confused with the noun *či* meaning 'thing, an object' (see 5.6.3 below).

(56) *či pælæng næhræ kæšið-ø, či šiər goromnið-ø* lik panther yell pull.pst-3sg lik lion roar.pst-3sg '(He) yelled like a panther and roared like a lion. (Vahman, F& G.S. Asatrian 1995:76)'

si 'for, for the sake of' is a basic preposition to express the benefactive or the purpose of an action:

(57) *čai* si=t rast kerð-om tea for=BP.2SG upright do.PST-1SG 'I made (prepared) tea for you.'

This same preposition, however, can join another noun to make a compound preposition *si del* with the same meaning and then behaves more like a noun (see below).

As the preposition *be* above, *si* is also another strategy for marking the addres see.

(58) bi-y-aw ta χo =m si=t bo-g-om sBJV-come. PRS.2SG until myself=BP.1SG for=BP.2SG SBJV-say.PRS-1SG 'Come, so I tell you, myself.'

ta 'until', in its primary role, conveys the temporal and spatial distance:

- (59) ta sohv va be-nišin-im till dawn should sbjv-sit.prs-1pl 'We should stay up till dawn.'
- (60) ronð-om=es ræhð-om ta čelgerd drive.pst-1sg=bp.3sg go.pst-1s till Chelgerd 'I drove it off to/ till Chelgerd.'

In its secondary role, however, it can indicate the purpose or the result of an action, as shown above in (60).

In its most basic function, ze 'from, of, belong, made of' indicates origin of location, time or source (61-3). It is also used in comparative and superlative constructions (5.7.1.2), or to denote the material that things are made of (64).

- (61) ze i- $\check{c}o$ ta be $\check{s}\alpha(h)r$ from PROG -place till to city 'from here to the city'
- (62) ze hala ta pesin from now till afternoon 'from now till afternoon'
- (63) (yo) ze ki=n-e? (PROG) from who=E-COP.3sG '(This) belongs to whom?'
- (64) yo ze tela=h-e gold=E-COP.3sG 'This is made of gold.'

ze can also appear in compound preposition forms, sometimes with a change in its vowel (see 87-91 below).

The preposition that is used with superlative adjectives is **ze** 'from, of, belong':

(65) gæf-tær ze hæmæe big-compr from all 'the biggest'

5.5.2 Derived prepositions

Besides the above prepositions, there are a number prepositions that also function as nouns and adjectives. The most frequent ones are:

ri 'on, above, over, on top of' can also be considered to have an original nominal function, and it still does, meaning 'face', 'surface' and 'top'; but it can behave as a preposition:

- gæle (66)ræhð-ø rikoh! go.pst-3sg over/on top of mountain 'The herd went over on the top of the mount!'
- (67)be-riz ri=sæw water SBJV-pour.PRS.2SG on=BP.3SG 'Pour water on it!'

It seems that the change of this word's role from a noun to a preposition is due to Persian influence, since older Bakhtiaris use sær 'head; top' more often. As an example, the above sentence (67) if uttered by an elderly Bakhtiari, would be like (68):

(68)bo-ko(n) $s \alpha r - e = s$ SBJV-do. PRS.2SG head-EZ=BP.3SG 'Pour (do) water on it!'

sær, ro(h), nok 'on, above, over, on top of', they all indicate locative superiority:

(69)gæle-ke ræhð-ø roh zærde! herd- DEF go.PST-3SG DIST on top of Zarde 'The herd went over there, on the top of the mount Zarde!'

They can be used together for emphasis and each carrying the Ezafe marker separately:

(70)*kelæws-a=ne* nok-e koh čið-om. sær-e peak-EZ wild celery-PL=OM top-EZ mount pick.pst-1sg '(I) have picked up the wild celery from the the very top of the mountain!'

men²³¹ 'in, inside'. Although it does not exist today as a separate noun, we could assume that etymologically it may have been a noun²³². In the present state of the language, the only word that I could find having this morpheme in its structure is menjoga 'in the middle' and its variant menja in Bakhtiari and Northern Lori with the same meaning.

^{231.} This is of the words that distinguishes the dialect of Mouri tribe from other Bakhtiaris, as it is pronounced with the front-high and long vowel mīn.

^{232.} Like Middle Persian mayān 'middle, among, between' (Mackenzie 1971:55) and Modern Persian *miyān*.

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(71) *jæng væst-ø men-e mal* fight fall.pst-3sg in-Ez camp-site 'A fight broke in the camp-site.'

(72) men=es če=ne? in=BP.3SG what=COP.3SG 'What's in it?'

daxel 'in, into, at, inside' is an Arabic loan word, meaning the same as *men*. Both words indicate interior location, i.e. 'within, inside':

(73) boz-gæl daxel-e gaš=en goat-PL in-Ez pen=are 'Goats are in the pen!'

The only difference is that *daxel* can also be used adverbially, as illustrated in (74):

(74) pæ bi-y-aw daxel næ-va-st birun then sBJV-come. PRS.2sG inside, NEG-PRV-stand.PRS.2sG outside 'Come inside, then! Don't wait outside!'

bal, kel, pæ(h)li, tey 'next to, beside, by', they all indicate locative laterality:

- (75) $keter^{233}i$ -ne be-n-e bal-e tæš kettle=om sbjv.put.prs-2sg beside-ez fire 'Put the kettle by the fire!'
- (76) bi-y-æw pæli xo=mbe-nešin!

 SBJV-E-come.PRS beside self=BP.1sG SBJV-sit.2sG

 'Come and sit next to myself!'

ziar 'under' shows locative inferiority:

(77) ziər-e ja xowsið=e under-EZ bedding sleep.PST=COP.3SG 'She is sleeping under the bedding.'

jelæw 'in front of, ahead of', conveys locative anteriority, when attached to an Ezafe marker, an epenthetic *v* intervenes:

(78) *jelæw-v-e ima* in front-E-EZ us 'in front of us'

^{233.} It is borrowed from English kettle (Zolfaghari, 2003:125)

neheng 'near, close', shows locative closeness:

(79) neheng-e gæle near-EZ herd 'near the herd'

pošt, æqæb 'back, behind' indicate locative posteriority.

(80) vorias pošt-e bohun vænd=e!
rope behind-Ez tent throw.pst=cop.3sg
'The rope is thrown behind the black tent!'

qœlb, piš 'before' will indicate the temporal and spatial distance:

- (81) qælb-e šæš očo bið-om before-EZ six DIST be.PST-1SG 'I was there, before six.'
- (82) qælb-e mo va-stað-e bið before-ez me prv-stand.pst-ptcp be.pst.3sg 'He was standing behind me.'
- (83) yo piš nešæst-e bi, ho qælb=es this front sit.pst-ptc be.pst.3sg that back=bp.3sg 'S/he was sitting in front, that one at his (her) back.'

dinda and bæð both meam 'after, next':

- (84) bi-y-æw dinda mo SBJV-E-come.PRS after me 'Come after me!'
- (85) ævæl dærf-a-ne be-šur, bæð lævas-a(-ne) first dish-PL-OM SBJV-wash.PRS next cloth-PL(-OM) 'First wash the dishes and next the clothes!'

5.5.3 Compound prepositions

Compound prepositions here refer to prepositional phrases that consist of a noun, an adverb or an adjective, sometimes joined together by an Ezafe and accompanied by a basic preposition. The basic preposition usually precedes the compound, but in the case of *ze* it usually follows it. The most frequent of these phrases are listed below:

si del 'for, for the sake of'; in which del means 'heart', but the whole compound indicates the benefactive case or purpose. Compare the two sentences below for

the usage of a basic and a compound preposition with almost the same meaning:

(86) 1. yo=ne $da\mathring{\phi}-\emptyset$ si $\chi o=m$ this=om give. PST- \emptyset for self=BP.1sG '(She) gave this for myself!'

2. gerevest-om si del=e to!
cry.pst-1sgs for heart-ez you
'I have cried for the sake of you.'

In the following example the compound preposition *dir ze* shows the distance:

(87) dir ze gæle
far from herd
'far from the herd'

(be) geir ze/ geirza 'except for'; these compounds indicate the omission of certain members of a group. Note the phonological change of the final vowel in ze. The use of the first preposition is optional and it is closer to Persian, but if used, it will not have an emphatic or any other semantic role.

(88) $he\check{s}$ -ke(s) næ-tær-e zur=es, geir-za χo =m none-who NEG-can.PRS-3SG power=BP.3SG except-from self=BP.1SG 'No one can move it, except for me.'

birun ze 'out of', a noun plus preposition combination that expresses the locative exteriority.

(89) birun ze mal!
out of camping site
'out of the camping site!'

piš ze 'before (lit.before from)'; which is a combination of a noun and the preposition ze

(90) piš-ze mo zeiģ-ø be dær before-from me hit.pst-3sg to door '(She) went out infront of me.'

The preposition **bæð** 'after' (example 85 above) has also a compound form **bæð ze** 'after from' with its shorter manifestation **bæze** 'after':

(91) bæze nahar i-y-a(-h-e) after lunch DUR-E-come.PRS(-3SG) '(S/he) comes after the lunch.'

Sometimes, more than one preposition can combine in an Ezafe construction:

(92)hæpærõ^w æworð-ø pošt-e sær si=sbehind-EZ head attack bring.prs-3sg for=BP.3sG from '(S/he) attacked him/her from behind.'

5.6 PRONOMINAL WORDS

Pronominals in Bakhtiari belong to a closed class and their singular and plural forms are separate lexical items. They can occur as subject, object and complement and can take the object marker =(n)e (see 5.4). Pronominals canonically occur before the verb. In addition, they cannot be modified and do not take the definite marker -ke (see 5.2.1).

5.6.1 Personal Pronouns

Bakhtiari personal pronouns can be further categorized as either free (independent) or bound morphemes (enclitics). Both these categories have two sets of singular and plural forms in three persons, which will be separately described below.

5.6.1.1 Free personal pronouns

Free pronouns are used in all persons and numbers as subjects, objects, indirect objects, parts of comparative constructions, etc. Bakhtiari is, however, a pro-drop language and usually omits the subject pronoun of all persons and numbers. Personal pronouns can be divided based on person and number.

Table 5.2: Personal Pronouns

ʻI, you	ı, he,', 'me, you, him,'
1s	то
2s	to
3s	ho
1p	ima
2p	isa
3p	honõ ^w /honon/hono/ono

As can be seen from the table, in the third person singular, Bakhtiari distinguishes no gender or animate/inanimate differences. The third person singular and plural pronouns are the same as the distal demonstrative pronouns (5.6.5 below). It should be also noted that the third plural pronoun *ono* is more frequently used for objects than for people. Note that the second person plural pronoun only indicates the plurality of the second person and is not used to convey respect or any sociolinguistic register. Examples in (93) shows the first singular pronoun in subject and object position:

(93) 1. (mo) siav-a=ne $\chi er \delta -om$ 2. da=m mo=ne $sost-\emptyset$ (I) apple-pl=om eat.pst-1sg mother=bp.1sg me=om wash.pst-3sg 'I ate the apples.' (My mother washed me.'

Some more examples from other pronouns in different roles:

- (94) 1. be honow hæm dað-en to them also give.pst-3pl (They) gave them, too.'

 2. honon=e dað-en them =om give.pst-3pl (They) give them, too.'

 'Did (they) give them?'.²³⁴
 - 3. ze ima esteið-ø 4. isa če men=e ho did-in? from us buy.pst-3sg you what in=om him/her see.pst-2sg '(S/he) bought/ took (it/ them) from us.' 'What did you see in her/him/it?'

As shown in (94) prepositions can precede the personal pronouns and assign different semantic roles to them.

5.6.1.2 Bound personal pronouns (enclitics)

In addition to the verbal set of PAM²³⁵s (See 6.3.1 below), Bakhtiari also uses a second set of PAMs, the possessive/oblique enclitics, which are illustrated in table 5.3:

Table 5.3: Pronominal enclitics

'my, me; your, you; his, him, etc.'			
	after -C	after -V	
1s	=om	=m	
2s	=et	=t	
3s	=es	$=_S/=\check{S}^I$	
1p	$=em\tilde{o}^{\scriptscriptstyle{W}}$	$=m\tilde{o}^{\scriptscriptstyle{W}}$	
2p	$=et\tilde{o}^{\scriptscriptstyle{W}}$	$= t\tilde{o}^w$	
3p	$=es\tilde{o}^{w}$	$=_S \tilde{o}^w \sim = \check{s} \tilde{o}^w$	

¹ The pronunciation of š is the Persianized version of these pronouns.

When enclitic pronouns are attached to a consonant-final word, a connective vowel may precede them. This connective vowel is generally **-e-**, save before **-m**

^{234.} It can also be interpreted as: 'Have (they) been given (something/ that thing)?'

^{235.} PAM stands for Person Agreement Markers which are a set of six agreement suffixes that attach to a verb to indicate person and number (See 6.3.1 below).

of the first person singular, where -e- is frequently replaced by -o-. These enclitics have several functions and may indicate:

Possession, by replacing the free pronoun (5.6.1.1) in a genitive construction:

(95)

 $pil = om^{236}$ $pil=m\tilde{o}^w$ money=BP.1sG money=BP.1PL 'my money' 'our money' pil=tõw *pil=et* money=BP.2SG money=BP.2PL 'your money' 'your money' $pil=s\tilde{o}^w$ pil=es money=BP.3sG money=BP.3PL 'their money' 'his/her money'

Direct objects, by encliticizing to a verb:

(96)

borð=om $bor \delta = (e) - m \delta^w$ take.pst.3sg=E-BP.1pL take.pst.3sg=pp.1sg 'S/he took me.' 'S/he took us.' *bor*ǧ=*e*-*t* $bor\check{\phi}=(e)-t\tilde{o}^w$ take.pst.3sg=E-Bp.2sg take.pst.3sg=e-bp.2pl 'S/he took you.' 'S/he took you.' $bor\check{\phi}=(e)$ - $s\tilde{o}^w$ *borð*=*e*-*s* take.pst.3sg=E-BP.3pL take.pst.3sg=E-Bp.3sg 'S/he took them.' 'S/he took her/him/it.'

These enclitics, when attached to a conjugated verb, such as the first person singular in the example below, should not be mistaken for the verb endings, because in this case (97, 2-3), the two sets of endings (the inflectional suffix -om and the enclitic personal pronoun =om) are identical:

(97)	1. <i>zeiŏ=es</i>	2. zeiǧ-om=es	3. <i>zeiŏ</i> =om - e
	hit.pst=bp.3sg	hit.psr-1sg=p.3sg	hit.pst=bp.1sg-3sg
	'(S/he) hit it.'	'I hit it.'	'(S/he) has hit me.'

^{236.} The other possibility to convey the same meaning is to use the free pronouns in an Ezafe construction such as:

pil=e mo 'my money'.

In addition to this, there is another, rarer structure in the language whereby three arguments can attach to the verb. The verbs that can function in this structure are, to my knowledge, only two, the prototypical verbs that encode Recipient and Addressee, i.e., daðen 'to give' and goðen 'to say, to tell', respectively, as illustrated below:

```
(98) 1. da\c{\phi}-om=et=es 2. n\c{\omega}-da\c{\phi}-om=et=es?! NEG-give.PST-1SG =BP.2SG=BP.3SG 'I gave it to you.' 'Didn't I give it to you?!'
```

Here the second person singular enclitic =et is the indirect object of the ditransitive verb $da\phi$, while the direct object is represented by third person singular enclitic =es:

```
(99) 1. go\c \phi-om=et=es 2. n\alpha-go\c \phi-om=et=es?! NEG-say.PST-1SG =BP.2SG=BP.3SG 'I told you that.' 'Didn't I tell you that?!'
```

5.6.1.3 Full and Short forms of nominal pronouns

Pronouns in peripheral functions appear either as full forms of pronouns or as pronominal enclitics attached to the prepositions. ²³⁷

The prepositions in the examples below are *be, ze* and *si* which mean 'to', 'from' and 'for' respectively; although other prepositions such as *men*'in' and *ba/va* 'with' can also be used in this context:

Table 5.4: Full and Short forms of nominal pronouns

PREP+ Free PRON 'to me,'	PREP+ clitic
1s be mo 2s be to 3s be ho 1p be ima 2p be isa 3p be honõw	$be=m$ $be=t$ $be=s$ $be=m\tilde{o}^{w}$ $be=t\tilde{o}^{w}$ $be=s\tilde{o}^{w}$

(100)
$$pil$$
 $be=s\tilde{o}$ $da\tilde{\phi}-\phi$ money $to=BP.3PL$ give.PST-3sG '(S/he) gave money to them.'

Pronouns in peripheral functions appear either as full forms of pronouns or as pronominal enclitics attached to the prepositions. ²³⁸

^{237.} The Peculiar structures (6.6.1.3 below) are of course exceptions to this rule.

^{238.} The Peculiar structures (6.6.1.3 below) are of course exceptions to this rule.

Table 5.5: 'from'+ pronoun

PREP+ Free PRON 'from me,'	PREP+ clitic
1s ze mo 2s ze to 3s ze ho 1p ze ima 2p ze isa 3p ze honõw	$ze=m$ $ze=t$ $ze=s$ $ze=m\tilde{o}^{w}$ $ze=t\tilde{o}^{w}$ $ze=s\tilde{o}^{w}$

(101)pors næ-kerð-om from=BP.3sG inquiry NEG- do.PST -1SG 'I didn't ask her/him.'

Table 5.6: 'for'+ pronoun

PREP+ Free PRON 'for me,'	PREP+ clitic	
1s si mo 2s si to 3s si ho 1p si ima 2p si isa	si=m si=t si=s $si=m\tilde{o}^{w}$ $si=t\tilde{o}^{w}$	
3p si honõ ^w	Si-SÕ ^w	

(102)1. si=m če esteiģ-i? 2. yæ či xu esteið -om for=BP.1sg what buy.PST -2sg a thing good buy.PST-1SG for=BP.2SG 'what did you buy for me?' 'I bought you something nice.'

5.6.2 Reflexive pronouns

In Bakhtiari only one reflexive pronoun χo is used in all persons and numbers. It functions in both reflexive and emphatic senses. Generally, reflexive pronouns are followed by an enclitic pronoun (105-108), which indicates the person referred to. As the direct object of a verb, however, the reflexive can stand without these enclitics but may host the direct object marker enclitic (103-4).

Table 5.7: Reflexive with pronominal enclitics

'myself,	yourself,'
1s	$\chi o=m$
2s	$\chi o = t$
3s	$\chi_{O}=_{S}$
1p	$\chi o = m \tilde{o}^{\scriptscriptstyle W}$
2p	$\chi o = t \tilde{o}^w$
3p	$\chi o =_S \tilde{o}^w$

χο as direct object, in the reflexive sense:

- (103) ho $\chi o=ne$ košt- ϕ she self= $_{OM}$ kill.PST- $_{SG}$ 'S/he killed her/himself. $_{239}$ '
- (104) to seil (bo-)ko četæw xo=ne zæn-e! you look (SBJV-)do.PRS.2SG how self=om hit.PRS-3SG 'Just look; how (S/he) his/ beats himself/ herself!²⁴⁰'

The direct object marker, =(n)e, when it comes after the reflexive pronoun plus the personal enclitics, will appear in a short enclitic form =e:

- (105) (mo) $\chi o = m = e$ košt-om(I) self=BP.1sG=OM kill.PST-1sG'I killed myself! (Cried or mourned deeply!)'
- (106) (to) $\chi o = t = e$ $zei \phi i?$ (you) self=BP.2sG=OM hit.PST-2sG 'Did you hit yourself?'
- (107) $hon\~o$ $\chi o=sun=e$ $biə\~o ar$ $ker\~o-en$ they self=BP.3PL=OM hide do. PST-3PL 'They hid themselves.'
- (108) zen-gel $\chi o=s\tilde{o}^w$ $reh\tilde{o}-en$ woman- PL self=BP.3PL go.PST-3PL 'The women, themselves, went/ have gone. (Nobody took them or accompanied them.)'

²³⁹ This utterance usually is used in the context of a funeral and actually means that somebody has cried a lot or showed a very dramatic way of mourning like scratching the face, screaming and pulling out her or his hair out of pain and sorrow.

^{240.} By working or crying excessively!

Example of χo in the emphatic sense:

(109) to $\chi o = t$ yo = ne $go \check{q} - i$ You self=BP.2sG this=OM say.PST-2sG 'You, yourself, said this.'

Another way of expressing emphasis is to add the enclitic particle (5.6.5) $h \approx m$ to the already inflected reflexive pronoun:

(110) mo $\chi_0=m=h\varpi m$ qæleve be=s goð-om say.PST-1SG 'I myself told him/her, too.'

This enclitic particle can be used in a short form which then will be encliticized to the reflexive pronoun:

(111) mo $\chi o=m=em$ qæleve be=s goð-om I self=BP.1sG=too very to=BP.3sG say.PST-1sG 'I myself told him/her, too.'

To put more emphasis on the doer of an action, a reduplication of the reflexive pronoun can be used:

- (112) $ba\chi tiar$ $\chi o=s$ $\chi o=s=e$ $ba \phi b a \chi t$ $ker \phi \phi^{241}$ Ba $\chi tiar$ self=BP.3sG self=BP.3sG=OM unfortunate do. PST-3sG 'Ba $\chi tiar$ (himself) made him unfortunate.'
- (113) ze nåråhæti $\chi o=m$ $\chi o=m=e$ $\chi ærð-om$ from stress self=BP.1sG self=BP.1sG=OM eat.PST-1sG 'I was biting myself out of stress!'

There is still another way of emphasis, and that is to use the words teen 'body' or seese 'person/ character' linked to the reflexive pronoun xo, by an Ezafe:

- (114) Question: ki goŏ-ø? Answer: hæm-i tæn-e xo=t!
 who say.pst-3sg EMPH-dist body-ez self=bp.2sg
 'Who said (that)?!' 'You, yourself! (lit. this very body of yourself)'
- (115) mo $\chi o=m$, $\check{s} \&sg e$ $\chi o=m$ i-y-a-m ba=t I self=BP.1sG person-EZ self=BP.1sG IND-E-come.PRS-1sG with=BP.2sG 'I myself, my own person, will come with you!'

^{241.} This is a saying referring to the fate of Shapuhr Bakhtiar, the last prime minister under Shah Mohammad Reza Pahlavi, just before the 1979 Islamic revolution. Bakhtiaris, to this day, think that he should not have accepted this post at that critical time and this choice led him to exile in France and his fatal assassination in 1991. They respect him and feel very sorry for his destiny.

5.6.3 Indefinite pronouns

There are two sets of indefinite pronouns; those that can stand independently in a sentence and the ones that need to attach to other words. The independent indefinite pronouns are:

```
(116)
          1. hiž
                       'nothing':
             hiž
                        næ-goð-en
                        NEG-say.pst-3pl
             nothing
             'They didn't say anything. (Lit. Nothing they said.)'
          2. påy 'all':
            påy
                   χæhr-est-en
                   eat.PASS-PST-3PL
            'All have been/ were eaten.'
          3. hæmæ/e
                              'all':
          hæme
                            ræhð-en
          all
                          go.pst-3pl
          'Everyone left.'
          4. či
                    'something':
                     χærð-en=o
          či
                                           ræhð-en
          something
                      eat.PST-3PL= AND
                                            go.pst-3pl
          '(They) ate something and went.'
```

The other group either attach to question words **ki** 'who' or **či** 'what' or simply to another word, such as **kæs** 'person', **šæs** 'person', **zæmõ**'' 'time', **ja** 'place'; examples are:

```
(117) 1. hær-ki 'whoever' hær-ki go\~{Q}-\~{\varphi}, si \chi o=s go\~{Q}-\~{\varphi}! every-who say.PST-3SG, for self=BP.3SG say.PST-3SG 'Whoever said that, said it for himself! ('It doesn't count as valid!'
```

2. *hær-či* 'whatever' *hær-či del=es e-xo-ø*, *be-l bo-go-ø!*every-thing/what heart=bp.3sg dur-want.prs-3sg, sbjv.let.prs sbjv.say.prs-3sg

'Whatever his/ her heart wants (s/he wants), let him/her say it!'

3. hær-kæs 'everyone'
hær-kæs ne-bu hem-i kar=e e-kon-e
every-person NEG- SBJV.BE.PRS.3SG thus-PROX work=OM DUR-do.PRS-2SG
'(giving the situation) Everybody will do the same thing.'

4. čono-či

čono-či be ti næ-dið-om bi-ø thus-thing to eye NEG-see.pst-1sg be.pst-3sg '(I) had not seen a thing like this with my eyes.'

5.6.4 Reciprocal pronouns

Bakhtiari has one reciprocal pronoun, *yekidiær* 'each other', which is used for all persons. It consists of two parts, yeki 'one' and diær 'other'. It functions as object with an anaphoric reference to the subject. This pronoun takes a direct object marker or preposition depending on their syntactic or semantic role in the sentence.

(118)doðær=o dar-en *jegele yek-i-diær=e* dus girl-and have.prs-3pl each-INDF-other=OM boy love 'The girl and the boy love each other.'

This pronoun has a shorter form, yæk, which usually comes after the prepositions, ba, vaba²⁴² 'with' or ze 'from', as shown below:

- (119)doðær=o *jegele* vaba yæk ræhð-en girl-and boy with each other go.pst-3pl 'The girl and the boy went with each other.'
- (120)doðær=o *jegele* zevæk ræð n-i-bu-n girl-and boy from each other away NEG-DUR-become.SBJV-3PL 'The girl and the boy don't go away from each other.'

5.6.5 Demonstrative pronouns

Bakhtiari basically has two demonstrative pronouns yo 'this', to specify an object near to the speaker, and ho 'that', to refer to a distant object. These pronouns have plural and emphatic forms which are summarized in the table below:

Table 5.8: Demonstrative pronouns

	Near 'this'/'this very thing'	Far 'that'/'that very thing'
Singular	yo/ i	ho/ o
Emphatic	hæm-(i)yo	hæm-ho
	Near 'these'/'these very things'	Far 'those'/'those very things'
Plural	yonõ ^w /yono/yonon	honõ ^w /honon/onõ ^w /ono
Emphatic	hæminõ ^w /hæmino(n)	hæmonon/hæmonõ ^w

^{242.} for an exact function of these prepositions see (5.5.1).

- yono=ne ki ævorð-ø?

 PROX.PL=OM who bring.PST-3SG
 'Who has brought these?'
- ho če xeif=e
 DIST what nice=COP.3sG
 'How nice is that!'
- (124) honon če-n=en?

 DIST.PL what-E=COP.3PL

 'What are those?'

As has been shown in table 5.1, these forms can also be used as third person personal pronoun. There is another form of demonstrative pronouns in Bakhtiari. This compound form consists of an emphatic enclitic particle *hæm* plus the singular or plural form of the demonstrative pronouns:

- (125) *hæm-yo ze ki-n=e?*EMPH-PROX from who(m)-E=COP.2sG

 'Whose is this thing?'
- (126) mo ze hæm-onon e-χο-m
 I from EMPH-DIST.PL DUR-want.PRS-1SG
 'I want some of (exactly) those things.'

It should be noted that the singular form of demonstrative pronouns and their emphatic equivalents are also used as demonstrative adjectives.

(127) hæm-i doðær ze hæme bištær be dærð=om e-χor-e EMPH-PROX girl from all more to pain=BP.1sg DUR-eat.PRS-2sg 'This girl is helping me more than all the others.'

5.6.6 Interrogative pronouns and other question words

To change a sentence into a question form in Bakhtiari, there is a set of interrogative pronouns and several other question words, as discussed in the following sections:

5.6.6.1 ki 'who/whom'

The interrogative pronoun ki is a full pronoun in the sense that it can replace the subject or object of a statement and stand alone in an interrogative sentence:

- (128)ki $d \alpha r f$ -a=n ešošt-ø? who dish-PL=OM wash.pst-3sg 'Who washed the dishes?'
- (129)pil-a=ne be da*ð-i?* ki money-PL=OM whom give.pst-2sg to 'To who(m) did you give money?'

5.6.6.2 če 'what'

če basically behaves like ki, i.e. it can replace both the subject and the object of a statement, in whichever position that they can occur:

(130)

- 1. *če men-e qalome-y=e?* pot-E = COP.3sGwhat in-EZ 'What is in the pot?'
- 2. men-e qalome $\check{c}e-n=e$? pot what-E= COP.3sG in-EZ 'What is in the pot?'

(131)

- 1. če ævorð-i si=m? what bring.PST-2SG for= BP.1SG'What did you bring for me?'
- 2. si=mče ævorð-i? for=BP.1sG what bring.PST-2sG 'What did you bring for me?'

5.6.6.3 *si-če* 'why, for what'

si-če is actually a compound word consisting of the preposition si 'for' and the question word če 'what':

(132)

- si-'če ræhð-i? 1. *pæ to* then you for-what go.PST-2SG 'Then why did you go?'
- 2. si-če ′ræhð-i to pæ? for-what go.PST-2SG you then 'Then why did you go?'
- 3. *si-če* 'to ræh₫-i pæ? for-what you go.pst-2sg then 'Then why did you go?'

5.6.6.4 *kei* 'when'

kei is a temporal adverbial, i.e. is used to ask about the time of an event:

(133) *kei jæng kerð-en?* when fight do.pst-3pl 'When did they fight?'

5.6.6.5 *četæw* 'how'

četæw is an interrogative manner adverb, i.e. it asks how an action happened or was performed:

(134)

1. da=s četæw evei(ǧ)-ø? 2. četæw bi-ø da=s?

mother=BP.3sG how come.PST-3sG how be.PST-3sG mother=BP.3sG

'How did his/her mom come?'

'How was his/her mom/mother?'

5.6.6.6 koye, kōje/koj and ko 'where'

koye 'where' is an interrogative locative adverb, but kōje, with exactly the same meaning, is the Mouri and Babadi tribes version of the same word. Compared with koye, kōje is a step closer to Persian koja. The reason to mention it here is that it is one of the few words in Bakhtiari that contain a long o. It is also one of the characteristic words that distinguish members of these tribes from other Haft Lang speakers. Since these two tribes are very active in trading, this word is often heard in the cities and villages which are the main market places of the Bakhtiaris and is useful to know:

(135)

1. koye ræhǫ́-e biǫ́-i? 2. ræhǫ́-e biǫ́-i koye?

where go.pst-ptcp be.pst-2sg go.pst-ptcp be.pst-2sg where 'Where did you go?'

(135)

ko, on the other hand, seems to be the basic word to ask about location, and it is only used with the copula.

(136) pæ ko-n=e pia=ke? then where-E= COP.3SG man=DEF 'Where is the man?'

It should be noted that this **ko** 'where' should not be confused with **ko** 'which', discussed in the next section:

5.6.6.7 *ko/ko-yeki* 'which, which one'

ko-yek-i=sun=e e-χο-y²⁴³? which-one-INDF=BP.3PL=OM DUR-want.PRS-2sG 'Which one of them do you want?'

5.6.6.8 čæn(d)/ čænde 'how much'

- (138) *čænde* pil dar-i? how much money have.PRS-2sG 'How much money do you have?'
- (139) *čæn-ta* kor dar-i?
 how-NCL²⁴⁴ boy/son have.PRS-2SG
 'How many sons do you have?'

5.7 MODIFIERS

5.7.1 Adjectives

To distinguish a category of adjectives can at times be problematic. The reason is, as Payne (1997:63) puts it; "... there is no semantically definable class of concepts that universally falls into a category that we want to call adjectives; rather adjectives stand 'between' nouns and verbs, lexicalizing properties or characteristics that are indeterminate or variable in terms of time stability" (Payne, 1997: 63). Bakhtiari, however, does have lexical items that express the properties of age, dimension, value, colour, shape, speed and human feelings or physical characteristics, i.e. the properties that a morphosyntactically distinct class of adjectives should be able to convey (examples 138:1-8 below). Nevertheless, there are some other concepts that can only be expressed by constructions which bring the adjectives closer to nouns or verbs (See 6.2 below). Bakhtiari adjectives belong to an open class.

In this section, first the plain attributive adjectives and their morphosyntactic behaviour are described. The degrees of comparison will follow (5.7.1.2).

5.7.1.1 Attributive adjectives

Attributive adjectives come after the head noun and are linked to it in an Ezafe construction (140: 1-8):

^{243.} e- χo -i > e- χo -y

^{244.} Numeral classifier, see 5.7.2.1, example 164-5 below.

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(140) 1. boz-e pir goat-EZ old An old goat' (age)

2. doðær-e bolond=o gæp girl-EZ tall=and big 'The tall and big/ grown up girl'

3. *del-e* $\chi u-v=o$ *hærf-e liš* (value) heart-EZ good-E-and talk-EZ bad 'A nice heart and bad word(s)'

4. *hær-e gæz* (color) donkey-EZ whitish.gray 'A whitish-gray donkey'

5. *siavil-e nit.nit-i* (physical characteristics) mustache-EZ sparse-ATTR 'sparse mustache'

6. sær-e gerð=o ti-a b peg (shape) head-EZ round=and eye-E-PL protruding 'round head and protruding eyes'

7. *kor-e tænbæl* (human propensity) boy-EZ lazy 'A lazy boy'

8. æsp-e tiəz (speed) horse-Ez fast 'A swift hourse'

When the preceding noun ends in a vowel the Ezafe marker drops:

(141) dalu pir oldwoman old 'An oldwoman'

There are, however, rare cases in which the adjective precedes the noun.

(142) χu hærf-i zei jood word-INDF hit.PST-2SG 'That was a good thing that you said.'

The other word class that precedes a noun is the demonstrative adjective:

(143) *i zemin-a*PROX land-PL

'these lands'

(144) *hæm-i* pia-ke
EMPH-PROX man-the
'this very man'

Indefinite adjectives, traditionally, refer to indefinites like *hær*, *hiž*, and *hæmæ*, preceding a noun or a pronoun:

(145)

- 1. *hær* 'every' *hær ru wo hær šæw* 'every day and every night'
- 2. **hiž** 'no, none' hiž χæν**ær-i** ne-bi 'there was no news.'
- 3. **hæmæ/e** 'all' hæme-ferge åðom-i eveiðe bi 'All sorts of people have come.'

Adjectives in Bakhtiari do not take number marking:

(146)

$$1.do$$
 $\not o$, $ext{der}$ - $ext{der}$ $ext{der}$ ex

Quantifiers can only precede the noun or the adjective that they modify, such as *qelili* 'few' and *xeile* 'very' in the example below:

(147) yæ qelil-i ze dor-gæl-o xeile porru va-biəð-en-e one few-INDF from girl-PL-DEF very rude become.PST-3PL=COP.PRS.3SG 'Some of these girls, have become very impudent.'

Furthermore, the adjectives can be modified by adverbs:

To pluralize a noun plus adjective compound, only the last constituent of the compound receives the plural suffix.

(149)

1.
$$ma$$
- ga - $yæ$ l= e $foroh$ $\mathring{\phi}$ - \varnothing 2. dor - $\chio\check{s}ge$ l- a e - vei $\mathring{\phi}$ - en gir l-beautiful- pL DUR -co me . PST - $3PL$ 'S/he sold the female cows.' 'The beautiful girls came.'

Interestingly, in Ezafe constructions, the Ezafe marker drops and the whole compound acts as a single unit²⁴⁵:

- (150) *šir-e særd e-χο-ø* milk-EZ cold DUR-want.PRS-3sG 'S/he wants cold milk.'
- (151) šir-særd-e=ne χærð-ø milk-cold-def=om eat.pst-3sg 'S/he ate/ drank the cold milk.'

The other characteristic of Bakhtiari adjectives is that they can appear as the first element in a compound verb:

(152) sohr-va-bið-en red-pvb-be.pst-inf 'to change colour/ to blush'

Unlike Persian, in Bakhtiari superlative adjectives, too, come after the noun, as will be discussed in the section (5.7.1.2) below.

In practice, there is no special ordering for the sequence of adjectives; the priority depends on the intended semantic emphasis of the speaker:

- (153) 1. yæ jeqele deraz-e laqær-e liš-i vaba=s e-veið-ø a boy long-ez skinny-ez ugly-INDF with=BP.3sg DUR-come.PST-3sg 'An ugly lanky boy has come along with him.'
 - 2. yæ doðær-e xošgel=o espiðð=o teng=o-reng esteið-ø a girl-Ez pretty-CONJ white-CONJ fit-CONJ-quick buy.pst-3sg '(He) married a beautiful, fair, fit and active girl.'

In (153:1), the sequence of adjectives qualify each other, while in (153:2) they are coordinated to qualify the same noun.

5.7.1.2 Comparative and superlative

Adjectives can occur in comparative forms. The suffix *-tær* is employed for comparison, e.g.:

^{245.} Donald Stilo (p.c.): "These are two different constructions. Perhaps there are two constructions in Bakhtiari (like Vafsi): one with an Ezafe linking morpheme and one without, that is, simply juxtaposed. There are many Central Plateau Dialects in the Esfahan area that have no Ezafe. It could even be that the Baxtiari Ezafe (like Vafsi) is borrowed from Persian and is not native to Bakhtiari."

- (154) 1. *gæp/f-tær* big-compr 'bigger'
 - 2. doðær-e gæp/f-tær girl-ez big-compr 'bigger daughter/girl'

The preposition *ze* 'from' is used to link the two objects of comparison:

(155) bæd-bæx-tær ze xo-m, xo-m=om bad-fortune-compr from self-bp.1sg, self-bp.1sg=cop.1sg 'The person less fortunate than me is me!'

For expressing the superlative, the comparative suffix is used in a *from all* + *ADJ-COMPR* construction, as shown below:

- (156) 1. ze hæmæ gæf-tær or gæf-tær ze hæmæ from all big-compr big-compr from all 'the biggest of all'

This construction can also be followed by a pronoun and pronominal suffix:

- (157) doğær ze hæmæ gæp-tær-om=e dağ-om be ši daughter from all big-compr-bp.1sg=om give.pst-1sg to husband 'I gave my eldest daughter in marriage.'
- (158) doğær ze hæmæ gæp-tær-e mo ræhð-ø be ši daughter from all big-compreder me go.pst-3sg to husband 'My eldest daughter got married'

5.7.2 NUMERALS

Numerals also usually precede the noun they modify and show the number of the noun in cardinal and ordinal usage. The ordinal numbers in this role, however, may also appear in an Ezafe construction and following the noun:

(159) 1. čar kor four boy snake-EZ seven head 'four boys' 2. mar-e hæft sær seven head 'A seven-headed snake (a kind of legendary creature)'

In the example below, note the interesting difference in semantics, in the sense that the preposed ordinal selects and the postponed one, modifies the noun:

(160)

1. $\check{s}i\check{s}$ -om-i kor=es 2. kor-e $\check{s}i\check{s}$ -om=es son-EZ six-ORD =BP.3sG 'the sixth son of his' 'his sixth son'

5.7.2.1 Cardinal numbers

Table 5.9 provides a list of the cardinal numbers:

Table 5.9: Cardinal numbers

0 = •	serf	11=11	yāzæ	22 = ۲۲	bis=o do	200 = ۲۰۰	divist
1 = 1	yæk	12=17	duwa:zæ	30 = ₹٠	Si	300 = ٣٠٠	si-sæd
2 = ٢	do	13 = ١٣	sinz(d)æ	31 = ٣١	si=vo yæk	400 = 4	čar-sæd
3 = ٣	se	14 = ۱۴	čardæ	40 = ° ·	čel	500 = 2	pun-sæd
4 = 4	čar	15 = ١٥	punzæ	41 = ۴1	čel=o yæk	600 = 9	šiš-sæd
5 = \Delta	pænj	16 = ١٩	šunz(d)æ	50 = Δ·	pænja(h)	700 = Y••	hæp-sæd
6 = 9	šæš	17 = ۱۲	hæbdæ	60 = ? ·	šæs(t)	1000 = 1 · · ·	hæzar
7 = Y	hæft	18 = ۱۸	hœždæ	70 = Y •	hæf/ptað	1001 = \ \	hæzar=o yæk
8 = V	hæšt	19 = ۱۹	nunzæ	80 = V·	hæšdað	100000 =	sæð-(h) ezar
9 = 9	no	20 = ۲۰	bis(t)	90 = 9 •	nævæð	1000000 =	(yæ) mælyõ ^w
10=1.	dæ	21 = ۲۱	bis yæk	100 = 1	sæd	2000000 =	do mælyõ ^w

Compound numerals are formed by a sequence of numbers, using the enclitic conjunction =(v)o 'and':

(161) 1.
$$\check{c}el=o$$
 $yæk$ 'forty-one' 2. $hæzar=o$ $si-sæð=o$ $hæptað=o$ $sæs$ '1376' 3. $si=vo$ $yæk$ ²⁴⁶ 'thirty one' 4. $pænjah=o$ $sæs$ 'fifty six '

Sometimes, especially during quick counting, the enclitic conjunction can be dropped:

Cardinal numbers precede the modified noun, which is usually in its singular form:

^{246.} si-yo yæk/ do/ se ... can be heard as a Persian effect.

- (163)be $h \alpha e f(t)$ $\check{s}\alpha v=0$ hæf tošmal kar bi-ø seven night-conj work be.pst-3sg seven day Toshmal to 'Toshmal was busy (playing) for seven days and nights.247' When the counted noun is definite, it can pluralized:
- (164) hær do ta ga-yæl-e=sun-e forohð-ø each two class cow-pl-def=bp.3pl-om sell.pst-3sg '(S/he) sold both their cows.'

Notice the use of *hær* as a modifier/ determiner before the compound and also the enclitic use of the personal pronoun =*sun* after it. Example (164) also shows that the whole numeral plus noun (NP), here acts as a direct object of the sentence.

Cardinal numbers, also seen in (164), are usually accompanied by a nominal classifier, the most common of which are $d\tilde{o}^{n}e$ 'grain' for the numeral 'one' and ta 'piece' for numerals above 'one'. Note that $d\tilde{o}^{n}e$ only refers to things while ta is a generic term referring to all animate and inanimate nouns:

- (165) yæ dõwe gerdu, do ta siəv one grain walnut two CLASS apple 'One walnut, two apples.
- (166) do ta tošmal ævorð-en bi-ø two CLASS Toshmal bring.psr-3pl be.psr-3sg 'They have brought two teams of Toshmals (for the ceremony).'

Other classifiers include: *dõ "e* 'grain' for things; *tæn* 'body', *næfær* 'person' and *sær* 'head' for people. The generic term for all animate and inanimate objects is *ta* 'piece'.

A sequence of numbers is used to express the concept of approximation:

(167) hæf hæš dæh ru diyær iya-ø seven eight ten day other come. PRS-3sG '(S/he) will come some seven to ten days later.'

5.7.2.2 Ordinal numbers

Ordinal numbers are made by addition of the suffix **-om** to the cardinal numbers. The first ordinal number, **wvwl** 'first', is taken from Arabic, as well as **axer**

^{247.} Toshmal refers both to the traditional local musicians and their instruments which consists of a drum *dohol* and a wind pipe *saz*; and playing seven days and nights is the ultimate manner of festivities.

'last'. When the number ends in a vowel, the epenthesis of /w/ or /y/ takes place:

- (168) 1. do-v-om or do-y-om 'the second' 2. se-v-om or se-y-om 'the third'
 - In compounds, this suffix is attached to the last word:
- (169) 1. si-y=o šiš-om 'the thirty-sixth'
 2. divist=o šæst=o hæft-om the two hundred and sixty-seventh'

Ordinals follow a noun and play the role of an adjective:

They can also enter into an Ezafe construction:

(171) yo bar-e ævæl=es=e first=bp3sg=cop.3sg 'This is her/his first time.'

5.8 DIVERSE NUMERICAL EXPRESSIONS

There are some words and expressions to denote some fractions of numbers. The frequent use of these terms in everyday life and their significance in the lifestyle of the pastoral-herd breeding nomads justify the following list:

Table 5.10: Diverse numerical expressions

1	(yæ) gæz	'the unit of length equal to almost 100 cm, figuratively it means 'a lot"
2	(yæ) mæn	'the unit of weight equal to 7 kilos, figuratively it means 'very much'
3	belest	'the unit of length equal to the width of hand from the tip of the thumb to the tip of the little finger being wide open (almost 20 cm)'
4	čar ængust	'the unit of length equal to the width of four fingers held together'
5	čaræk	'a quarter'
6	do/se bištær	'twice, triple'
7	dune	'grain'
8	feng/ finge/ finj(e)	'very little amount, as big as the tip of the finger'
9	golo	'a piece; a big piece'
10	golop	'gulp, sip; bite'

11	kot	'some, a few'
12	nesf/nim	'half'
13	nim gæz	'half a 'gæz'
14	orš ⁷	'one tenth'
15	pænjyæk	'one fifth, a term used in the harvesting contracts'
16	pendelake	'very few, tiny'
17	pert/perteke	'a piece, a little bit'
18	perze	'one little piece, a little'
19	por	'very much, full, many'
20	qæleve	'very much'
21	qelil	'sort, type, kind; very little'
22	tælape	'a handful, as big as the palm of the hand'
23	tolom	'a few, a group (of sheep)'
24	yæ tok	'one drop, very little'
25	zorbe	'full, abundant'
26	χ/qæl	'piece'
27	χeile	'very'

These are nouns that may come after the cardinal numbers:

(172)χošali do ze $g \alpha z$ eveið-ø $s \alpha r = o m$ happiness two Gaz come.pst-3sg on=BP.1SG 'I grew taller out of happiness. (lit. from happiness 2 meters came on me!)'

A numerative can modify a noun without the Ezafe marker:

(173)do $q \alpha z$ parče esteið-ø fabric buy.pst-3sg two Gaz 'S/he bought two Gaz (2 meters) of fabric.'

The quantifiers can be accompanied by indefinite markers:

- (174)b=ombe-ў-е yæ χæl ze=spiece from=BP.3sG sbjv-give.prs-2sg to = BP.1sGa 'Give me a tiny piece of it!'
- (175)mardom-a qæleve *bæð fe'l=en* væ qelil-i zei sort-indf from Prox people-PL very much bad manner=cop.3pl 'Some of these people are very misbehaved.'

5.9 ADVERBS

Adverb is considered here as a word that modifies a verb, an adjective, a phrase, a determiner or even another adverb. Some of the adverbs that are used in Bakhtiari are Arabic loans such as, *ævælæn* 'firstly' or *ælænæn* 'openly'. In fact, most of the adverbs in Bakhtiari that correspond to adverbs in other languages are basically either nouns such as *šæw* 'night', or adjectives such as *tazæ* 'fresh, new; right now' or a combination of both, like. Sometimes they are connected by a preposition, e.g. *æftæw-be-zærd* 'lit. sunshine-to-yellow' meaning 'sunset time'. They can also be combined with a participle, as in *æmšæw-goðæštæ* 'lit. this night- the past one' meaning 'last night', and they can build an Ezafe construction with or without the Ezafe marker, *jeng-e zohr* 'middle of the day' (See 178 below).

There are, however, some specific operations for deriving adverbs, such as the addition of the suffix $-\tilde{o}^w$ to a present stem, $wftww-zwn-\tilde{o}^w$ (sunshine-hit.PRS-SUF-FIX) 'early morning', and the reduplication of certain adjectives and nouns with a preposition like ta or an epenthetic vowel -a- in between, $\chi wel-a-\chi wel$ 'in a crooked way', por-ta-por 'full/fully'. Adverbs made by reduplication are generally describing the intensity of an action (See 5.9.2 below). There are also some words that act like a prefix to make compound adverbs of time, such as pwri or pwrir 'two (units of time) ago' as in $pwri-\tilde{s}ww$ 'two nights ago'; or $pio\tilde{s}$ 'ago, before' as in $pio\tilde{s}-pwrir$ 'three days ago' (179) and pws 'later' as in pws-twri 'the day after tomorrow'.

In the following sections, the adverbs are categorized according to their meaning into adverbs of time, manner, direction or location and evidential or epistemic adverbs (Payne, 1995: 69-70).

5.9.1 Adverbs of time

Most of the words used as adverbs of time, are basically nouns and behave like a noun. They can take the plural suffix, the Ezafe marker and they can be accompanied by a preposition or by demonstratives, as shown in the examples below.

- (176) ze soveinum-e zi ta hæm-i dæm-õ^w dašt-im nõ^w e-pohỗ-im from morning-ez early till emph-prox minute-ADV have.pst-1p bread DUR-cook.pst-1pL 'From early morning till just now, we were baking bread.'
- (177) sohv-a vo pesin-õ^w ga-yæl-e bær-e sær-e æw morning-pl and evening-pl cow-pl-om take.prs-3sg head-ez water 'S/he takes cows to the spring/ river in the mornings and in the evenings.'

5.9.1.1 Some expressions related to parts of the day

(178) 1. soveinum/soveinow-zi 'early morning', soveino/sohwow 'morning time', sohm/sohv/sovæh 'morning, tomorrow', sohv-pes-

- in/sohv pesinõ" 'tomorrow evening', sov-tærin 'the day after', pæs-tæri sovæh 'three days later', bengešt-zænõ" 'early morning', pæh-sovæh 'two days later', tarik-sohv 'dawn', æftæw-zænõ" = tile-sohv 'sun-rise time', tazæ 'right now'
- 2. *chast* 'mid-day, around 10 o'clock', *zohr* 'noon', *jeng-e zohr* 'middle of the day', *ruz* 'day'
- 3. o/æftæw-be-zærd/æftæw-nešin/æftæw- dæræw 'sun-set time'
- 4. **bong-e** šæw 'the beginning of the night', šæw 'night', **pæsin** 'evening', **pæsinõ**" 'the evening time', **dæm-tariki** 'the begining of the night'

5.9.1.2 Some expressions related to the calendar

Bakhtiari nomads use their own special terminology, instead of the official names of the months, to refer to different parts of the year, such as:

(180) šæst-om-e bahar 'sixtieth day of the new year (after vernal equinox), when the spring migration starts', čele gæpæ 'forty first days of winter', čele kučire 'twenty days after the big čele', šæš-e dalu 'old woman's six: the first six days of the last month before Noruz', mah-šæhr-i 'Esfand, the last month of the lunar year', čel=o pænj-e tæwestõw 'forty five days after the beginning of summer, the hottest time of the year'

^{248.} The pronunciation of this word with a d at the end was thought to be a Bakhtiari addition to its Persian cognate \check{sanbe} ; but Desmond Durkin Meisterenst informed me that "... the d is just the normal Iranian development from t, as in Hebrew shabat etc. The Manicheans do use the Christian day-names, so there are attestations in Manichaean Middle Persian and parthian, e.g. Middle Persian $vk\check{s}mbd$ and $va\check{s}mbt$, with earlier t and later d (personal correspondence)".

5.9.2 Adverbs of manner

As mentioned above (5.9), many adverbs of manner are made by reduplication of adjectives, nouns or pronouns using **-a-** or the preposition **ta** as a link between the two parts, such as:

(181) $\chi \alpha l - a - \chi \alpha l$ 'in a crooked way', kel - a - kel 'sideways', $\chi o - m - a - \chi o - m$ 'by myself', post - a - post 'on a backside way', por - ta - por 'full, to the brink', $kend - a \ kend$ 'in a sitting position', $\chi \alpha l d - a - \chi \alpha l d$ 'swift'

An aspect of repetition or emphasis underlies in the actions that these adverbs modify.

5.9.3 Adverbs of direction/location

The main adverbs of place are:

(182) bala/roh 'up', dæhō"/læm 'down', ičo'here', očo 'there', zumba (ze-u-ba) 'the other side', daxel/men 'inside, in', birō" 'outside', ziwal(e/æ) 'this side', zowal(e/æ) 'that side'

The last two compounds consist of three words $ze i \ wal(e/ee)$ 'lit.from-prox-side' and $ze u \ wal(e/ee)$ 'lit.from-dist-side' which have undergone some sound changes probably due to frequent use:

(183) mal=sun ziwale biǧ-ø, æman duš ræ-n zowalæ.

camp=BP.3PL this side be.PST-3SG, but yesterday go.PST-3PL that side.

'Their camp was located this side (of the river/valley/spring...), but yesterday they went to that side.'

5.9.4 Evidential/epistemic adverbs

(184) *hadman* 'certainly', *labod* 'probably', *manom* 'I guess', *šayat/šat* 'maybe', *gas* 'possibly'

5.10 CONJUNCTIONS

The associative conjunction 'and' in Bakhtiari is vo and its enclitic form =o as shown in the following examples:

- (185) $\chi_0=m=0$ $\chi_0=t$ vaba-yæk e-r-im self=BP-1sG=CONJ self=BP-2sG together-one go.PRS-1PL 'Me and you, ourselves, will go together.'
- (186) *mæmnevi vo kor eveyð-en*Mamnevi and son come.PST-3PL
 'Mamnevi and son came.'

The following compounds are also used as conjunctions. They are a combination of a noun and the preposition ze plus i as the proximal demonstrative adjective and the subordinating particle ke.

qalb ze i-ke, piš ze i-ke or its contracted form piš zike 'before (lit.before from)':

(187) $pi\check{s}$ -ze i-k $n\tilde{o}^w$ bo- χor -e $zei\check{\phi}$ - \emptyset be dær before-from PROX-REL bread SBJV-eat.PRS -3SG hit.PST-3SG to out '(She) went out before eating food.'

The same combination is possible with some other prepositions like *si*, thus *si i-ke*/ *sike* 'for, for this reason, because of':

(188) $rach \phi - om$ sike del = om $\chi ast - \phi$ go.PST-1SG because heart=BP.1SG want.PST-3SG 'I went, because I wanted to!'

Similarly, $b \alpha z (i-ke)$ 'after' is a compound consisting of prepositions $b \alpha \phi$ 'after' + ze 'from' + i 'this' + the relative pronoun ke 'that':

(189) bæzi-ke ræð-en, ræ-m æw æworð-om after-that go.pst-3pl go.pst-1sg water bring-.pst-1sg 'After they had gone, I went to fetch water.'

CHAPTER SIX VERBAL MORPHOLOGY

6 THE MORPHOLOGY OF THE VERB

The verbal system of Bakhtiari is based on two stems: present and past (6.2), two numbers, three persons and four moods: indicative, subjunctive, imperative and optative (6.6 and 6.7). Various tenses are formed by prefixing Tense-Aspect-Mood markers, henceforth TAM and Person-Agreement Markers, henceforth PAM, suffixed to present or past stems (6.3 and 6.4). The non-finite forms are the past/ passive participle (6.2.1 & 6.9) and the infinitive, which can both be made from the past stem by the addition of the suffix -e/-e to form the participle ($\chi er \mathring{q}_- + -e > \chi er \mathring{q}_e$ 'eaten') and the suffix -en to form the infinitive ($\chi er \mathring{q}_- + -e$ n $> \chi er den$ 'to eat'). The passive voice (6.9) and the causative (6.8) are marked by special formations, but in conjugation they are identical to active verbs.

In the following sections, first the Bakhtiari verbs/ infinitives are classified according to their formal structures (6.1). Then the building blocks of finite verb forms are introduced, beginning by past and present stem formations (6.2), followed by presenting agreement suffixes (6.3) and modal affixes (6.4). A detailed presentation of all verb forms, with their respective tables, will come after these introductory sections.

6.1 THE CLASSIFICATION OF BAKHTIARI VERBS/INFINITIVES

In traditional Iranian grammars, the section on verbs begins with a discussion on different infinitive foms or *mæsdær* 'source, root, exporter', as it is called in Persian.²⁴⁹ I follow this tradition, because in practice, dictionaries list verbs under their infinitive forms and then the present and past stems of each individual verb are mentioned. Therefore, to work with existing dictionaries or word lists, one should be able to first and foremost distinguish different infinitive forms, from which the past stem is easily extracted (6.1.2). Then, by applying the rules to extract present stems from the past stems, it is usually possible to construct all the regular verb forms. Some verb forms, though, are irregular.

^{249.} The name and the tradition is Arabic-based and has been in use from the classical time (Perry 2005:177).

6.1.1 Formal classification

Formally, Bakhtiari verbs can be divided into three major groups: simplex, complex and compound verbs. By simplex verbs I mean one-word plain verbs:

Simplex verbs: 1. ešmarģen 'to count' (اِشماردن) 2. zæhesten 'to become injured, to be beaten' (زَهستن) 3. påhiģen 'to watch' (پُاهيدن) 4. xårniģen 'to scratch' (خارنيدن)

5. χœwniğen 'to put to sleep' (خُونيدن)6. qerevesten 'to cry' (گيروستن)

Complex verbs, on the other hand, are formed by prefixing a directional preverb of adverbial or prepositional origin to the simplex verbs:

Complex verbs: 1. dær-gæšten 'to capsize' (درگشتن)

2. vær-holofniðen 'to worry, becoming upset' (ورهُلُفنيدن)

3. der-ævorðen 'to take out' (בراوردن)

5. vor-dašten 'to pick up' (ورداشتن)

6. va-dašten 'to block; to encourage' (واداشتن)

Compound verbs, however, are mainly two-part verbs, consisting of a non-verbal element (NVE) such as a noun or adjective plus a simplex verb such as *kerðen* 'to do', *våbiðen* 'to become', *zeiðen* 'to hit', *dašten* 'to have', *vænðen* 'to throw', among the most frequent ones:

Noun + verb: 1. seil kerðen > look + to do = 'to look' (سيل کردن)

2. lik zeiðen > scream + to strike = 'to scream, to cry' (ليک زيدن)

3. tiə dašten > eye + to have = 'to expect' (تبيه داشتن)

4. tiə vænðen > eye + to throw = 'to look' (تبيه وندن)

5. *tia wor-dašten* > eye + to pick up = 'to be hit by the evil

(تىپە ۇرداشتن) eye

Adj. + verb: 1. $g \propto p \ v \text{ abi} / \delta e n > \text{big} + \text{to become} = \text{`to grow up'} (گپ و ابيدن),$

2. gæp kerðen > big + to do = 'to raise (children); enlarge

(an item)'(گپ کردن)

It is possible, however, for the NVE of compound verbs to have more than two parts or to be a phrase, in which case the different grammatical parts of speech are grouped in different arrangements:

(190) 1. va-piš vænǧen 'to advance, to have a preterm birth' (to-ahead/fore+throw): preposition – adjective (a phrase) + verb (وا پیش وندن)

```
2. bor=o-band kerǧen 'to slander, to ridicule' (cut – and – paste + do): verbal noun=conj-verbal noun + verb (بُر و بند كردن)
```

```
3. niz<sup>250</sup>=o-naz kerðen 'coquetry, whimpering (of a dog)' (howl – and – coquetry + do): noun = conj-noun + verb (نیز و ناز کردن)
```

This hands-on formal division of verbs, as simple and practical as it may be, does not give us much information about the semantic properties of verb classes or their morpho-syntactic behaviour. In the next section, I turn to the widespread practice in the western scholarship of presenting the verbs in terms of present and past root/stems. This division considers the infinitive form as a non-verbal form, and it identifies the verb stems as the main morpho-semantic part of any finite verb.

6.1.2 Past versus present stem formation

The present and past stems are the basis for conjugation and therefore provide a solid point for classifying verbs. The past stem is more regular and always ends in the post-dental approximant $-\partial_t$ after vowels, /n/ and $/r/^{251}$, and otherwise in -t, as the examples below illustrate. In cases where there is a /h/ in the stem, the /h/ drops and vowel lengthening occurs; hence the appearance of ∂_t at the end of the stem:

```
(191) 1. ezmaið- 'tested' 2. ræht->ræð- 'went' 3. kænð- 'dug' 4. ešmarð- 'counted' 1. bæft- 'weaved' 2. dašt- 'had' 3. rext- 'poured' 4. bæst- 'fastened'
```

The present stem is more complicated and its formation follows different patterns. In the following sections the stems have been divided according to the regularity or irregularity of their formations. A table, consisting of very frequent verbs is provided for each group.

6.1.2.1 Regular formation

In search for a pattern to explain the various past and present stem formations in Bakhtiari, Prods Oktor Skjærvø's description of parthian and Middle Persian verbs (Skjærvø 2009)²⁵² proved to be applicable, since the patterns which he identified at the Middle Iranian stage are still valid for Bakhtiari. In other words, it can be said that in Bakhtiari, as in the Middle Persian and parthian, verbs with past stems end-

250. niz is a short form of the noun nizešt 'howling of pain, sighing and moaning':

```
hæme æmšæw goðæšt-e nizešt=es koš=mõ<sup>w</sup> all tonight pass.pst=ptcp howling=bp.3sg kill.prs=bp.1pl
The whole lastnight, we couldn't sleep because of his/ her/ its howling/ moaning!'
251. The class of phonemes called as [+ sonorant].
```

^{252. &}quot;Verbs with past stem ending in *-ist*, *-īd* (not parthian), or *-ād* (rare in Middle Persian, common in parthian) are 'regular', and the present stem is found by removing these endings, e.g. *dwār-/dwār-ist* 'run'; *purs-īd* 'ask'; *frēst-īd* 'send'; *est-ād* (*ēst-ād*) 'stand' (Skjærvø 2009: 213).

ing in **-est**, $-i\delta$ and $-a\delta$ are regular. In order to form the present stem, it is enough to remove these endings. It should also be noted that there are some regular instances in the group of irregular verbs ending in **-t** and $-\delta$. These regular verbs of the second category follow the pattern of the first regular category, as indicated in below table (numbers 15-18):

Table 6.1: Regular present and past stems

		Regular p	resent and past ste	ems
No.	Infinitive	Past stem	Present stem	Gloss
1	pok-est-en	pok-est-	pok-	to explode
2	ænj-est-en	ænj-est-	ænjeh-	to be cut into pieces
3	baz-est-en	baz-est-	baz-	to dance
4	baz-ið-en	baz-ið-	baz-	to dance
5	burn-ið-en	burn-ið-	burn-	to moo; to low
6	kuz-ið-en	kuz-ið-	kuz-	to chew
7	romb-ið-en	romb-ið-	romb-	to collapse
8	æšn-ið-en	æšn-ið-	æšn-	to listen
9	bahš-ið-en	bahš-ið-	bahš-	to give, to forgive
10	dærgen-ið-en	dærgen-ið-	dærgen-	to turn over
11	feš-n-að-en	feš-n-að	feš-n-	to send
12	ænjen-að-en	ænjen-að-	ænjen-	to cut into pieces
13	ešken-a <i>ģ-e</i> n	ešken- aǧ-	eškæn-	(cause to) break
14	ferešn-að-en	ferešn-að-	ferešn-	to send
15	košt-en	košt-	koš-	to kill
16	eškaf-t-en	eškaf-t-	eškaf-	to split
17	kæn-ð-en	kæn-ð-	kæn-	to dig
18	ešmar-ð-en	ešmar-ð-	ešmar-	to count

For an extensive list of regular present and past stems see Appendix 1.

6.1.2.2 Irregular formation

Verbs with past stems ending in only $-\phi$ or -t are generally irregular and have unpredictable present stems. In example (192), the past stem of some verbs in $-\phi/-t$ is presented, followed by their irregular present stem form:

```
(192) 1. daǧ- / d- 'to give'
2. kerǧ-/ kon- 'to do'
3. dašt-/ dar- 'to have'
4. væst-/ of- 'to fall'
```

These two variants are phonologically conditioned in the sense that $-\phi$ appears after vowels and voiced consonants and -t after the voiceless consonants as illustrated in the above examples (192). Tables 6.2 and 6.3 provide a list of irregular present and past stems in Bakhtiari. The general tendency in these two classes of verbs is that the present stem is not predictable from its past form and it can have a completely different appearance (examples 2, 25 and 38 below). The change, however, is usually limited to a vowel change or the deletion, addition or modification of one or two phonemes:

Table 6.2: Irregular present stems of past stems ending in -∂

	Past stems ending in -ð with irregular present stems			
No.	Past stem	Present stem	Gloss	
1	æšnæhð-	æšn-	to know, to recognize	
2	æworð-	ar-	to bring	
3	behð-	biz-	to sieve	
3 4 5	biəð-	heð-	to be	
5	borð-	bær-	to carry, to take	
6	dað-	d-	to give	
7	esteið-	estun-	to take, to buy	
8	eveið-	a-	to come	
9	gerehð-	ger-	to grab, to buy, to take	
10	kerð-	kon-	to do	
11	morð-	mir-	to die	
12	pohŏ-	pæz-	to cook	
13	ræhð-	re/æv-/r-	to go	
14	ronŏ-	run-	to drive; to push	
15	zeið-	zæn-	to beat, to hit	
16	χærð-	χor-/ χær-	to eat	

There is a small minority, as mentioned earlier, that have regular formations. To form their present stem, it is enough to drop the last phoneme $(-t \text{ or } -\mathbf{0})$ from the past stem:

```
(193) 1. \alpha r \delta > \alpha r 'to grind, to mill'
2. e \check{s} k a r \check{\delta} > e \check{s} k a r 'to thank'
3. e \check{s} m a r \check{\delta} > e \check{s} m a r 'to count'
4. e \check{k} \alpha r \check{\delta} 'to dig; plough; migrate; attack; loot; abort'
```

As stated above, when the penultimate phoneme of the past stem is s/\sqrt{s} , s/\sqrt{s} or f/\sqrt{s} , then it will end in f/\sqrt{s} as illustrated in the below table:

Table 6.3: Irregular present stems of past stems ending in -t

	Irregular Past stems ending in -t			
No.	Past stem	Present stem	Gloss	
21	bæst-	bænd-	to close, to fasten	
22	dær-gæšt-	dær.gæn-	to capside, to become upside down	
23	dašt-	dar-	to have	
24	duχt-	duz-	to sew	
25	ešnaxt-	æšn-	to know, to recognize	
26	gæšt-	gærð-	to search; to roam	
27	gæšt-	gærð-	to turn; to inherit	
28	gæšt-	gæz-	to bite	
29	kešt-	kar-	to grow, to plant	
30	koft-	kuv-	to beat, to pound; to play the drum	
31	mest-	miz-	to urinate	
32	nešæst-	nešin-	to sit	
33	nevešt-	nivis-	to write	
34	reχt-	riz-	to pour	
35	roft-	ruv-	to sweep	
36	šošt-	šur-	to wash	
37	va-dašt-	va-dar-	to keep, to stop	
38	væst-	of-	to fall	

Among the regular past to present stem formations with this ending are:

(194) 1.
$$b \alpha f t$$
 > $b \alpha f$ 'to knit' 2. $ko \delta t$ 'to kill'

The stems presented in tables 6.1, 6.2 and 6.3 will provide the basis upon which diverse tenses can be constructed. These stems can further be combined with some preverbs to form complex or preverbal verbs (6.1) with extended or completely different meanings; or they may be grouped as a compound verb with other verbs, nouns, adjectives, adverbs or a combination of non-verbal elements to convey semantics not predictable from the building parts; or eventually be affixed by different aspect, mood and agreement prefixes and suffixes to express different TAM forms. To begin the presentation of the finite verb, one has to know its building blocks. These will be introduced in the following sections, beginning with a discussion of the participles, the incorporation of which is essential in the formation of several finite verbs.

6.2 PARTICIPLES

participles can be considered as gerundives and as such are non-finite verbal forms, that is, they behave like an adjective or an adverb. There are two main forms of participles, one based on the past stem, and the other based on the present stem; each has its own structure and function which are explained in the following two sections

6.2.1 Past participle

The past participle is used for making passives (6.9) and certain tenses (6.6.2). It is formed by attaching an unstressed suffix -e or by -e (the latter is used by elderly Bakhtiaris or in certain tribal varieties of the language) to the end of the past stem. The resulting form has an adjectival meaning. In (194:1) the past participle is used to make a perfect subjunctive tense, while in (194:2) it is a verbal adjective with a passive meaning:

Although the (194:1) and (194:2) look the same im their surface structure, they are in fact quite different in their underlying structure and represent two totally different grammatical structures: the former is a Perfect Subjunctive form (an analytic tense paradigm) of an intran-sitive verb in 195.1. On the other hand, in 194.2 we have an independent copula (not an AUX) and the participle is used adjectivally. Note that the two forms, although identical on the surface, have contrasting meanings 'It must have ripened.' vs. 'It must be ripe.'

6.2.2 Present participle

The present participle is formed by attaching a stressed suffix -a to the present stem. It modifies its preceding noun in an Ezafe construction and conveys the meaning of 'having the habit of doing something':

```
(196) 1. yo kend-e nešin-a næ-dar-e this bottom-ez sit.prs-prs.ptcp neg-have.prs-3sg 'S/he cannot sit! (lit. She doesn't have a sitting bottom!<sup>253</sup>)'
```

^{253.} This expression is used in reference to people who are always active and busy with something.

There is another way of making a present participle in Bakhtiari, and that is by using the suffix $-\tilde{\sigma}^{\nu}$, comparable to Persian -an, suffixed to the present stem. This participle, combined with the preceding noun has an adverbial sense expressing the way in which an action is performed:

```
(197) gale zæn-õ<sup>w</sup> e-veið-en
shout hit.prs-prs.ptcp ind-come.pst-3pL
'They came, shouting (and rejoicing)!'
```

6.3 AGREEMENT

6.3.1 Agreement suffixes

A set of six Person Agreement Markers (PAM) attach to a verb to indicate person and number. These suffixes are the same for the present and past tense, except for the third person singular where the suffix is zero in the past. Table 6.4 shows these suffixes in three persons and two numbers:

Table 6.4: Agreement suffixes

	Singular	Plural		
Present-tense verbs				
1st	-om	-im		
2nd	-i	-in		
3rd	-е	-en		
Past-tense verbs				
1st	-om	-im		
2nd	- <i>i</i>	-in		
3rd	-ø	-en		

Since Bakhtiari is a pro-drop language (hence the subject pronouns can be omitted), these endings are crucial for distinguishing the subject of an intransitive and the agent of a transitive verb:

^{254.} In other words, 'She is not a marrying type of girl!'

(199) 1.
$$k @w \& -a = m = e$$
 $k @n \& -om$ 2. $k @w \& -a = m = e k @n \& -om$ shoe-pl=Bp.1sg=om take out.pst-3sg '(I) took my shoes off.' '(S/he) took my shoes off.'

The pronominal enclitics (table 6.4. above) can also be suffixed to a finite verb, but only after the agreement suffixes, as can be seen in the following examples:

```
(200)
          1. kænð-om=sun
          take out.pst-1sg=3pl
          '(I) took them off.'
          2. kor-e-ke
                           n-i-l-e
                                                     be-xæws-om
          bov-def-def
                          NEG-DUR-let.PRS-3SG
                                                    SBJV-sleep.PRS-1SG
          'The boy doesn't let me sleep.'
          3. kor-e-ke
                           n-i-l=om
                                                    be-xæws-om
          boy-def-def
                          NEG-DUR-let.PRS=BP.1SG
                                                    SBJV-sleep.PRS-1SG
```

6.3.2 Copula enclitics past and present

'The boy doesn't let me sleep.'

The substantive meaning 'to be' of the copula is usually expressed by means of enclitics that attach to the end of a noun, a pronoun or an adjective. These *enclitics* are identical in form to the present tense agreement suffixes mentioned above (Table 6.4), except for the fact that when attached to vowel-final words, an excrescent epenthetic consonant *-n-*, *-h-* or *-y-* (E), appears to prevent hiatus (200:1-9), below:

Table 6.5: Copula enclitics

	Singular	Plural
1p	=om, =m	=im
2p	=i	=in
3p	=e	=en

Note that the first person singular enclitic copula is not to be mistaken with the enclitic possessive pronoun equivalent since they coincidentally look alike, while in other persons they are distinct; examples: $do\phi er=om$ 'my daughter'; $do\phi er=et$ 'your daughter'

- 4. *ima χæste(-h)=im* we tired=cop.1pL 'We are tired.'
- 7. ba ima-n=in? with us-E=COP.2PL 'Are you talking to us?!'
- 5. åðom=in? human=cop.2pL 'Are you human?!'
- 8. šæ-h=i black-E=COP.2sG 'You are black.'
- 6. ono lor=en they Lor=cop.3pL 'They are Lors/ nomads.'
- 9. hæmule-y=om
 Hamule-E=COP.1sG
 'I am from Hamule tribe.'

The epenthesis of the glide -y- is expected, but why do -n- or -h- show up in these contexts? They seem to be epenthetic but their existence may have a diachronic explanation. With copula verbs, -h- usually appears before the verb ending. Since in the Middle Persian the copula is attested as h- [HWE-] (MacKenzie 1971: 39) and in Modern Persian the infinitive form of copula is hæstæn²⁵⁵ with the paradigm (sg. hæst-æm, hæst-i, hæst- ø; pl. hæst-im, hæst-id, hæst-ænd), therefore, it may be more reasonable to consider -h- in this situations not as an epenthesis, but as the reappearance of a pre-existing phoneme. Comparing examples (200: 4, 200: 8) with (200: 9), however, reveals another behavior of the copula, i.e. it seems that -h- appears only to prevent a hiatus between a [- high] and a [+high] vowels, but in the case of a [- high] and a [-high] context, the epenthesis of the glide (-y-) is what happens. As for -n-, it will be called an epenthesis here, until further investigation reveals its true reality.

The two columns in (202: 1-2) are presented for further clarification of the usage of these clitics and suffixex:

```
(202)
          1. Enclitic copular forms
                                                   2. Suffixal Person Agreement Markers
                                                                         '(I) eat.'
             doð ær=om
                             'I am a girl.'
                                                       e-yor-om
                                                       e-χor-i
             doð ær=i
                             'You a girl.'
                                                                         '(You) eat.'
             doð ær=e
                             'S/he is a girl.'
                                                      e-χor-e
                                                                         '(S/he) eats.'
                             'We are girls.'
                                                                         '(We) eat.'
             doð ær=im
                                                       e-xor-im
             doð ær=in
                             'You are girls.'
                                                                         '(You) eat.'
                                                      e-xor-in
                             'They are girls.'
             doð ær=en
                                                                         '(They) eat.'
                                                       e-xor-e
```

Note that the first person singular enclitic copula is not to be mistaken with the *pronominal enclitic* equivalent (table 5-6 above) since they coincidentally look alike, while in other per- sons they are distinct; examples: $do\phi \ \alpha r = om$ 'my daughter'; $do\phi \ \alpha r = et$ 'your daughter'

^{255.} The other manifestation of the verb copula is the verb budæn.

6.4 MODAL AFFIXES

To be able to build some of the finite verbs, two verbal prefixes are required:

6.4.1 Prefix *e-/i-*

To add a durative value to a verb, the prefix *e*- or *i*- attaches to the present and past stems of the verb in the present or imperfect paradigms respectively, but it can be easily omitted from the present verb, without affecting its semantics:

(203) 1. e-dun-om/dun-om 2. e-vær-gærð -om 3. e-vær-gærð -om

DUR-know.prs-1sG DUR-prf-return.prs-1sG DUR-eat.return.pst-1sG

'(I) know.' (I) will come back.' (I) was eating.'

As we see from the above example (203:2), the present tense can also indicate the near future. Also, example (203:2) shows that this prefix precedes the preverb in the complex verbs. In the compound verbs, however, it can only attach to the verbal element, as illustrated in the following examples:

- - 2. ima-n=æm hævær e-kon-en we-E=too news DUR-do.PRS-3PL 'They will inform/ call us, too.'

The prefix *i*- is used more frequently before stems beginning with a low vowel; i.e. $/\alpha$ / or $/\alpha$ / such as:

```
(205) 1. æšn-om >i-æšn-om/ i(y)æšn-om 'I hear.'
2. i(y)-a-m 'I (will) come.'
3. ærz-e/ i(y)-ærz-e 'It is worth it.'
4. i(y)-ær-e-sun 'He will sift them.'
```

In addition, *i*- is more frequent in dialects closer to Southern Lori.

When combined with the negation prefix *næ*- it will result in the form *n-i*- as in: *n-i(y)-æšn-om* 'I don't hear' or *n-i(y)-a-m* 'I don't won't come.'

^{256.} In Bakhtiari this form is the only occurrence of the Old Iranian root *man- 'to think, consider' as described in (Cheung, 2007: 262).

^{257.} væn-e va piš is another possible form of this utterance which is as frequent.

6.4.2 Prefix bV-

6.4.2.1 Subjunctive

To express the subjunctive mood, the prefix bV- is added to the present stem and the vowel of this prefix may assimilate to the phonological requirements of the following stem, as illustrated in below examples:

- (206) 1. va be-kæn-om must sbjv-dig.prs-1sg 'I must dig (it).'
 - 2. *vaske* be-kerð-om must.pst sbjv-do.pst-1sg '(I) should have done it.'
 - 3. e- χ o-m be-stun-om=es
 DUR-want.PRS-1SG
 'I want to buy it.'
 be-stun-om=es
 SBJV-buy.PRS-1SG=BP.3SG
 - 4. $\chi ast-om$ bo- $\chi un-om=es$ sBJV-read.PRS-1SG=BP.3SG 'I wanted to read it.'
 - 5. *ni-xast-om* bo-koš-om=es

 NEG-want.PST-1SG SBJV-kill.PRS-1SG=BP.3SG
 'I didn't want to kill her/ him/ it.'
 - 6. kaš bi-(y)-å-he
 wish sbJv-come.PRS-3sG
 'I wish he comes.'
 - 7. bi-mir-om si=t
 SBJV-die.PRS-1SG for =BP.2SG
 'Wish I could die for you!'²⁵⁸
 - 8. *va bi-vin-i*²⁵⁹ must sBJV-see.PRS-2sG 'You should see!'

^{258.} An expression to show sympathy in pain or loss!

^{259.} Notice the change of consonant |v| > |b| in this example: bin-> vin-.

6.4.2.2 Imperative

In Bakhtiari the imperative verbs have two constructions. Only one form is constructed by the use of the same subjunctive prefix be- that attaches to a present stem (For the second form and more discussion on Imperatives, see 6.6.1.2.2 below). Both constructions address only the second person, in its singular and plural forms. To address the second person plural, the inflectional ending -in will be needed. As in the case of the subjunctive marker, here also the prefix will assimilate to the vowel of the present stem, as illustrated in the examples below:

```
(207)
           1. be-teng
             SBJV-jump.PRS.2SG
             'Jump! (Dance!)'
           2. bo-xor-in
             SBJV-eat.PRS-2PL
             'Eat! (you all)'
```

In cases where the stem has a lexical preverb, the subjunctive is not licensed:

```
(208)
          1. vor-i
            PRV-stand.PRS.2SG
             'Stand up!'
```

- 2. vor-dar PRV-have.PRS.2SG 'Take!; Go away!'
- 3. vor-gærd PRV-turn.PRS.2SG 'Come back!'
- 4. der-ar=esPRV-bring.PRS.2SG=BP.3SG 'Take it out!'
- 5. vor-ar=esPRV-bring.PRS.2SG=BP.3SG 'Build it up!'
- 6. vo-lah=esPRV-massage.PRS.2SG=BP.3SG 'Massage it!'
- 7. $d \alpha r g \alpha n = e s$ PRV-turn over.PRS.2SG=BP.3SG 'Turn it over!'

6.4.3 Progressive particle ono

This progressive particle (PROG) resembles the third plural personal pronoun (table:5.2. above) and has other manifestations such as: *hono*, *hone* or *ono*. At this stage of the research I cannot pinpoint the geographical distribution of these forms. In general, they are used with the durative paradigms to express the imminence or progress of an action:

```
(209) 1. hono i(y)-a-m

PROG DUR-come.PRS-1SG
'I am coming.'

2. ono i(y)-oft-e

PROG DUR-fall.PRS-3SG
'It is falling (going to fall).'
```

Ono can only precede a present verb.

6.4.4 Repetition particle hey

The repetition particle (REP), as the name signifies, is used to express a repetitive action. It precedes durative and imperative verbs, as illustrated in the following examples:

```
(210)
          1. si
                     \chi_0 = S
                                      hev
                                                e-r-e,
                                                                 ni-vast-e
            for
                  SELF=BP.3SG
                                      REP
                                              DUR-go.prs -3sg Neg-stop.prs-3sg
             '(S/he) keeps going (for herself), does not stop!'
          2. hev
                            vola-h=es
                         massage.PRS-E = BP.3SG
             REP
             'Keep massaging it!'
```

If used simultaneously with the progressive particle *ono*, the ongoing action will be emphasized:

```
(211) diģ-om=es ono hey (e-)giriv-e! see.psr-1sg=bp.3sg prog rep (DUR-)cry.prs-3sg '(I) saw him/ her crying and crying!'
```

Unlike *ono*, *hey* can be used with a past verb showing ongoing action in the past:

```
(212) ræhð-om tey=s, hey e-giriv-est go.PST-1SG to=BP.3SG REP DUR-cry.PST.3SG 'I went to her, she was crying and crying!'
```

6.4.5 Optative affixes

The optative mood is used to express a wish, a lament, and most of all, a curse. It is based on two stems, present and past, and two affixes are used to form it. The suffix -a attaches to the end of a present stem to express a desire or a wish to be fulfilled in the present or the future. It can optionally be followed by another suffix -e, in which case an epenthetic phoneme will appear between these two suffixes:

- (213)kon-a-h²⁶⁰-e/kon-a-v-e χοða *pir=et* (a wish) old=BP.2SG do.prs-opt-E-opt god 'May god make you old! (May you have a long life!)'
- (214)row-a(-h-e)/row-a(-v-e) (blasphemous utterance) χοða be kul=et god on back= BP.2SG go.PRS-OPT(-E-OPT) 'May you carry god on your back! (May God come down from its Omnipotent status!)'

The use of the second suffix in this context seems, in my opinion, to be more euphonic or expressive than structural. In other words, to extend an optative verb with suffixing another vowel to it, can be interpreted as a phonetic tool, phonesthesia or phonosemantics²⁶¹ that helps the speakers to release more emotions both at the times of anger and rage or when expressing a desire or hope! Yarshater's²⁶² mentioning of a similar phenomenon in some Southern Tati languages indicates the probability of the existence of possible phonosemantic element in some Iranian languages.

To express the optative mood in the past, however, only the second suffix, -e, functions as the optative marker in combination with a past subjunctive verb as shown in (215) below:

(215)χοξεν χοδey barõ^w be-zeið-i-e oh god, oh god rain SBJV-hit.PST-2SG-OPT 'Pray to God, would that you poured some rain!'

For a thorough discussion on optative verbs in Bakhtiari see 6.7 below.

^{260.} Because the epenthetic phonemes -h- and -y- can be used here interchangeably, the choice between the two seems dialectal to me.

^{261.} It refers to the idea that vocal sounds or phonemes carry meaning in and of themselves.

^{262.} Yarshater (1969: 212-213 § 298) talks about the existence of a *Euphonic -a/-e* as 'an unstressed front vowel that frequently occurs suffixed to the endings of ...' some verbs. He believes: 'No clear rule can be derived from the available material for the occurrence of this -a/-e. When it occurs, it seems to be preferred rather than necessary.'

6.5 COPULA AND OTHER USES OF 'to be'

Since a conjugated form of the copula is required for the formation of several other tenses and constructions, and since the copula itself has different manifestations, we now turn to discuss different forms of the copula. There are two infinitives $he\check{\phi}-en$ 'to be, to exist' and $bio\check{\phi}-en$ 'to be, to become' that serve as a copula in different tenses.

6.5.1 Present forms of the copula

The substantive meaning 'to be' is expressed in two ways in the present tense:independently or as a set of enclitics as explained separately below (6.5.1.2):

6.5.1.1 Independent forms of the copula

Table 6.6 shows the present indicative of the copula as independent forms. Pragmatically, these forms are very rare and they can only be heard as an emphatic expression of presence or existence, as shown in (216) below:

(216)	bak-e=t	ne-bu,	$\chi o=m$	heð-om	zæft=et
	e-kon-om				
	fear-EZ=BP.2SG	NEG-be.SBJV.2SG	self=BP.1sG	be.prs-1sg	nursing=BP.2SG
	DUR=do.PRS-1SG				
	'Don't worry. I.	myself, am here to	take care of v	vou.'	

Table 6.6: Independent forms of the PRS.COP

'I am', etc.	Singular	Plural
1st	heð-om	heð-im
2nd	he <i>ð-i</i>	heð-in
3rd	heð-ø	heð-en

The negative form of both this verb and the enclitic form below is **niao**.:

6.5.2 Present subjunctive of the copula

Present subjunctive forms of copula are used to express a counterfactual meaning (218 below). These forms never receive the prefix bV-.

Table 6.7: PRS.SBJV.COP.

'M	'May I be', etc.				
1s	bu-om/bu-m				
2s	bu(w)- i				
3s	bu-ø				
1p	bu(w)-im				
2p	bu(w)-in				
3p	bu(w)-en/bu-n				

(218) vaske ta hala mord-e bu-m ze tærs must.pst till now die.pst.3sg-ptcp be.sbjv-1sg from fear 'I should have been dead by now, out of fear.'

The paradigm in (table 6.7.) which represents the present subjunctive of the copula $bia\dot{\phi}$ -en 'to be', is structurally the same as the present optative of the copula to be discussed in (6.7.1) below:

(219) χοὄey hæm-o-čo bu-om, hæm-so ke ze ræh i-ya-he oh god EMPH-DIST-there be.SBJV-1sg EMPH-then that from road DUR-come.PRS.3sg 'Pray to God, wish I'll be right there, right at the time when he arrives!'

The other verb that can be used in this context is *vabiao-en* 'to become', with the paradigm shown in (220):

(220) sg: va-bu-om; va-bu-i; va-bu-ø pl: va-bu-im; va-bu-in; va-bu-n

6.5.3 Preterite of the copula

The preterite is used regularly as an independent verb as well as the auxiliary verb in forming various tenses. This form does not admit the durative prefix e-/ -i.

Table 6.8: PST.IND.COP.

1s biəð-om/bi-m 2s biəð-i 3s biəð-ø/bi-ø 1p biəð-im 2p biəð-in 3p biəð-an/bi-n	'I was', etc.	
3s biəð-ø/bi-ø 1p biəð-im 2p biəð-in	1s	biəǧ-om/ bi-m
1p biəǧ-im 2p biəǧ-in	2s	biə ð-i
2p biəð-in	3s	biəð̞-ø/ bi-ø
* '	1p	biəğ-im
3n hisǎ on/hi n	2p	biə ð-in
эр <i>отаф-еп/ от-п</i>	3p	biəð-en/bi-n

Note the short form of the first person singular and the third person singular and plural. The negative form of the above verbs would be ne-biəð-om/-i/-ø/, etc.

6.5.4 Present perfect of the copula

This form is peculiar in the sense that, to form the present perfect, the past participle suffix does not attach to the past stem, as expected, but instead it is affixed to the finite past simple form of the verb:

Table 6.9: PRS. PRF.COP.

'I have been', etc.	
1s	biəǧ-om=e
2s	biəǧ-i=e
3s	biəð≡e
1p	biəǧ-im=e
2p	biə ǧ- in=e
3p	bi∂-en=e / bi-n=e

6.5.5 Past perfect of copula

These forms and the past perfect of other verbs in Bakhtiari (6.6.3.2) can be considered as an irregular construction, since it is the main verb that is conjugated and the auxiliary verb remains the same:

Table 6.10: PST.PRF.COP.

'I had been', etc.	
1s	biəð-om bi
2s	biəð-i bi
3s	biəð-e bi
1p	biəğ-im bi
2p	biəð-in bi
3p	biə <i></i> ğ-en bi

To negate this construction, the language uses ne-biəð-om bi, ne-biəð-i bi, etc

6.6 FINITE VERBS

To form various tenses, Bakhtiari employs two stems, the present and the past stem, as described above, and the set of PAM suffixes presented in (6.3.1). The present and the past stems are used both as the basis for the formation of durative paradigm, subjunctive, and optative moods and to express the perfective, imperfective and progressive aspects. There is no difference in the behavior of transitive and intransitive verbs in the past tense (see example 246 below). In the following sections, first different tenses which are made based on the present stem will be presented (6.6.1); some peculiar formations will conclude the present tense section (6.6.1.4). Tenses based on the past stem will follow (6.6.2). The perfect forms will be presented in (6.6.3) and forms with progressive aspect will be discussed in (6.6.4). The tenses mentioned above tenses will be illustrated in the form of paradigms, tables, and carefully chosen example sentences that can portray, to some extent, the context and pragmatics of the language.

6.6.1 Forms based on the present stem

Finite verbs based on the present stem, can express actions or states in the indicative, subjunctive, imperative and optative. The present indicative can also be employed to express an action which refers to the future or near future (225 below).

6.6.1.1 Present indicative

The present indicative is formed by adding the durative prefix e- (or i- in some southern dialects) to the present stem of the verb, followed by the appropriate PAM suffixes. Below are the present indicative forms of the verb *dunestæn* 'to know' and *qirivesten* 'to cry':

Table 6.11: PRS, IND.

'I know', etc. 'I cry', etc.		
1s	e-dun-om	e-giriv-om
2s	e-dun-i	e-giriv-i
3s	e-dun-e	e-giriv-e
1p	e-dun-im	e-giriv-im
2p	e-dun-in	e-giriv-in
3p	e-dun-en	e-giriv-en

Verbs in this form can be used to express habitual situations (221), a routine or even a job or profession (222) and also an action which is in the process or going to happen very soon (223):

- (221) hemiše e-hænd-e! always DUR-smile.PRS-3SG 'S/he is always smiling!'
- (222) *e-r-om mæ:rese/ danešga*DUR-go.PRS-1sG school/ university

 'I attend the school/ university. (i.e., I'm a student.)'
- (223) taze exp(x) = exp(x)

6.6.1.2 Present subjunctive

The present subjunctive is formed by adding the prefix be- to the present stem, followed by the appropriate person-number endings. It is noteworthy, however, that as explained above 6.4.2.1), the vowel of the subjunctive prefix may undergo some phonological assimilation to the following vowel of the present stem, such as the change of be- > bo- in the second column below:

Table 6.12: Pres. subj.

'I may beat', etc.	'I may eat', etc.
1s be-zæn-om	bo-xor-om
2s be-zæn-i	bo-χor-i
3s be-zæn-e	bo-χοr-e
1p be-zæn-im 2p be-zæn-in	bo-χor-im bo-χor-in
3p be-zæn-en	bo-χοr-en
T	//

The present subjunctive, apart from its typical usage to express hypothetical situations, can also be used for wishful statements:

(224) hala $\chi uv = e$ če bo-kon-om? now good=is what SBJV-do.PRS-1SG 'What should I do now?! (What is good to do now?!)'

It can also be used after modals, expressing obligation, permission and ability:

(225) diye va be-rev-im (obligation) further/ next must SBJV-go.PRS-1PL 'Now, we must go.'

- (226) *e-l-in be-rev-om*²⁶³? (*permission*)

 DUR-let.PRS-2PL SBJV-go.PRS-1PL

 'Do you let me go?'
- (227) del=om $e-\chi o$ $bo-\chi or-om=es$ (aspiration) heart=BP.1sG DUR-want.PRS.3sG SBJV-eat.PRS-1sG=BP.3sG 'My heart wants to eat it.
- (228) $\chi o = mun$ ter-im be-vin-im (ability) self=1pL can-1pL SBJV-see.PRS-1pL 'We, ourselves, can see (it).'

6.6.1.2.1 Modality constructions

There are three verbs in Bakhtiari that act as modal verbs, expressing different functions such as ability, desire, permission and obligation. These verbs are: tweesten 'to be able'; lešten/ nahaðen 'to permit/ to let'; xasten 'to want'. They are used before a subjunctive verb and both verbs will be inflected as shown in the examples below:

- (229) ter-i be-zæn-i=s?
 can.prs-2sg sbJV-hit.prs-2sg=bp.3sg
 'Can you hit him?'
- (230) χast -en $b\alpha \check{c}i$ -y αl =e bu-(v) αr -en want.PST-3PL kid-PL=OM SBJV-take.PRS-3PL 'They wanted to take the kids.'

To express obligation, Bakhtiari usually uses *va* (mostly in present sentences) or *vaske*, (mostly to express an obligation in the past) which can be considered as an impersonal verb with only 3rd singular forms; they do, however, get the negative prefix *næ*-:

- (231) 1. va be-r-om 2. næ-va be-r-om should sbjv-go.prs-1sg 'I should go.' 1 should not go.' sbjv-go.prs-1sg
- (232) 1. vaske be-ræhð-im should sbjv-go.pst-1pl 'We should have gone.' 2. næ-vaske be-ræhð-im
 NEG-should sbjv-go.pst-1pl
 'We should have not gone.'

6.6.1.2.2 Imperative

The imperative forms in Bakhtiari address the second person singular and plu-

^{263.} The other form of this utterance can be: e-l-in=om be-rev-om?

ral. To form an imperative verb, the subjunctive prefix *be*- will attach to a present stem and no verbal ending is used. To address the second person plural, the ending *-in* will be needed. As with the case of subjunctive marker, here also the prefix will assimilate to the vowel of the present stem, as illustrated in the examples below:

```
(233) 1. be-teng! 2. bo-xor-in SBJV-eat.PRS-2PL 'Jump! (Dance!)' 'Eat! (you all)'
```

When a simple verb starts with /w/, the imperative/ subjunctive prefix usually drops:

```
(234) 1. vola-h=es! 2. væn=esun drop.prs=bp.3pl 'Massage it!' 'Drop them!'
```

With preverbal verbs, the subjunctive/ imperative prefix usually drops, it can, however, remain and be used for emphasis as in (235: 3) below:

```
(235) 1. va vor-dar=es
must prv-have.prs=bp.3sg
'(S/he) should take it!'
```

```
2. der-ar=es
PRV-bring.PRS=BP.3SG
'Bring it out!'
```

```
3. be-der-ar=es
SBJV-PRV-bring.PRS=BP.3SG
'Bring it out!'
```

```
(236) g @ p = e t = e vor-ar, ki \check{c}ir = e t vor-avor \check{o}_{-}e (Davari 1965: 9) big=bp.2sg=om sbjv.prv-bring.prs little=bp.2sg prv-bring.pst-ptcp/cop.3sg 'Bring up your elder child properly, your little one will certainly be well-behaved! (A proverb)'
```

The following example is an illustration of the vowel change of the stem /zen/ > /zen/, which is assimilated to the following morpheme /-i-/, and the corresponding assimilation of /ne-/ > /ne-/. The place of an object pronoun is also shown in this construction:

Sometimes a short form of the imperative verb, i.e. the nominal part of a compound verb, is enough to convey a command:

(238) 1. dong mæ-ð-e sound NEG-give.PRS-2SG 'Don't talk!' 'Don't talk/ Shut up!'

2. be-ræw daxel! > daxel!

SBJV-go.PRS-2SG inside 'Go inside (the room/ house)!' 'Inside!'

Pragmatically, swear words (curses) can also be used as a prohibitive command:

(239) *koh-mir!*mountain-die.prs.2sg
'Lit.Mountain death/ May you die in the mountains!', but pragmatically: 'Shut up!'

Another form, the first person plural imperative, is also possible. Examples are:

(240) 1. be-r-im 2. bo-χor-im 3. be-šur-im sbjv-go.prs-1pl 'Let's go!' 'Let's eat!' sbjv-wash.prs-1pl 'Let's wash!'

There are some irregular imperative verbs, the construction of which does not follow the norm:

(241) 1.eveiðen > bi-yæw! bi-yo-h=in!
'Come!' 'You all come!'

2. lešten > biə-l/be-h-l! biə-l-in/be-h-l-in!
'Let (it be)!' 'Allow (you all)!'

3. nahaðen > ben/ben=e! (no plural form is used!)
'Put!'

To negate an imperative, the prohibitive prefixes $n\alpha$ -/ $m\alpha$ - are used (242), and will be explained in more detail below in (6.10):

(242) 1. mæ-χοr 2. mæ-r-in

NEG-eat.PRS.2SG NEG-go.PRS-2PL

'Don't eat!' 'Don't go! (you all)'

6.6.1.3 Peculiar present tense forms

The present tense of some verbs: $random{n}{den}$ 'to go'; $\chi arden$ 'to eat'; goden 'to say'; diden 'to see'; nahaden 'to put'; leden 'to let, to permit'; $\chi asten$ 'to want' and daden 'to give' shows some irregularity in its indicative and subjunctive forms and therefore require special attention here. To limit the size of this section, only one

of these verbs (*ræhðen* 'to go') will be fully presented here, whereas some forms of the other verbs are included in examples (245, 1-7). The normal indicative paradigm of 'to go' is presented in table (6.14). In actual speech, the present stem can be minimized to a single consonant (second column of the table); furthermore, the modal prefix can also be omitted (third column below):

Table 6.13: Peculiar present tense forms

'I go, etc.	_		
1s e-rev-om	e-r-om	r-om	
2s <i>e-rev-i</i>	e-r-i	r-i	
3s <i>e-rev-e</i>	e-r-e	r-e	
1p <i>e-rev-im</i>	e-r-im	r-im	
2p <i>e-rev-in</i>	e-r-in	r-in	
3p <i>e-rev-en</i>	e-r-en	r-en	
_			

(243)
$$di\mathring{\phi}=o-m$$
 $di\mathring{\phi}=e-m\widetilde{o}^w$ see.PST=E-BP.1SG see.PST=E-BP.1PL 'S/he saw us.'

 $di\mathring{\phi}=e-t$ $di\mathring{\phi}=e-t\widetilde{o}^w$ see.PST=E-BP.2PL 'S/he saw you.'

 $di\mathring{\phi}=e-s$ see.PST=E-BP.3SG see.PST=E-BP.3PL 'S/he saw her/him/it.' 'S/he saw them.'

The more frequent construction, however, is the following, in which both the root verb and the enclitics are shortened:

```
(244)
           di=m
                                         di=m\tilde{o}^w
           see.pst=bp.1sg
                                        see.PST=BP.1PL
           'S/he saw me.'
                                        'S/he saw us.'
            di=t
                                         di=t\tilde{o}^w
           see.pst= bp.2sg
                                        see.pst=bp.2pl
           'S/he saw you.'
                                        'S/he saw you.'
           di=s
                                         di=s\tilde{o}^w
           see.pst=bp.3sg
                                        see.pst= bp.3pl
            'S/he saw her/him/it.'
                                        'S/he saw them.'
```

There are a few other verbs, which can be shortened in the same manner as shown in the following examples:

- (245) 1. $(e-)\chi$ -om (be-)r-om $hune=s\tilde{o}^w$ (DUR-)want.PRS-1SG (SBJV-)go.PRS-1SG house=BP.3PL 'I want to go to their house.'

 2. va $be-\check{\phi}$ -om be=s must SBJV-give.PRS-1SG to=BP.3SG
 - 3. *di hiči n-i-g-om*ADV nothing NEG-DUR-Say.PRS-1SG

'I should give (it) to him/her.'

'I won't say anything, anymore.'

- 4. *kor-e-ke ni-l-e be-χæws-om* boy-def-def neg-let.prs-3sg sbjv-sleep.prs-1sg 'The boy doesn't let me sleep.'
- 5. pia=ne lešt be-r-e man=om let.pst.3sg sbJv-go.prs-3sg 'S/he let the guy go!'
- 6. *be-l r-om!*²⁶⁴ sbjv-let.prs.2sg go.prs-1sg 'Let me go!'
- 7. $\check{sir}=e$ e-n-om sær-e $tæ\check{s}$ milk=om pur-put.prs-1sg head-EZ fire 'I put/ am going to put the milk on the fire.'

This peculiar behavior of some of these verbs can create ambiguous situations and at the same time offers the opportunity for making some puns. For example, consider the verb $da\phi en$ 'to give'. The short form of its present stem would be da, which resembles the noun for 'mother'. The ambiguity becomes even greater by the fact that the person/number endings and the pronominal enclitics also look the same in the first singular (-om/m) and =om/m. Therefore, a sentence like (246), when heard, can be interpreted in the two ways explained below:

(246) be
$$da=m$$
 da-m give.PRS-1SG 'I gave (it) to my mom.'

^{264.} This sentence can also be expressed in the following forms: be-l be-r-om/bia-l-om be-r-om.

This same sentence can also mean 'To my mom, my mom!' as an emphatic answer to a question like: 'To whom, did you give it?!'. It is obvious that the context can clarify the exact meaning, but there exist several puns and linguistic jokes, taking advantage of the peculiar behavior of this group of verbs and their ambiguities.

6.6.2 Forms based on the past stem

6.6.2.1 Past Perfective (Simple Past)

This form expresses a completed action in the past. It is made by attaching the past person-number endings to the past stem of the verb:

Table 6.14: PST.PRF. (Simple Past)

	\ I /
'I ate, etc. 'I slept', etc.	
1s χærð-om	χæwsið-om
2s χærð-i	χœwsið੍-i
3s χærð-ø	χœwsið̞-ø
1p <i>χærð</i> ,-im	χæwsið੍-im
2p <i>χærð</i> j-in	χæwsið੍-in
3p <i>χærð</i> ,-en	χæwsið-en

(247) æmšæw goðæšt-æ²⁶⁵ hiž šom næ-xærð,-om / hiž næ-xæwsið,-om tonight pass.pst-ptcp none dinner neg.eat.pst-1sg / none neg-sleep.pst-1sg 'Last night, I didn't eat any dinner!' or 'Last night, I didn't sleep at all!'

In the example (247), two verbs, a transitive and an intransitive one, are used simultaneously to indicate the fact that there is no difference in the behavior of these two categories of the verbs in Bakhtiari past tense constructions (see also 6.6 above).

6.6.2.2 Imperfect

This construction expresses an action in the past which continued as a habit or at least for a certain period of time. It is formed by attaching the durative prefix *e*- to the past stem followed by appropriate verb endings:

- (248) e-xærð-om; e-xærð-i; e-xærð-ø; e-xærð-im; e-xærð-in; e-xærð-en
- (249) jæwun ke biə jom qæleve e-χær jom young that be.pst-1sg very Dur-eat. pst-1sg 'When I was young, I used to eat a lot.'

^{265.} This is a peculiar way of time-reference. To say 'last night', Bakhtiaris say 'tonight, the passed one'!

An imperfect verb can be used in the apodosis of conditional sentences to show a hypothetical situation (see also 255 below: 'I wouldn't let him do that.'):

```
(250) ær tær-est-ø bištær e-ҳærð-ø
if can-pst-3sg more DUR-eat. pst-3sg
'He would eat more if he could.'
```

6.6.2.3 Past subjunctive

When the subjunctive prefix *be-/bo-* attaches to a past stem followed by past verb endings, it can express a wishful or unreal statement in the past:

- (251) be-kerð-om; be-kerð-i; be-kerð-ø; be-kerð-im; be-kerð-in; be-kerð-en;;
- (252) *næ-vaske i kar=e be-kerð-om*NEG-must.PST this work=om SBJV-do.PST-1SG

 'I shouldn't have done this.'

6.6.3 Perfect forms

Perfect constructions in Bakhtiari have a special formation that makes them distinct from Persian and some other Iranian languages, in the sense that the verbal endings attach to the main verb and not to the auxiliary verb.

6.6.3.1 Present perfect

The present perfect expresses an action which has taken place in the past, but its effect continues to the present. It is formed by cliticizing the third person singular form of the copula =e to a past tense already inflected by person-number endings:

Table 6.15: PRS.PRF.

'I have eaten.', etc. 'I have slept.', etc.		
1s χærð-om=e	χæwsið਼-om=e	
2s <i>χærð</i> ;-i=e	χæwsiðʻ-i=e	
3s <i>xærð</i> ;-ø=e	χæwsið;-ø=e	
1p χærð-im=e	χœwsið੍-im=e	
2p χærð-in=e	χœwsiðj-in=e	
3p χærð-en=e	χæwsið;-en=e	

To negate a verb in the present perfect tense, the negative suffix will simply attach to the beginning of the structure: $n\alpha-\chi\alpha r\partial_{\tau}-om=e$ 'I haven't eaten.'

6.6.3.2 Past perfect

The past perfect is formed by combining the past stem of a verb already inflected by person-number endings with the third person singular of the verb **bioqen** 'to be':

Table 6.16: Past perfect

'I had eaten.', etc. 'I had slept.', etc.					
1s χærð-om	bi	χæwsið-om bi			
2s <i>χærð-i</i>	bi	χæwsið-i bi			
3s <i>χærð-ø</i>	bi	χœwsið-ø bi			
1p χærðʻ-im	bi	χæwsið-im bi			
2p χærð-in	bi	χæwsiðʻ-in bi			
3p <i>χærð</i> j-en	bi	χæwsið-en bi			

(253) *œr χo=m ræhð-om bivaba=s, ni-lešt-om=es i kar=e bo-kon-e* if self=1sg go.pst-1sg was with=him, Neg-let.pst-1sg=βp.3sg this work=om sbjv-do.prs-3sg

The younger generations may use a structure like (254) which is affected by Persian:

(254) xærð-e biað-om 'I had eaten.'

6.6.3.3 Subjunctive perfect

(255) oso ke e-veið -ø, vaske i kar=e be-kerð -om bi the time which DUR-come.PRS-3sg must.PST this work=OM SBJV-do.PST-1sg be.PST 'I should have done this. before he came.'

6.6.4 Progressive forms

6.6.4.1 Present progressive

The present progressive shows an action which is taking place either at the present moment (256-257) or in the near future (257:1-3):

```
(256) dar-im e-bor-im=es
have.prs-1pl DUR-cut.prs-1pl=Bp.3sG
'We are cutting it.'
```

^{&#}x27;If I had gone with him, I wouldn't let him do that.'

dar-om e-r-om, di ni-χο hey bo-go-i have.prs-1sg Dur-go.prs-1sg further NEG.want.prs. 3sg REP sBJV-say.prs-2sg 'I am going, you don't need to keep saying (Go!).'

The other way to show an action in progress is using the progressive adverb/particle *ono* (PROG) before the verb (see above: 6.4.3). As explained before, this particle resembles the plural personal pronoun (table:5.1 above) and has other manifestations such as: *hono, hone* or *one*:

- (258) 1. hono i-(y)-a-m 2. ono i-(y)-oft-e
 PROG DUR-come.PRS-1SG PROG DUR-fall.PRS-3SG
 'I am coming.' 1t is falling (going to fall).'
 - 3. hono-n=sõ^w e-r-en

 PROG-E=BP.3PL DUR-go.PRS-3PL

 'There, they are going!'

In Persian, the same concept is expressed by means of a helping verb: *daštæn* 'to have' as in:

(259) dar-æm mi-a-m have.prs-1sg dur-come.prs-1sg 'I'm coming.'

Therefore, constructions like (260) can be heard in the Bakhtiari spoken by the younger generations influenced by Persian:

(260) dar-om i-(y)-a-m have.prs-1sg Dur-come.prs-1sg 'I'm coming.'

6.6.4.2 Past progressive

The past progressive, as the name signifies, expresses an action which was going for some time in the past. It can be used alone (261), for example as an answer to: 'What were you doing?', but it is usually followed by another statement like in (262):

- (261) dašt-om e-ræhð-om have.pst-1sg 'I was going.'
- (262) $da\check{s}t$ -om e- $ræh\check{\phi}$ -om ke pia=ke $resi(\check{\phi})$ - \emptyset b=om! have.PST-1SG DUR-gO.PST-1SG that man=DEF reach.PST-3SG to=BP.1SG 'I was about to go that the man caught up with me.'

6.7 OPTATIVES

The optative mood has more diverse and frequent manifestations in Bakhtiari compared to Persian. The optative is used to express a wish, a lament, and most of all, a curse. It is noteworthy that unlike Persian, the optative has considerable daily usage, mostly in blasphemous utterances that are expressed out of despair or as a means of showing one's discontent with hardships and unlucky fate in life. These expressions, at times, can be very dramatic and not presentable because they contain several taboo words and expressions. This practice is very old and has not lessened even under the rule of the Islamic Republic!

The optative is formed based on two stems, present and past, with slightly different structures each.

6.7.1 The Present-stem-based optative

To express a desire for the present or the future, Bakhtiari uses the present optative. It is formed from a present stem plus the special optative suffix -a which attaches directly to the present stem, followed by a second suffix -e at the end of the optative stem. Of these two morphemes, -a is essential to form a present optative stem whereas the use of -e is optional:

- (263) $\chi o \check{\phi} a$ pir=et kon-a(-h-e)/kon-a(-y-e) (wish) god old=BP.2SG do.PRS-OPT-E-3SG 'May god make you old! (You'll be able to live long!)'
- (264) χοặa be kul=et row-a(-h-e)/row-a(-y-e) (blasphemous utterance) god on back=BP.2SG go.PRS-OPT(-E-3SG)
 'May you carry god on your back!
 (May god come down from his Omnipotent status!)'

Note, above, the alternative epenthetic phonemes (-h and -y-) to prevent hiatus. The choice between the two seems dialectal to me. The negative prefix will precede the optative stem as illustrated in (267) below, which is a proverb, and also in (268):

- (265) nei-ð-e²⁶⁶ ne-bin-a keimand næ-kon-a ši NEG-see.PST-PTCP NEG-see.PRS-OPT spinster NEG-do.PRS-OPT husband 'May the one who hasn't seen, see nothing and a spinster never marry!'²⁶⁷
- (266) ze=s be der ne-row-a-h-e (curse) from=BP.3sG to out NEG-go.PRS-OPT-E-OPT 'May s/he not get well! (lit. May s/he not get out of it!)'

^{266.} A case of suppletion where the underlying form is: $n\alpha$ - $\delta i\delta$ -e! NEG-see.PST-PTCP.

^{267.} In other words: 'The underprivileged people do not have the capacity of happiness!'

The bound pronouns can attach directly to the optative verb, between its two markers. They can be agentive as =m in bin-a=m-e or objective as =t in erusi=t=0 in below example (267):

(267) $\chi o \phi e y^{268}$, $\chi o \phi e y$ erusi=t=e bin-a=m-e oh god, oh god wedding=bp.2sg=om see.prs-opt=bp.1sg-opt 'Pray to God, May I live long to see your wedding!'

In (268) a typical daily curse is presented, usually expressed by angry mothers to their kids, and then in (269) the whole paradigm of the same verb *zeiðen* 'to hit' will be presented. In (270) the paradigm of another typical curse with the verb *borðen* 'to take' is shown, where only the first optative marker is used. The important point is, as seen in the plural examples, that the final optative marker is NOT used in the present optative PLURALS:

- (268) *peri*²⁶⁹ *zen-a=t-e*Pari hit.prs-opt=bp.2sg-opt
 'May You be hit by a Pari!'
- (269) Sg: zen-a=m-e; zen-a=t-e; zen-a=s-e Pl: zen-a=mun; zen-a=tun; zen-a=sun
- (270) *Sg: al bær-a=m; al bær-a=t; al bær-a=s* 'May Al take me; you; s/he!' Pl: *al bær-a=mun; al bær-a=tun; al bær-a=sun* 'May Al take us; you; they!'

6.7.2 Past-stem-based optative

To express the optative mood in the past, the past subjunctive will be used plus the second optative marker, i.e. the $-e^{270}$ suffix as shown in the examples below. The use of the optative suffix, however, is optional: mesale ro avaz konam

- (271) χοὄey χοὄey barõ^w be-zeiὄ-i-e oh god, oh god rain sbJv-hit.PST-2SG-OPT 'Pray to God, wish you poured some rain!'
- (272) kaškay hæm-o-čo bið-om-e wish EMPH-DIST-there be.PST-1SG-OPT 'I wish I were right there!'

^{268.} χοϕey is probably a combination of the word χοϕa 'god' and the interjection hey 'oh'.

^{269.} From MP. *parīg* and Av. *pairikā*- 'demonic angel, who follows all the heroes and immortals to seduce them to bad behavior and sinful actions'; it has completely lost its negative meaning in Persian and it is now synonymous with 'angel', but the form and its pre-Islamic concept has survived in Bakhtiari.

^{270.} A suffix $-\bar{e}$ (BGr -ay) is attached to verbs expressing unrealizable wishes: Šuš: $k\bar{a}$ š ke $mor\gamma$ - \bar{i} $b\bar{i}$ d-om- \bar{e} , andar $hav\bar{a}b$ perhess-om- \bar{e} 'I wish I were a bird, [that] I could fly into the air' (MacKinnon, 2011).

Below (273) is a complete past optative paradigm of the verb *morðen* 'to die':

```
(273) Sg: be-mord-om-e
be-mord-i-(y)e
be-mord-\vartheta - e(y)
Pl: be-mord-im-e
be-mord-in-e
be-mord-en-e(y)

Sg: be-mord-om-e
'I wish you were dead!'
I wish we were dead!'
'I wish you all were dead!'
'I wish they were dead!'
```

In (276:1) an advice or a wish is expressed, while in (274:2) by using the past modal *vaske* 'ought to', the same advice has changed into an obligation:

```
(274)
                     \chi o=m
                                     be-goð-i-e
          1. si
                  self=BP.1sG
          for
                                    SBJV-say.PST-2SG-OPT
           'You should have told me!'
          2. vaske
                           si
                                    \chi o = m
                                                      be-goð-i-e
                                    self=BP.1sG
          must.pst
                           for
                                                      SBJV-say.PST-2SG-OPT
```

'You should have told me, myself!'

6.8 CAUSATIVES

Causative constructions can be expressed in different ways. I follow Payne (2008:176) and divide causatives into three types: lexical, morphological and analytic.

6.8.1 Lexical causatives

Payne (2008:177) claims that "Most, if not all, languages have some lexical causatives. There are at least three subtypes of what we will term lexical causatives. The unifying factor behind all of these types is the fact that in each case the notion of cause is wrapped up in the lexical meaning of the verb itself. It is not expressed by any additional operator." The three types are:

No change in verb: Non-causative > Causative

```
(275) q \alpha z a \quad poh \delta - \emptyset > goli q \alpha z a = ne \quad poh \delta - \emptyset food cooked 'Food (is) cooked.' > Goli food=oM cooked 'Food (is) cooked.'
```

Some idiosyncratic change in verb:

Non-causative > Causative

```
(276) der \alpha \chi t \quad v \alpha st - \emptyset > goli \quad der \alpha \chi t = ene \quad v \alpha n \mathring{\phi} - \emptyset
tree fall.pst-3sg > Goli tree=om throw.pst-3sg
'The tree fell.' > Goli felled the tree.'
```

Different verb:

Non-causative > Causative

```
(277) goli ræh\~o-ø šæhr > æli goli=ne bor\~o-ø šæhr Goli went city > Ali Goli=om took city 'Goli went to the city.' > 'Ali took Goli to the city.'
```

```
(278) goli mor \phi - \emptyset > ali goli = ne košt - \emptyset

Goli died > Ali Goli = om killed 'Goli died.' > 'Ali killed Goli.'
```

6.8.2 Morphological causatives

Morphological causatives involve a productive change in the form of the verb (Payne, 2008:177). This change should act as a rule and be applicable 'to many other verbs in the language'²⁷¹ as well. In Bakhtiari the causative present stem is formed by adding the causative morphemes **-n-/-on-**, an infix in character, to the present stem of the verb:

```
Non-causative > Causative
```

```
(279) \check{s}i\check{s}e e\check{s}kæ-st-\emptyset > eil \check{s}i\check{s}e=ne e\check{s}kæ-n-\check{\phi}-\emptyset glass break. PRS-3sG > Ali glass=om break. PRS-CAUS-PST-3sG 'The glass broke.' > 'Ali broke the glass.'
```

```
(280) šiše eškæh-e > bæče šiše=ne eškæ-n-e glass break.prs-3sg > kid glass=om break.prs-caus-3sg 'The glass breaks/ will break.' > 'The kid breaks the glass.'
```

In Table 6.17, different verbs (intransitive, inchoative and transitive) are listed with their causative forms. The purpose of making this list was to generalize the causative formation in each and every of the above mentioned categories of verbs. By examining the data, we see that in the transitive group, in four examples out of five, the **-on-** form of the causativizer is used to make the present stem of the causative form (items 13, 15, 16 and 17 below). The same infix **-on-**, however, is used to change the intransitive verb lærzesten to its causative form (item 2) which creates a counter example to the possible general rule that says: to change an intransitive verb to a causative form it is enough to add the **-n-** to the end of the present stem. As for the second group, the inchoatives, they also present regularity in the sense that their causatives form by adding **n-** to the end of their present stem. The only difference that the two groups of intransitives and inchoatives exhibit, compared to the transitive one, is due to some phonological changes in the present stem, as illustrated in the examples 3, 4, 10, 11 and 12 below. Therefore, it becomes appar-

^{271.} ibid.

ent that there are some prevalent tendencies in each group, but to state a pervasive generalization about all the verb groups seems out of reach.

Table 6.17: Causativization of different infinitives

	Intransi- tive	Pres. stem	Gloss	Causative	Pres. stem	Gloss
1	eškæsten	eškæ(h)-	to break	eškenaģen	eškæ-n-	cause to break
2	lærzesten	lærz-	to shiver, trem- ble	lærzonðen	lærz-on-	cause to shiv- er
3	pokesten	pok-	to explode	pokon <i>ðe</i> n	роу-п-	(cause) ex- plode
4	ræhðen	ræw-/ r-	to go	ronģen	ru-n-	to drive, to push
5	χæwsiðen	χæws-	to lie down/ sleep	χæwnaðen	χæw-n-	to incubate
	Incho- atives	Pres.stem	Gloss	Causative	Pres. stem	Gloss
6	ænjesten	ænje(h)-	to split into pieces	ænjeniðen	ænje-n-	to cut into pieces
7	eškæsten	eškæ(h)-	to break	eškæniðen	eškæ-n-	to (make) break
8	masesten	mas-	to harden	masniðen	mas-n-	cause to harden; make yoghurt from milk
9	peškesten	peške(h)-	to splash/ sprin- kle	peškeni <i>ðen</i>	peške-n-	to (make)
10	pokesten	pok-	to flourish	poyniðen	роу-п-	(cause) to open
11	sohðen	sus-	to burn	suzniðen	suz-n-	cause to burn
12	χæwsiðen	χæws-	to sleep	χæwniðen	χæw-n-	to put to sleep
	Transi- tive	Pres. stem	Gloss	Causative	Pres. stem	Gloss
13	fæh- mesten	fæhm-	to understand	fæhmonðen	fæhm-on-	help to under- stand
14	gerehően	ger-	to go	fe(re) šnaðen	fe(re)š-n-	to send
15	kæšiðen	kæš-	to pull	kæšonðen	kæš-on-	help to move
16	såhiðen	så(h)-	to grate, to rub	såhonðen	såh-on-	grate, rub
17	zåhiðen	zå(h)-	to give birth	zåhonðen	zåh-on-	help to give birth

There are also a number of verbs, all containing a morpheme-like element -gen-, which convey a causative meaning: dargeniðen 'turn upside down, inside out', šægeniðen 'to shake' or tozgeniðen 'to put out a burning stick; to blink'. Some of these verbs have other forms, with meanings at times the same or very similar, but in some cases opposite of each other (283: 2, below), in which the /g/ of the mentioned element has undergone phonological changes such as devoicing to /k/ or palatalization to /y/ or being omitted altogether. So, it is perhaps possible to infer that, in the previous stages of the language, there was another causative morpheme *-qen* which later dissolved into other forms or disappeared completely.

The list in (281) contains verbs that have **-gen** with transitive or causative meaning in their structure:

```
(281)
```

```
'to ruffle; to decompose; to make somebody angry' > qefniðen
1. gefgeniðen
    'to twist'
2. gešgeniðen
                    'to bat out wool with the hands'> gešniðen 'to spin'
3. pergeniðen
                    'to scatter'> perniðen 'to set a bird free (make it fly)'
4. tezgeniğen =
                    'to disassemble, to distort'
    tijniģen
5. možgeni<u>ð</u>en =
                   'to squeeze, to press'
   možniðen
                    'to pucker; to make somebody upset
6. kergeniðen=
    kerkeniðen
7. tifgeniðen=
                    'diffuse, scatter'
    tifniðen
8. perægniðen=
                    'to sneeze (of a sheep)'
   perækniðen=
   peræyniðen
9. pešgeniģen=
                    'to scatter'
   peškeniģen
10. šogničen=
                    'to frighten'
    šokni<u>ð</u>en=
    šoyniðen
11. šængeni<u>ð</u>en=
                    'to rummage, to decompose; to winnow the crop
    šæng kerðen
```

There are, however, verbs having the same structure but with an intransitive sense, as shown in (282) below:

```
(282)
```

- 1. čelengeni<u>ð</u>en 'to howl'
- 2. gorongeniğen 'to roar, to squall'

3. fengeniðen 'to snatch'

4. hæwgeniðen 'breaking of the egg in a bird's belly'

5. berčenijen 'to shine'

6. *pelårniðen* 'to have a slip of the tongue'

7. *pofniðen* 'to swell; to demolish'

6.8.3 Analytic causatives

The third formation of causatives involves the usage of another verb, which in Bakhtiari is mainly *nahaǧen* 'to put', but also *vænḡen* 'to drop, to throw into' and *kerḡen*, 'to do'.

Non-causative > Causative

- (283) 1. mæryæm gerev-est-ø

 Maryam cry-pst-3sg
 'Maryam cried.'
 - 2. *mæryæm nah-að-ø va*²⁷² *gereve* Maryam put.prs-pst.3sg into cry 'Maryam started to cry.'
 - 3. æli mæryæm=e nah-að-ø va gereve Ali Maryam=om put.prs-pst-3sg into cry 'Ali made Maryam cry.' / 'Ali put M. into cry.'
- (284) 1. zivær hænd-est-ø zivar laugh-3sg.pst 'Zivar laughed.'
 - 2. zivær væ-st-ø va hænde zivar fall.psr-3sg into laughter 'Zivar fell into laughter.'
 - 3. kerim zivær=e væn-d-ø va hænde kerim zivar=om fall.prs-3sg.pst into laughter 'Kerim put Zivar into laughter.'

In the above examples, the first form of the so-called causatives is an example of an inchoative, since it expresses a change of state and the causer and the causee

^{272.} directional- locational particle?!

are one and the same person. On the other hand, in the same examples, we do not see a valence-increasing operation, therefore, they can also be analyzed as reflexive constructions.

6.9 PASSIVES

Based on Payne's (2008: 204-209) categorization of passives, in Bakhtiari I distinguish morphological, analytic and impersonal passives. In the following sections, each type will be explained and then examples will be provided.

6.9.1 Morphological passives

One way of expressing the passive voice in Bakhtiari is by suffixing the passive morpheme - (e/i) h^{-273} to the active present tense of the verb. The past stem is then formed by adding -est/-ist to the present passive stem:

Active present sten	<u>Present Passive</u>	Past Passive
how much food eat.PRS-3SG	2. i qæza ta šæv xær-eh-e PROX food till night eat.PRS-PASS-3	χæhr-est- 'be eaten' 3. mivæ-ha-ke χæhr-est-en! Ssg fruit-PL-DEF eat.PRS.PASS-PST- ' 'The fruits were eaten altogether!'
(286) <i>bor-</i> 'cut'	bor-eh-	bohr-est- 'be cut'
1. e-bor-om=es IND-cut.PRS-1SG=BP.3SG 'I (will) cut it.'	2. <i>šir-eke bor-eh-e</i> milk-DEF clot.PRS-PASS-3SG 'The milk will be cloted/ curd	3. <i>tænaf bohr-est-ø</i> rope cut.prs.pass -pst-3sg
1. <i>peste be-škæn!</i> Pistachios SBJV-break.PR wit	2. <i>va ima n-i-škæh-e</i> th we NEG-IND-beak.PASS.PRS-3SG	eškæh-est- 'be broken' 3. toxm-a eškæh-est-en bi-ø egg-PL break.PRS.PASS -PST-3PL was-3SG 21) 'The eggs had been broken.'
(288) <i>der-</i> 'tear'	der-eh-	dehr- est- 'be torn'
1. derð-i=s? tear.psr-2sg=pp.3sg 'Did you tear it?'		3. <i>jove-ke dehr-est</i> dress-def tear.pass.prs-pst 'The dress got torn.'
(289) <i>kæn-</i> 'dig'	kæh(n)-	<i>kæhn-est-</i> 'be dug'
stone=om can.prs-2sg dig.prs-	en-i? 2. yo ni-kæh-e 2sg this/ it NEG-dig.prs-3sg	it self=Bp.3sg dig.pass.prs-pst-ptcp
'Can you dig out this stone?'	'This (one) cannot be dug out.	'It hasbeen dug all by itself!'

^{273.} I agree with some scholars (Maddadi 1994, Taheri 2012) who believe that this morpheme is the same as the passive marker morpheme *-īh* in the Middle Persian, which is lost in New Persian, but has survived in Bakhtiari (Zolfaghari 1996).

6.9.2 Analytical Passives

The second way of expressing the passive voice in Bakhtiari is by using the past participle plus the verb *vabiǫ́en/abiǫ́en* 'to become'. Different forms of *vabiǫ́en* will be used to show the modal, aspectual differences as well as various tenses. The past participle, as mentioned above (4.2.1), is formed by adding the participle formant *-e* to the past stem:

```
(290) 1. dærf-a šošt-e vabið dish-pl wash.pst-ptcp become.pst 'The dishes were washed.'
```

```
2. pia-yæl påy košt-e vabið-en man-pl all die.pst-ptcp become.pst-3pl 'All the men were killed.'
```

As can be seen in the above example (290: 1), when the subject is inanimate, agreement with the verb is not obligatory. The different forms of *vabiǎen/abiǎen* are as follows:

Present Indicative: i-bu-om, i-bu-i, i-bu (-(h)e), i-bu-im, i-bu-in, i-bu-(h)en

Present Subjunctive: vabu-om, vabu-i, vabu-e, vabu-im, vabu-in, vabu-en

Past Perfective: vabið, vabið-i, vabið, vabið-im, vabið-in, vabið-en

Present Perfect: vabið-om-e, vabið-i-e, vabið-e, vabið-im-e, vabið-in-e, vabið-en-e

Past Perfect: vabið-om bi, vabið-i bi, vabið-e bi, vabið-im bi, vabið-in bi, vabið-en bi

6.9.3 Impersonal Passives

The impersonal passive, according to Payne, are essentially the same as the basic passives in the sense that: "... they downplay the centrality of an AGENT." (Payne, 2008: 206) There is, however, one difference between the two: "... impersonal passives can be formed from intransitive as well as transitive verbs" (ibid). Some examples of impersonal passives in Bakhtiari are:

- (291) e-xo jæng vabu!

 DUR-want.PRS.3SG fight become.SBJV.3SG
 'A fight is going to start!'
- (292) hæmi čo hin ris-est-ø this here blood pour-pst-3sg 'Blood was shed on this very place.'

6.10 NEGATION AND PROHIBITION

To express negation, the prefix næ- is used before the tense/ mood prefixes and the preverbs. Its distribution is as follows:

To negate a verb which is prefixed with an durative or imperfective marker, the two prefixes will combine and result in *n-i-*, as shown in the following formula:

$$n\alpha - + e - / i - > n - i -$$

(293)
$$n\alpha - + e - go - m > n - i - go - m$$
NEG- + DUR-say.PRS-1SG> NEG-DUR-say.PRS-1SG
'I don't/ won't say.'

To negate a subjunctive verb, however, the form $n\alpha$ - replaces the subjunctive prefix. For a thorough illustration of the usage of næ- with different allomorphs of the subjunctive marker, all the examples in (206:1-8) are repeated below as (294:1-8) in a negated form:

```
(294)
            1. n\alpha - be-k\alpha n-om > n\alpha-k\alpha n-om
            2. næ-kerð-om
            3. n\alpha-stun-om=es
            4. n\alpha - bo-\chi un-om=es > n\alpha-\chi un-om=es
            5. n\alpha-ko\check{s}-om=es
            6. n\alpha - bi-vå-he > n\alpha - vå-he
            7. næ-mir-om
            8. n\alpha/e-bin-i^{274}
```

To be more precise, when the vowel of the stem is /i/, the negative prefix can assimilate to *ne-* as well, thus:

```
(295)
           1. ne-mir-om, \alpha rusi = t = e
                                                                         2. ne-miz
                                                  bi-vin-om
           NEG-die.PRS-1SG wedding=BP.2SG=OM SBJV- see.PRS-1SG
                                                                         NEG -piss.prs.2sg
           'May I'll be alive to see your wedding!'
                                                                         'Don't piss!'
```

When the main verb is preceded by a modal verb, the negative prefix will not attach to the subordinate verb; therefore, the subjunctive prefix remains in its place:

The past subjunctive is usually negated by attaching the form næ- to the preceding modal verbs:

^{274.} Notice the change of consonant |v| > |b| in examples (206: 8 and 293: 8): bi-vin-i > $n\alpha/e$ -bin-i.

(297) 1. næ-vaske be-xærð-om=es 2. ni-xast-om bo-koš-om=es
NEG-must.pst sbjv-eat.pst-1sg=bp.3sg NEG-want.pst-1sg sbjv-kill.pst-1sg=bp.3sg
'I shouldn't have eaten it!' I didn't want to kill it.'

In example (298), which is a Bakhtiari proverb, the negation of an individuative and a subjunctive verb is illustrated:

(298) ta doğær næ-bu-ø razi, kor n-i-kon-e bus-bazi(Davari 1965: 26) until girl NEG-be.sbJv-3sg willing, boy NEG-DUR-do.PRS-3sg kiss-play 'A boy dares to kiss a girl only when she begins flirting.'

Sometimes, the negating element *næ* acts like a seperate word and negates a clause (299 or a whole sentence (300):

- (299) ær næ si del-e to bi-ø, hi n-i-veið-om if not for heart-ez you be.pst-3sg, nothing NEG-DUR-come.pst-1sg 'If it was not for your sake, I would never come!'
- (300) næ si xater-e to i kar-e kerð-om? not for sake-EZ you PROX work=OM do.PST-1SG 'Wasn't that for your sake, that I did this?!'

To negate an imperative verb, the prefix $n\alpha$ - will replace the imperative prefix in its different forms be-/bo-/bi-:

```
(301) 1. be-zen > ne-zen 'Hit! > Don't hit' 2. bo-koš > ne-koš 'Kill! > Don't kill!' 3. bi-mir > ne/e-mir^{275} 'Die! > Don't die!'
```

To express prohibition, the prefix **mæ-** is used. It is an original Bakhtiari prohibitive prefix since it is used more by the older generation and it can be heard in the old wedding or funeral songs. **næ-** is used more under the influence of Persian:

(302)

^{275.} There are also peculiar negative forms like *næ***-*n-om* instead of expected * *næ*-e-dun-om > *ni-dun-om* 'I don't know.' the phonological changes of which I am not going to discuss further in the present work.

REFRENCES

Quoted in this work:

Abasi, B and A.Gheituri. 2012. Semantics of Hawrami Body part Terms. *Iran and the Caucasus* 16 (2012) 319-335.

Abtahi, A. 1384/2006. Oil and The Bakhtiaris. Tehran: Chāp va Nashre Nazar.

Amanollahi, S. 1991. *Qom-e Lor* [Lor Ethnic group]. Tehran: Moassese-ye Enteshārāt-e Āgāh.

Afahar Naderi, Nader.1347/1968. MonogrAfi-e il-e bahme^i [The Monograph of Bahme'i Tribe]. Tehran: mo'assese-ye motale'at va TahqiqAt-e ejtema'i, baxše Tahqiqat-e' ašayeri [Institute of Social research and study; Nomadic section].

Amirahmadian, Bahram. 1378/ 2000. *Il-e Bakhtiari*. Tehran: Nashr-e Dashtestān.

Andersen, E. S. 1978. Lexical Universals of Body-part Terminology. In, J. H. Greenberg (ed.), *Universals of Human Language*, vol.3.: 335-368. Standford University Press. Standford.

Anonby, Erik. 2003b. Update on Luri: How many languages? *Journal of the Royal Asiatic Society*, vol.13, No.2: 171-197.

Anonby, Erik. 2006. Bāhendayal: Bird classification in Luri. *Journal of ethno-biology*, vol.26, No. 1: 1-35.

Anonby, Erik. 2012. Sociolinguistic status of Lori. *Encyclopædia Iranica*. Ehsan Yarshater (ed.). New York: Center for Iranian Studies, Columbia University. Available at URL (21-09- 2017): http://web.archive.org/web/20170921175059/http://www.iranicaonline.org/articles/lori- language-ii

Anonby, Erik and Ashraf Asadi. 2014. *Bakhtiari Studies: Phonology, Text, Lexicon*. Uppsala: Uppsala Universitet.

Atran, Scott. 1987. The Essence of Folkbiology: A Reply to Randall and Hunn. *American Anthropologist, New Series*, vol. 89, No. 1: 149-151.

Barth, Fredrik. 1961. Nomads of South Persia: The Basseri Tribe of the Khamseh Confederacy. Oslo: Oslo University Press.

Beck, Lois.1986 The Qashqa'i of Iran. New Haven: Yale University Press.

Beck, Lois.1991.*Nomad: A Year In the Life of a Qashqa'i Tribesman in Iran*. . Berkeley: University of California Press; London: I. B. Tauris.

Beck, Lois. 2014. Nomads in Postrevolutionary Iran: The Qashqa'i in an Era of Change. London: Routledge.

Berlin, B. and P. Kay .1969. *Basic Color Terms: Their Universality and Evolution*. Berkeley: University of California Press.

Berlin, Brent. 1972. Speculations on the growth of ethnobotanical nomenclature. *Language in Society* 1: 51-86.

Berlin, Brent. 1973. The relation of folk systematics to biological classification and nomenclature. *Annual Review of Systematics and Ecology* 4: 259-71.

Berlin, Brent. 1976. The concept of rank in ethnobiological classification: Some evidence from Aguaruna folk botany. *American Ethnologist* 3: 381-99.

Berlin, Brent, Dennis E. Breedlove, and Peter H. Raven. 1973. General principles of classification and nomenclature in folk biology. *American Anthropologist* 75: 214-42.

Berlin, Brent, Dennis E. Breedlove, and Peter H. Raven. 1974. *Principles of Tzeltal plant classification: An introduction to the botanical ethnography of a Mayan-speaking people of highland Chiapas*. New York and London: Academic Press.

Berlin, Brent. 1992. Ethnobiological Classification: principles of categorization of plants and animals in traditional societies. New Jersey: Princeton University Press.

Boyce, Mary. 1990. Cattle in Zoroastrianism. *Encyclopædia Iranica*. Ehsan Yarshater (ed.). New York: Center for Iranian Studies, Columbia University. Vol. V, Fasc. 1, pp. 79-84. Available at URL (21-09-2017): http://web.archive.org/web/20170921175607/http://www.iranicaonline.org/articles/cattle

Brooks, David. 2002. Sacred spaces and potent places in the Bakhtiari mountains, in R. Tapper and J. Thompsonn (eds.), *The Nomadic Peoples of Iran*. London: Azimuth Edition, pp: 90–112.

Brown, C. H. 1974. Unique beginners and covert categories in folk biological taxonomies. *American Anthropologist* 76: 325-27.

Brown, C. H. 1976. General principles of human anatomical partonomy and

speculations on the growth of partonomic nomenclature. *American Ethnologist* 3: 400-424.

Brown, C. H. 1977. Folk botanical life-forms: their universality and growth. *American Anthropologist* 79: 317-42.

Brown, C. H., Witkowski, S.R., 1981. Figurative language in a universalist perspective. *American Ethnologist* 8: 596-615.

Brown, C. H., E.N. Anderson, Jr., Brent Berlin, James S. Boster, Thilo C. Schadeberg and Leontine E. Visser. 1986. The growth of the ethnobiological nomenclature [and comments and reply]. *Current Anthropology*, vol.27, No.1: 1-19.

Brown, C. H. 1993. Reiview of Ethnobiological Classification: Principles of Categorization of Plants and Animals in Traditional Societies. Brent Berlin, Princeton, N.J.: Princeton University Press, 1992. *Journal of Anthropological Research*, vol. 49, No. 1 (Spring, 1993): 79-81.

Cheung, Johnny (2007). *Etymological Dictionary of the Iranian Verb*. Leiden-Boston: Brill Academic Publishers.

Comrie, Bernard and Norval Smith. 1977. Lingua descriptive studies: Questionnaire. *Lingua* 42:1–72.

Cronin, Stephanie. 2004. Politices of Debt: the Anglo-Persian oil company and Bakhtiari Khans. *Middle Eastern Studies*, vol. 40, No. 4:1-31.

Dāvarī, B. 1343 Š./1964. *Zarb al-matalhā-ye Baktīārī* [Bakhtiari proverbs]. Tehran: Tahuri Pubications.

Digar, Jean-Pierre. 1981. *Techniques des nomades baxtyâri d'Iran*. Cambridge: Cambridge University Press.

Digard, Jean-Pierre. 1982. Une contribution équivoque du droit coutumier Baxtyâri à la théorie de la segmentarité. *Le Cuisinier et le philosophe: Hommage à Maxime Rodinson*, ed. Jean-Pierre Digard. Paris: G.-P. Maisonneuve et Larose: 167-172.

Digard, Jean-Pierre. 1987. Jeux de structure : Segmentarité et pouvoir chez les nomades baxtyâri d'Iran,» *L'Homme* 27:2: 12-53.

Digard, J. P. 1988. Bakhtiari Tribe, Ethnography. *Encyclopedia Iranica*. Ehsan Yarshater (ed.)., vol.3: 553-559.

Digard, Jean-Pierre and Asghar Karimi. 1989. Les Baxtyâri sous influence

occidentale. Acculturation et déculturation,» in Yann Richard, *Entre l'Iran et l'Occident*. Paris: Editions de la Maison des Sciences de l'Homme : 105-116.

Digard, J. P. 2015. *Une épopée tribale en Iran: Les Bakhtyâri*. Paris: CNRS ÉDITIONS.

Elima, N.M. 1995/1374. Chand bāvar-e qom-i va tārihk-i-ye Bakhtiari [Some Historical and Ethnic beliefs in Bakhtiari]. *Ketab-e Anzan*, ed. Gholamreza Noruzi, vol.1: 18-25. Tehran: Enteshārāt-e Ānzān.

Enfield, N. J. et al. 2006. Elicitation Guide on parts of the Body. *Language Sciences* 28: 148–157.

Evans, N., Wilkins, D.P., 2001. The complete person: networking the physical and the social. In: Simpson, J., Nash, D., Laughren, M., Austin, P., Alpher, B. (Eds.), Forty Years on: Ken Hale and Australian Languages. Pacific Linguistics 512, Canberra: 493–521.

Farsani, Mohsen. 2011. Étude Lexicologique de la Langue Bakhtiari D'Iran. Unpublished dissertation. Université Sorbonne Nouvelle- Paris III.

Friedl, Erika. 1991. Women of Deh Koh: Lives in an Iranian Village. Penguin Books.

Friedl, Erika. 1997. *Children of Deh Koh: Young Life in an Iranian Village*. Syracuse: Syracuse University Press.

Garthwaite, Gene. 1983. *Khans and Shahs: A Documentary History of the Bakhtiari in Iran*. Cambridge: Cambridge University Press.

Ghasemi, Raja. 2007/ 1385. Moqāyese-ye vāji-ye guyeš-e Bakhtiāri-ye moā'ser bā zabānhā-ye irāni-ye miyāne-ye qarbi [A comparison between contemporary Bakhtiari phonemes with western middle Iranian languages]. M.A. thesis. Payam-e Nur University.

Gheitury, A.; Yasani, H. and K. Kazzazi. 2010. A note on Kalhori kinship terms. *In:* Iranian Studies. Bd. 43 Heft 4. - S. 533-547.

Hunn, Eugene. 1976. Toward a Perceptual Model of Folk Biological Classification. *American Ethnologist*, vol. 3, No. 3, Folk Biology: 508-524.

Karimi, Asghar. 1974/1352. Dāmdār-i dar il-e Bakhtiari [Animal Husbandary in Bakhtiari Tribe]. *Honar-o Mardom*, vol: 129 &130: 42-55.

Karimi, Asghar. 1990/1368. *Safar be diyār-e Bakhtiari* [A journey in the Bakhtiari Land]. Tehran: Enteshārāt-e Farhang- Sarā.

Kazemi. Mehdi. 1387/ 2008. guyesh-e Nā'ini: baqāyā zavāl? [Na'ini Dialect: Maintenance or Death?]. M.A. thesis. Payam-e Nur University].

Kazemi, M and Negar Davari. 1389/2010. guyesh-e Nā'ini: baqāyā zavāl? [Na'ini Dialect: Maintenance or Death?]. *The Dialectology quarterly of The Iranian Academy of Language and Literature*, vol. 5, 1: 42-54.

Khademi, Gholamreza. 1382/ 2003. Baressi-ye jomalāt-e sāde-ye guyesh-e Bakhtiāri bar asās-e nazariye-ye hākemiyat va marja' gozini [A Survey on Simple Sentences Of Bakhtiari Dialect Based on the Government and Binding Theory]. M.A. thesis. Razi University of Kermanshah.

Khosronejad, Pedram. 2008. Lion Tombstones. *Encyclopedia Iranica*. Ehsan Yarshater (ed.). New York: Columbia University. Available at URL (21-09-2017): http://web.archive.org/web/20170921175857/http://www.iranicaonline.org/articles/lion-tombstones

Korn, Agnes. 2017. Notes on the Nominal System Of Bashkardi. *Transactions of the Philological Society*, Vol.115,1: 79–97.

Layard, Sir Henry. 1846. A Description of Khuzistan. *Journal of the Royal Geographical Society*, XVI:1-105.

Lazard, Gilbert. 1992. *A grammar of Contemporary Persian, trans.* Shirley A. Lyon. Costa Mesa, Cal.: Mazda.

Lorimer, D.L.R.1922. *The Phonology of Bakhtiari, Badakhshani, and Madaglashti Dialects of Modern Persian*. London: Prize Publication Fund, R.A.S.

Lorimer, D.L.R. 1930. A Bakhtiari Prose Text, JRAS: 347-64.

Lorimer, D.L.R. 1954. The Popular Verse of the Bakhtiari of Southwestern Persia, I, II, III, *BSOAS* 16, 1954: 542-55; 17, 1955: 92-110; 26, 1963: 55-68.

Lorimer, D.L.R. 1964. A Bakhtiari Persian Text. *Indo-Iranica, Mélanges Georg Morgenstier- ne*, ed. G. Redard, Wiesbaden: 129-133.

Lecoq, pierre. 1989. Les dialects du sud-ouest de l'Iran. In *Compendium Linguarum Iranicarum*. Wiesbaden: Dr. Ludwig Reichert Verlag: 341-349.

Mackenzie, David.N. 1971. *A Concise Pahlavi Dictionary*. London: Oxford University Press.

MacKinnon, Colin. 2011. Lori dialects. *Encyclopædia Iranica*. Ehsan Yarshater (ed.). New York: Center for Iranian Studies, Columbia University.

Available at URL (22-09-2017): http://web.archive.org/web/20170922113634/http://www.iranicaonline.org/articles/lori- dialects.

MacKinnon, Colin. 2014. Khuzestan viii. dialects. *Encyclopædia Iranica*. Ehsan Yarshater (ed.). New York: Center for Iranian Studies, Columbia University. Available at URL (22-09- 2017): http://web.archive.org/web/20170922113807/http://www.iranicaonline.org/articles/khuzestan-08-dialects

MacKinnon, Colin. 1974. *The Phonology and Morphology of Dezfuli-Shushtari: A Study in West Persian Dialectology*, unpubl. diss. Ann Arbor.

MacKinnon, Colin. 2002. The dialect of Xorramābād and comparative notes on other Lor dialects. *Studia Iranica* 31: 103-38.

Maddadi, Zohrab. 1994/1373. Verb in Bakhtiari language. *Proceedings of Seminar of the Folkloric poetry and Literature*. Shahr-e kord. Iran.

Maddadi, Zohrab. 1996/1375. *Vazhename-ye zabān-e Bakhtiari* [Lexicon of the Bakhtiari language]. Ahvāz: Ayat publications.

Majid, A. /M. v. Staden. 2006. Cross-linguistic Categorization of the Body. Introduction. *Language Sciences* 28: 137-147.

Majid, A. 2006. Body part Categorisation in Punjabi. *Language Sciences 28*: 241–261.

Majid, A. 2010. Words for parts of the body. In B. C. Malt, & P. Wolff (Eds.), *Words and the Mind: How words capture human experience*, New York: Oxford University Press: 58-71

Mahootian, Shahrzad. 1997. Persian (Routledge Descriptive Grammars). London: Routledge.

Mann, Oskar. 1904. Skizze der Lurdialekte, SPAW, phil.-hist. Kl., Berlin: 1173-93.

Mann, Oskar. 1910. Die Mundarten der Lurstämme im südwestlichen Persien, Berlin: Georg Reimer.

Mayrhofer, Manfred. 1994. Etymologisches Wörterbuch des Altindoarischen, vol. 2, Heidelberg.

Moradi, N.A. 2000. *Vār, Sarzamin-e ajdādi* [Vār, the land of ancestors]. Tehran: Be'vār Elima: 51.

Mosaddeqgh, M.; F. Naghibi; A. Pirani & S. Esmaeili. 2012. Ethnobotanical

survey of herbal remedies traditionally used in Kohghiluyeh va Boyer Ahmad province of Iran. *Journal of Ethnopharmacology*. Vol. 141, Issue 1. 7 May 2012: 80–95.

Payne, Thomas E. 1997. *Describing Morphosyntax: A Guide for Field Linguists*. Cambridge, New York, & Melbourne: Cambridge University Press.

Perikhanian, A. 1983. Obščestvo i parvo Irana v parfianskij i sasanidskij periody. Moscow.

Perry, John R. 1975. Forced Migration in Iran during the Seventeenth and Eighteenth Centuries. *Iranian Studies*, vol. 8, No. 4: 199-215.

Perry, John R. 2005. *A Tajik Persian Reference Grammar*. Leiden and Boston: Brill.

Potts, D.T. 2014. Nomadism in Iran: From Antiquity to the Modern Era. Oxford University Press.

Sadeghi, Ali Ashraf. 1988/1367. Yād-dāshti dar bare-ye sāxteman-e vāji-e lahje-ye Davani [A note on the phonological structure of Davani dialect]. *Journal of Linguistics*. 5th year. Fall and Winter 1988. vol. 2: 2-8.

Safinezhad, Javad. 1989/1368. *Ashāyer-e Markazi-ye Iran* [Central Nomads of Iran]. Tehran: Amir Kabir Publications.

Safinezhad, Javad. 2002/ 1381. *Lor-hā-ye Iran* [The Lors of Iran]. Tehran: Atiye Publications.

Safinezhad, Javad. 2002/1381. Shive-hā-ye axz-e māliyāt dar manāteqi az ashāyer-e Lor-neshin-e Iran [Taxation methods in some Lor regions of Iran]. *Journal of the Anthropological Society of Iran*, No.1: 17-31.

Samvelian, Pollet. 2008. The Ezafe as a head-marking inflectional suffix:

evidence from Persian and Kurmanji Kurdish. In: Karimi,S., Samiian, V., Stilo, D. (Eds.) *Aspects of Iranian Linguistics*. Newcastle upon Tyne: Cambridge Scholars Publishing, 339-363.

Sardar As'ad, Aliqoli Khan.1383/ 2005. *Tārikh-e Bakhtiari* [The history of Bakhtiari]. Tehran: Enteshārāt-e Asātir.

Sar Lak, Reza. 2005. *Guyesh-e Bakhtiāri-e Chahār Lang* [The Bakhtiari Dialect of Chahar Lang]. Tehran: The Academy of Persian Language and Literature.

Seddiqi Nezhad, Bakhtiar. 2010. Bar-resi-ye touşıfi-ye saxt-važe-ye guyeš-e

bašakardi [A Descriptive Study of Bashakardi Dialect Morphology]. MA thesis. University of Sistan-va Baluchestan. Iran:Zahedan.

Schwimmer, Brian. 1995-2003. Kinship Tutorial. University of Manitoba. Available at URL (22-09-2017): http://web.archive.org/web/20170922124357/https://www.umanitoba.ca/faculties/arts/anthrop ology/tutor/kinmenu.html

Shahshahani, Soheila.1987. The Four Seasons of the Sun: An Ethnography of Women of Oyun, A Sedentarized Village of the Mamasani Pastoral Nomads of Iran. Tehran: Tus.

Skjærvø, P. O. 2006. *Introduction to Old Avestan*. Available at URL (22-09-2017):http://web.archive.org/web/20170922124131/http://blagoverie.org/files/385/oldavestanprimer. pdf

Schmidt, H.-P. 1975. *Zarathustraπ Religion and His Pastoral Imagery*. Leiden: LUP.

Schmidt, H.-P. 1980. Ancient Iranian Animal Classification. *Studien zur Indologie und Iranistik*, Vol. 5/6: 209-244.

Schmitt, Rüdiger (ed.). 1989. *Compendium Linguarum Iranicarum*. Wiesbaden: Dr. Ludwig Reichert Verlag.

Snider, Keith and James Roberts. 2004. SIL comparative African word list. (SILCAWL). *Journal of West African Languages* 31.2: 73-122.

Taheri-Ardali, Mortaza. 2015. guyesh-e Bakhtiāri: baqāyā zavāl? negāh-i digar be kārbord-e guyesh-e Bakhtiāri, gune-ye Ardal [Bakhtiāri Dialect: Decline or Survival? (A Re-examination of the Usage of Bakhtiāri Dialect: Variant of Ardal)]. In *proceedings of International Conference on Linguistic Heritage*, October 1394, Tehran.

Taheri, Esfandiar. 2007/1385. Guyesh-e Bakhtiari-e Kuhrang [The Bakhtiari Dialect of Kuhrang]. PhD dissertation. Pazhuheshgāh-e Olum-e Ensāni va Motāleāt-e Farhangi.

Tapper, Richard. 1997. Frontier nomads of Iran: a political and social history of the Shahsevan. Cambridge: Cambridge University Press.

Towfiq, F. 1987. AŠĀYER. In *Encyclopedia Iranic*. Ehsan Yarshater (ed.), vol.2: 707-724. New York: Center for Iranian Studies, Columbia University. Available at URL (22-09-2017): http://web.archive.org/web/20170922124941/http://www.iranicaonline.org/articles/asayer-tribes.

Vahman, F& G.S. Asatrian. 1987. *Materials on the Ethnography of the Bax-tiārīs*. In the collection of K.L.Lorimer: *West Iranian Dialect Materials*, vol.1. Copenhagen.

Vahman, F& G.S. Asatrian. 1995. *Poetry Of The Baxtiārīs*. In the collection of K.L.Lorimer, vol.3: *West Iranian Dialect Materials*. Copenhagen.

Van Staden, M./A. Majid. 2006. Body Colouring Task. *Language Sciences 28*: 158–161.

Wierzbicka, A. 2007. Bodies and their parts: An NSM approach to semantic typology. *Language Sciences*, 29: 14–65.

Wilson, Sir Arnold. 1926. The Bakhtiaris. *Journal of the Royal Central Asian Society*. vol. XIII: 205-25.

Windfuhr, G. L. 1988. Baktīārī Dialect. In *Encyclopedia Iranica*. Ehsan Yarshater (ed.), vol.3: 559-561. New York: Center for Iranian Studies, Columbia University. Available at URL (22- 09-2017): http://web.archive.org/web/20170922125147/http://www.iranicaonline.org/articles/baktiari-tribe

Wilkins, D.P., 1996. Natural tendencies of semantic change and the search for cognates. In: Durie, M., Ross, M. (Eds.), *The Comparative Method Reviewed: Regularity and Irregularity in Language Change*. Oxford: Oxford University Press, 264–304.

Witkowski, S. R., Brown, C. H. 1978. Lexical universals. *Annual Review of Anthropology*, 7: 427-451.

Witkowski, S. R., Brown, C. H. 1985. Climate, clothing, and body-part nomen-clature. *Ethnology*, 24: 197-214.

Yarshater, Ehsan. 1969. A Grammar of Southern Tati Dialects. The Hague and Paris: Mouton.

Zhukovskij, Valentin A. (ed. S. F. Ol'denburg). 1923. Materialy dlya izucheniya persidskikh narechij, pt. 3: Narechie bakhtiyarov chekharleng i kheftleng [Materials for the study of Persian dialects, part 3: The dialect of the Čahārlang and Haftlang Bakhtiari]. Petrograd.

Zolfaghari, Sima. 1997. Bakhtiari Dialect: Shift or Maintenance? A Sociolinguistic Survey on Bakhtiari Dialect in Masjed-e Soleimān. M.A.thesis. Allame Tabātabāi University. Tehran. Iran.

Zolfaghari, Sima. 2001. Bakhtiari Dialect: Maintenance or Death?. *Proceedings of The First Seminar of Iranian Dialectology*. Tehran. The Iranian Acade-

my of Persian Language and Literature publications.

Zolfaghari, Sima. 2002. A collection of English loan words in Persian language varieties spoken in three southern cities of Iran: Ahvāz, Ābādān and Masjed-e-Soleimān. *The quarterly of The Iranian Academy of Language and Literature*, vol. 4, Fall 1381: 120-130.

Zolfaghari, Sima. 2003. The Practical Status of the Bakhtiari Dialect in Masjed-e-Soleimān. *Journal of the Anthropological Society of Iran*, No.1: 147-177.

Zolfaghari, Sima. 2007. An Anthropological Survey on Bakhtiari Words and Comparing them with Middle Persian. M.A. thesis. Tehran University.

Consulted but not quoted in this work:

Brooks, David.1983. The Enemy Within: Limitation on Leadership in the Bakhtiari. *The Conflict of Tribe and State in Iran and Afghanistan*, ed. Richard Tapper. London: Croom Helm. 337-363.

Crystal, David. 1991. *A Dictionary of Linguistics and Phonetics*. 3rd ed. Oxford: Basil Blackwell.

Ehlers, E. 1988. Bakhtiari Mountains. *Encyclopedia Iranica*, vol.3:551-553. Duranti, Alessandro. 1997. *Linguistic anthropology*. Cambridge: Cambridge University Press.

Duranti, Alessandro. 1997. *Linguistic anthropology*. Cambridge: Cambridge University Press.

Elwell- Sutton, L. P. 1999. *Elementary Persian Grammar*. Cambridge: Cambridge University Press.

Fasold, R. 1984. The Sociolinguistics of Society. Oxford: Basil Blackwell.

Fishman, Joshova. A. 1964. Language Maintenance and Language Shift as a Field of Inquiry. *Linguistics* (9): 32-70.

Floor, Willem M. 2000. The economy of Safavid Persia. Wiesbaden: Reichert.

Garthwaite, Gene R. 1983. Tribes, Confederation and the State: An Historical Overview of the Bakhtiari and Iran. *The Conflict of Tribe and State in Iran and Afghanistan*, ed. Richard Tapper: 314-330. London: Croom Helm.

Garthwaite, Gene R. 1972. The Bakhtyari Khans, the Government of Iran, and the British. *IJMES* 3:1: 24-44.

Garthwaite, Gene R. 1977. The Bakhtiari Ilkhani: An Illusion of Unity," *IJMES* 8:2: 145 160.

Garthwaite, Gene R. 1981. Khans and Kings: The Dialectics of Power in Bakhtiari History. *Modern Iran: The Dialectics of Continuity and Change*, ed. Michael E. Bonine and Nikki R. Keddie: 159-173. Albany, N.Y.: State University of New York Press.

Gippert, Jost, Nikolaus P. Himmelmann, and Ulrike Mosel. 2006. *Essentials of Language Documentation*. Berlin: Mouton de Gruyter.

Haig, Geoffrey. 2008. Alignment change in Iranian languages: a construction

grammar approach. Berlin: De Gruyter Mouton.

Haig, Geoffrey. 2011. (n.d.). Linker, relativizer, nominalizer, tense-particle: On the Ezafe in West Iranian. Online Available: http://www.engl.polyu.edu.hk/research/nomz/files/HAI.Iranian.final.pdf (July 14)

Hymes, D.H. 1974. *Foundations in Sociolinguistics: An ethnographic approach*. Philadelphia: University of Pennsylvania Press.

Irons, W. 1974. Nomadism as a Political Adaptation: The Case of Yomut Turkmen. *American Ethnologist*, vol.1, No.4: 635-658.

Korn, Agnes. 2005. Towards a Historical Grammar of Balochi. Studies in Balochi Historical Phonology and Vocabulary. Wiesbaden: Reichert.

Ottenheimer, Harriet Joseph. 2006. *Linguistic Anthropology*. Delmont: Thomson Wadsworth.

Ross, Elizabeth N. Macbean. 1921. A Lady Doctor in Bakhtiari Land. London.

Savory, Roger Mervyn. 1980. *Iran under the Safavids*. Cambridge [etc.]: Cambridge University Press.

APPENDICES

Appendix 1 English loan words in Bakhtiari

No	Bkh. loan word	Original English word	Meaning of borrowed word
1	erkandišen	air conditioner	=
2	ælokeitkar	allocate car	
3	ælovans/ælovæns	allowance	
4	ængelan	angle iron	
5	bækpei	back pay	
6	jabalon	baloon	
7	beis	base	
8	bim	beam	
9	bent	bent	
10	belæklist	black list	
11	bolof	bluff	
12	beilær	boiler	
13	beilærsut	boiler suit	
14	bolt	bolt	
15	buk	book (V)	
16	buking	booking	
17	barium/boirum	boyroom	
18	bængele	bungalow	
19	bæs	bus	
20	boš buš	bush	
21	baišans	by chance	
22	kæmp	camp	
23	kæmelæb	camp+lab	
24	kart	card	
25	sæmænt	cement	
26	senterbolt	center bolt	
27	senterestor	center store	
28	čarter	charter	

29	čeker	checker	
30	čekmæn	checkman	
31	kelæm/ skalams	climp clip	
32	kolup/ kelæp	club	
33	kaler	collar	
34	kompani	company	
35	compelet	complete	
36	kankelit/ kænkilit	concrete	
37	konterat/ qomterat	contract	
38	keren/ kerend	crane	
39	kop	cup	
40	sekel	cycle; bicycle	
41	selender/ selend	cylinder	
42	deis	die/ dice?	
43	doidor	doctor	
44	dažbal	dodge ball	
45	deres kærdæn	dress (V)	
46	dereivel/deræivel	driver	
47	doram	drum	
48	diuti	duty	
49	emerjensi	emergency	
50	eksčenj	exchange	
51	feis	face	
52	fens	fence	
53	fitus	feydos	
54	fenešt	finished	fired from work
55	faresteišen	fire station	
56	ferstkelas/ fæstgelas	first class	
57	fiter/fitær	fitter	
58	felait	flight	
59	fol	fool	
60	fut	foot	
61	formæn	foreman	
62	ferænšip/frænšib	friendship	
63	ferničer	furniture	
64	fiuz	fuse	

65	jiteip	G-type	
66	gerač/garaj	garage	
67	geis	gas	
68	geit	gate	
69	jalejis	geologist	
70	getpas	get pass	
71	gilas	glass	
72	gulup	globe lamp	
73	gereid	grade	
74	gestows	guest house	
75	hedmæn	head man	
76	hedners	head nurse	
77	hiter	heater	
78	holder	holder	
79	hospital	hospital	
80	aidentiti	idendity	
81	inkuveiri	inquiry	
82	espektor/espæktor	Inspector	bus/ factory
83	æntærnaš	international	
84	ketr	kettle	
85	leberlari	labor lorry	
86	leberafis	labor office	
87	landeri	laundry	
88	lik	leak	
89	limunad/ limunat	lemonade	
90	leit	light	
91	lein	line	
92	lari	lorry	
93	emayes	M.I.S	
94	етрі	m.p.	
95	mæckine	machine	
96	meinlæin/leilænd	main line	
97	meinafis/ menafis	main office	
98	mæš	marsh	
99	mætron	matron	
100	medical	medical	

101	enaiosi	N.I.O.C.	
102	læmbærdæ	number-10	a district name
103	ners	nurse	
104	ners hastel	nurse hostle	
105	nersing	nursing	
106	af	off	
107	hæfiz	office	
108	afisboy	office boy	
109	ankal	on call	
110	ot	out	
111	overteim/ overtaim	overtime	
112	parteim/ partaim	part time	
113	peirol	pay roll	
114	persenel	personnel	
115	petrol	petrol	
116	pikab	pickup	
117	pim	pin	
116	pišto/ pištæw	pistol	
117	pelæin	plane	
118	gæčpelænd	plant	
119	peleit	plate	
120	pelag/ pelak	plug	
121	potate	potato	
122	pomp/pæmp	pump	
123	pæmphaws	pump house	
124	bæmbæw/ pæmpæw	pump+ æw 'water'	
125	kuwarter/ kuater	quarter	
126	ræn	ram	
127	ræšæn/ ræšænd	ration	
128	ræšændpul	ration pool	
129	firij	refrigerator	
130	raport	report; rapport	
131	rezerveišen	reservation	
132	rest	rest	
133	restowz	rest house	
134	rol	role	

135	rebel	rubber	
136	eskiu	S.Q.	the letters in front of the N.I.O.C. complex houses, ex: S.Q. 2203
137	seiving	saving	
138	eskerab/eskeraf	scrape	
139	seloteip	sealing tape solo tape	
140	sinior/sinier	senior	
141	šit	sheet;shout	
142	šift	shift	
143	šift esfane	shift spanner	
144	šit	shoot	
145	šut	shoot	
146	šart/šarti	short shortage	
147	silu	silo	
148	selak	slack	
149	saket	socket	
150	eskurespane	square spaner	
151	estæfestor	staff store	a store that only the company employers could shop there
152	estæmp	stamp	
153	estændbay	stand by	
154	estart	start	
155	esteytment	statement	
156	čiti	statement	
157	esteišen	station	
158	estor/ostor	store	
159	sepertas	supper tass	
160	suwič/siwič	switch	
161	teil	tail/ tile	
162	tanki/ tenki	tank	
163	teisi	taxi	
164	tenisboi	tennis boy	
165	tæmbær	timbre	
166	teim	time	
167	tæmate/ temate	tomato	
168	tereinig	training	

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169	tenæsport	transport	
170	tirip	trip	
171	valf	valve	
172	dæbelusi	W.C.	
173	veiter	waiter	
174	varnig	warning	
175	vašer	washer	
176	veld	weld	
177	velding	welding	
178	vaier	wire	
179	vorækšap/ vorokša	work shop	
180	ramseid	wrong side	

Appendix 2 Color terms

Color terms section was supposed to be part of chapter three of the present research. The collected data, however, appeared to be not convenient enough inorder to reach to a thorough analysis based on the exsiting findings, especially the theories presented by Berlin and Key (1969) and other later findings. Therefore, in this appendix only some general information and a preliminary classification of Bakhtiari color terms will be presented. A more detailed and analytic treatment of the subject is due to more investigation and data collection among other Bakhtiari communities that are carpet or kilim weavers or know other crafts that require a more detailed description of color terms.

In Bakhtiari the word *ræng* means both 'color' and 'paint'. As a verb, it is part of the compound verbs ræng kerðen or ræng zeiðen, literally 'to do paint' and 'to strike paint', respectively.

There is another word waše as in the compound espiso waše, 'having fair complexion, having fair body skin', which refers only to the skin color. Maddadi (1996: 253) thinks that it is comparable to the Persian suffix -wæš 'like, as'.

To ask about the color of something, the following construction is used, in which -i is an attributive suffix:

(1) če ræng-i-e/en?

what color- ATTR -is/are' 'What color is/are it/they?

One of the most interesting aspects of color terms in Bakhtiari is that most of them are tightly associated with a certain domestic animal. In other words, they are basically terms to describe the differences between animals and not plants or people. Among such terms are items 1, 2, 7, 8, 11, 15, 16, 19, 21, 22, 33, 34, 36, 38 below. These colors are not used to describe people or things.

The terms can also be categorized as basic terms such as: sohr 'red', zærd 'yellow', saewz 'green'... and derived terms from objects or natural things like tellah-i 'gold-like, golden', sæwz-inæ 'grass-like, green; tan', qæve-h-i 'coffee-like, brown' and *åv-i* 'water-like, blue' that all end in one of the attributive affixes -i, -inæ, -e. These colors can be used to describe people and objects.

It is important to mention that the concept of colors in a Bakhtiari nomad's world is not necessarily compatible with the standard urban or scientific color descriptions. For example, the very frequent word keu may cover a range of colors we normally call blue, dark blue, marine, gray, amethystine, dark turquoise and many other varieties of blue, purple and red and black combinations. In the same way, qa zærd-mure, to my eyes was a light brown or an ochre cow and not a yellow one. On the other hand, what I call orange, to a nomad is either yellow or red according to its degree of orangeness.

These are the original and the most frequent Bakhtiari terms. There are, however, borrowed terms from Persian in use, usually by younger generations, such as *qæve-h-i* 'brown', *suret-i* 'pink' and *narenj-i* 'the color of a sour orange; orange'. These words are not listed in Maddadi 1996; therefore, in the below list, the words that do not have a page number reference are my additions to the list.

Table 2 has five columns. The Bakhtiari words are presented in the second column in an alphabetical order. The English meanings are provided in the third column and the forth column is kept for some extra historical or cultural notes. The majority of words can also be found in Maddadi (1996) by the page number provided in the last column.

Table 2: Color terms

No	Bakhtiari word	English meaning	comments	p.
		Basic Colors		
1	esp/biəǧ, espi	white		20
2	ælus	white	MP ærus	23
	šæ(h)/ sia	black		168
3	sohr	red		157
4	sæwz	green	tiə-ræw: green-eyed	-
5	zærd	yellow; Korend (horse or mule)	zærd-kol: a short-tailed horse	
6	benæwš	æwš purple		44
	åv-i	blue	like water	136
7	qæveh-i	brown	lit.coffee-ATTR	-
8	hiəl	brown	ex. ti-hiəl: brown-eyed	272
9	kəu	bluish, dark blue		186
10	kal	black	tiə-kal: black-eyed beauty (people)	
			miəš-kal: a black ewe	
11	hælu	a brownish white		267
	Co	lors with patterns associated	l with animals	
12	ælo piəse	a sheep with colorful wool		23
13	bur	red, reddish brown	bur-čal: a reddish brown horse with a white forehead.	44
14	laz	a part of sheep wool that has a different color	laz-dar: marked	221

	I	1 21 4 1		20
15	æwzæ	a sheep with two colors	ex: bæl æwzæ: a black and white sheep with long, wide and hanging ears. Also: piose.	28
16	čal	a white patch on the forehead of animals	ex. čal-e ælo: a white and brown sheep with a white patch on the forehead	100
17	čel-gol	colorful literary meaning: forty- flowers		103
18	<i>ðiəzæ</i>	black, reddish-black (donkey)		131
19	čærme	white (horse)		101
20	gæzæ whitish- gray (donkey), silver gæzæ ðjæzæ: a gray donkey with a black muzzle		211	
21	hil	fair; pretty hile mal: a white sheep with a pretty shape		272
22	šæ piəse	black and white		168
23	kal espiəğ	a sheep with a black back and a white belly		186
24	kal piəse	a sheep with colorful wool = ælo piəse		186
25	kəu piəse	bluish white		186
26	komiət(ð)	brownish-red (horse)		198
27	mæwre	yellow (cow)		237
28	narek ²⁷⁶	a sheep or goat with two brown patches on both sides of the face	narek-æwzæ: a black and white sheep or goat with brown cheeks	283
29	nil	blue; a horse with a whitish blue color		248
30	norqeh-i	silver	lit.silver-ATTR	-
31	piəse	black and white		66
32	ræ(h)š high-lighted, a goat with dif- ferent lines of color; parallel colorful lines like a rain bow			137
33	ælo	white and brown (sheep)		23
34	sæwz-inæ	wwz-inw tan lit.green-ATTR		156
35	sia-tæwæ	dark skinned	lit.black-colored	157

^{276.} This word is taken from the second edition of the Bakhtiari glossary; so the page number refers to Maddadi (2013).

36	tæh(e)	dark brown, plain-colored animal	ex.tæhe zæh-e: looks brown. tæh-čal: a cattle with brown body and white forehead	84
37	tæh-jowzi	colorful (an animal)	?	84
38	tellah-i	golden	lit.golden-ATTR	-
39	zærd-meleg	pale	lit.yellow-meleg	141
40	zærd-muri (mure)	golden (cow)	lit.yellow- <i>muri</i>	141

Appendix 3 Body parts

Table 3 is arranged in five sections: Head, Torso and the lower part of the body, Arm and hand, Leg and foot and General. The words in a section may overlap with another section, such as bægæl 'armpit', presented here as part of the torso, because it also means 'the side of the body from armpit to the waist line'. However, it can also be listed in the arm and hand section. To keep the tables as concise as possible, such overlapping words are not repeated in different sections and are presented but once. The words are mainly extracted from Maddadi (1996) mentioned here with their relative number in the book. The words with no page number are my additions to the list. Some of the words are not parts of the body in the strictest sense, such as keverč 'dandruff' or qios 'tress', however, they are listed here with the intention to present as much Bakhtiari vocabulary as possible. In each section the words are listed alphabetically according to their English equivalent. In the fourth column, apart from some usual extra information, the Middle Persian equivalents of the words are provided. These are presented here just to emphasise the fact that the language has preserved a substantial reservoir of words and terms which makes it also interesting from a philological and historical linguistic point of view.

Table 3: Body parts

No.	Bakhtiari word	English meaning	comments	p.
	•	Head	•	
1	peræk-e noft	ala of the nose	= pær-e noft	58
2	kolmate	back of the neck		195
3	riəš	beard	MP rēš	138
4	mæzg	brain	MP mazg	233
5	gir	canine tooth, Cuspid		218
6	gop	cheek		206
7	golop	the area from cheek bone to the lower jaw		213
8	kæčə	chin	čal-e kæče: chin cleft/dimple	100
9	kakol	crest/ tuft hairstyle	airstyle	
10	golale	crown, Sinciput		212
11	čæk	crown; vertex; parting		102
12	keverč	dandruff		200
13	guš	ear MP gōš		217
14	bælæk	earlobe		42
15	χοτχοi(n)	Esophagus		112

16	ti/ tiə	eye	MP tīdag (pupil)	85
17	binæk/bivinæk	eye pupil		51
-				
18	kase ti	eyeball		-
19	ti	eyeball		85
20	borg	eyebrow	MP burg	39
21	merzeng	merzeng eyelash		232
22	puren(d)-e ti eyelid			-
23	šelg face, complxion			165
24	kæf	foam (mouth)	MP kaf	-
25	tig	forehead	dærz-e tig: the middle line of the forehead	89
26	milom	gums		239
27	mi	hair	MP mōy	238
28	pæ(h)l	hair	$p\alpha(h)l$ is used more in the sense of tress or braid.	61
29	torne	hair	torne is actually a hair style, a bunch of the front hair twisted on the both sides of the face. ²⁷⁷	72
30	kæle	head	shared between people and animals	196
31	sær	head	MP sar	148
32	kælase	skull	often: kælase sær	193
33	iəlevar	jaw	MP ērwārag 'cheek'	31
34	šælæk/ šælækæ	jaw	din-e šælækæ ' end of jaw'	165
35	læw/ læp	lip	MP lab	225
36	kakili	molar tooth		186
37	dõ ^w / dohõ ^w	mouth		127

^{277.} Here is a photo showing this typical Bakhtiari women hair style:



38	puz/æ/e	mouth	usually for animals ('snout'), for people in a pejorative sense MP pōz(ag)	64
39	čiəl	mouth and lips		107
40	mer	mouth; snout		231
41	gærðe(n)	neck	MP garden, grīw	208
42	dæma/χ	nose		123
43	noft	nose		245
44	mælaz	palate		235
45	zæG	palate		142
46	kase sær	skull		-
47	mof	snot		234
48	din-e šišgæh	the edge of temple	lit.the tail of temple	132
49	geli	throat MP galōg, grīw		214
50	tišni	throat the area right down the Adam's apple, Sternal notch		75
51	boluri	throat, Sternal notch, = tišni neck		42
52	na	throat/ neck		241
53	jit-e na	bottom part of the throat/ neck		96
54	zõ ^w	tongue	MP uzwān	143
55	dən <i></i> ðõ ^w	tooth		126
56	giəs	tress	MP gēs	219
		Torso and lower	body	
57	qin	anus	this word is actually pro- nounced with a nasalized/i/, thus [qī]	
58	sil	anus		158
59	bægæl	armpit and the side of the body		41
60	kæmær	back back, lower back, waist MP kamar		-
61	pošt	back	MP pušt	60
62	gæģe	belly usually for animals, for people in a pejorative sense		21

63	tel	belly		77
64	miə-gun	between the breasts		277
65	meste-dõ*	bladder		233
66	bæðæn	body	also: tæn, ænðo/am	-
67	ær-osteχõ ^w	bones and ribs		19
68	pestõ ^w	breast		60
69	lif	breast (animals)		227
70	gõ»/gun	breast; udder		217
71	bot	buttocks		36
72	pæse	buttocks		60
73	kend	buttocks, bottom		198
74	kurč-kurčæk	Cartilage		200
75	gi	excrement =goh, MP gūh		207
76	go(h)	excrement $= gi$, MP gūh		216
77	sende	excrement		155
78	guz	fart		-
79	ter	fart		71
80	din-æw-ger	flank		132
81	vær-kar	flesh/fat on the belly		256
82	zæhle	gall bladder	MP zahrag	144
83	tos	gas/ wind	flatulence	73
84	qælb	heart		-
85	del	heart, belly	MP dil	124
86	jor	hump, hunch		92
87	kok	hunch		193
88	ænderin	inside, intra-abdominal = del=o kol viscera		24
89	ruin/ revin	intestines MP rōdīg(ān)		137
90	kol	intestines		193
91	gordale	kidney		208
92	gorde	kidney	MP gurdag	209

93	domjar	waist line	the parting line of the body into: domjar be ziər 'waist line and lower' and domjar be bala 'waist line and upper'	126
94	jiyær	liver	MP jagar	96
95	teriəz	lumbar curve		73
96	gend-e mohr	Lumbar vertebra	lit.piece of vertebra	218
97	jiyær-e espiəģ	lungs		-
98	pof/pofin	lungs also: pof espiəǫ̃		61
99	naf	navel, belly button	MP nāfag	242
100	<i>kēr</i> ²⁷⁸	penis MP kēr		203
101	māmele ²⁷⁹	penis		230
102	sændæl	penis		155
103	čort	rt pubes		101
104	rom	pubes		-
105	denģe	rib		-
106	tohm	seed MP tōhmag/ tōm		71
107	pæ(h)li	sides of the stomach	MP pahlūg	64
108	maze	spine		229
109	dæs čæp	spleen		122
110	esbol	spleen	also: inflammation of the spleen (cholecystitis),	20
			MP spul	
111	eškæm	belly, stomach	MP aškamb/ aškom(b)	21
112	kom	belly, stomach		198
113	buz-din	tail bone, coccyx		45
114	gond	testicles MP gund		218
115	meste	urine MP mēšag verb: <i>mesten</i> MP mistan, gōmēz		233
116	miəz	urine verb:/ miəzesten		238
			MP mistan, gōmēz	

^{278.} This word illustrates one of the few occurrences of a long vowel in Bakhtiari.
279. The length of the vowel in this word is to compensate the dropping of the glottal stop in an originally Arabic word.

117	mohr	vertebra MP muhr(ag)		238
118	mohr-e pošt	vertebra	lit.lumbar vertebra of back	237
119	kos	vulva, vagina		-
120	kæð	waist, loins, small of back		188
		Arm and Han	d	
121	čolog	armpit		103
122	ziər-čel	armpit	lit.below armpit	145
123	areng	elbow	MP āranj	16
124	kel-e merk	elbow		195
125	merk	elbow		232
126	ængost	finger	MP angust	24
127	kelek	finger/ toe		194
128	most	fist MP mos/št		233
129	dæs(t)	hand MP dast		122
130	kelek kučir-e	little finger little-the (the little finger)		-
131	пехо҃	nail MP nāxun		243
132	tænge/æ	palm of hand		81
133	pælm	palm; five fingers		62
134	ก <i>ก</i> กก	palm; five fingers		63
135	čel	shoulder		103
136	ŠÕ [₩]	shoulder	MP šānæg	-
137	hæst-e čæmbær	shoulder blade		264
138	mol	shoulder blade		234
139	količ	the little finger		197
140	båhi	upper arm		36
141	41 <i>moč</i> wrist		-	
		Leg and Foot		
142	guzæk	ankle		217
143	ræw ræw	back part of the upper leg		136
144	tek	calf		76

145	ziər-tek	calf	lit.below calf	144
146	ænaræk	femoral head	also: ænaræ/ænarõ ^w	24
147	pa	foot, leg	t, leg MP pāy	
148	gond-e tek	gastrocnemius muscle	1 2	215
149	aleme	groin, thigh		17
150	kend-e pa/ kæče pa	heel lit.bottom of foot/ chin of foot		199
151	guv/we	hip joint		217
152	zuni	knee	MP zānūg	143
153	kæšk-e zuni	knee cap		-
154	gor-e zuni	knee cap, Patella		209
155	χæli čæft	knee pit/ poplit	popliteal fossa	113
156	6 leng leg			225
157	liəG leg		227	
158	čæft	shank, leg		102
159	rõ ^w	thigh MP rān		136
160	kelek-e pa	toe	lit.finger of foot	-
		General		
161	hin/ χin	blood	MP xōn	272
162	tæn	body	MP tan	-
163	ænðom	body shape	MP handām	24
164	mel	body hair; hair		234
165	e/ostexõ ^w	bone	MP astuxān	20
166	hæst	bone	MP ast(ag)	264
167	hostəχõ ^w	bone		-
168	belešt	complexion; form	belešt-e adomi	42
169	čærbi	fat	MP čarbišn	-
170	piə(h)	fat	MP pīh	-
171	gušt	flesh	MP gōšt	-
172	ger ger	joint		209
173	gor	joint		207
174	kovar	skeleton		200
175	pust	skin	MP pōst	64

176	tu	skin MP tōz		82
177	mært	skin; layer, membrane		231
178	ræg/y	vein	MP rag/ rahag	135
179	mo	wart		237

Appendix 4 Cooking terminology

It is worth mentioning that for Bakhtiaris food is considered as medicine and vice versa. In other words, based on a much older and broader Iranian tradition, formulated by ancient Iranian scientists such as Rhazes (865-925 AD) and Avecinna (c. 980-1037CE), all edible entities are either cold or warm and also either dry or moist. They can also be a combination of two or more of the above states. ²⁸⁰ Humans, on the other hand, are divided according to their humours, i.e. based on the fluids that dominates their body: blood, phlegm, yellow bile or black bile. These fluids or humours are in turn based on the four elements that make up the whole universe: earth, air, fire and water. Each body type needs certain food with a specific temperament. In orther to remain healthy, one should keep the balance between his or her elements, otherwise losing this equilibrium, will end up in a disease.

This knowledge is handed in by word of the mouth, generation after generation, and now is deeply rooted in the Iranian everyday eating habits and cuisine. The temperments can also be changed by geographic location, season and age. The geographic change is considered mainly effective by drinking a different water, hence the expression: ab be ab šodæn (Bakhtiari:æw be æw wabiden) 'lit. water to water become; becoming sick due to drinking a different kind of water.'

Bread, especially Tiri bread is the staple food of the Bakhtiari nomads so much as the verb $n\tilde{o}^w \gamma \alpha r den$ 'eating bread' is used to refer to the general act of dining. Tea is consumed abundantly with sugar cone. This kind of sugar is actually the only daily sweet food that is available. Children will put them in folded Tiri bread, instead of jam or marmalade and consume them as pastry or cookie.

Votive food offerings are practiced frequently. Noteworthy in this regard is wlwfe, a dish of Halva that is made and will be distributed among at least seven households, on the last Thursday of the year, before Noruz (20-12 March). This is

280. "According to the philosophy of the period, the universe is made up of four main elements: fire, air, water and earth. These are the basic substances that make up all inanimate and animate objects. The four elements are not material but express characteristics of mass and energy. These elements have hot, cold, moist or dry qualities, described as their "state" (keyfiyet). These qualities are inherent and described as "nature" (tabîat). For example, the nature of a human being is defined as hot blooded and that of grass as cold. Earth has a cold and dry nature; water, cold and moist; air, hot and moist; fire, hot and dry. Not only human beings but all animate and inanimate entities are under the influence of one or a combination of the above-mentioned four qualities. The essential substance of any object is characterised by these qualities, each being hot, cold, moist or dry. Each object has a hotter, colder, drier or moister nature in comparison to others. Organs also have these characteristics. For example, the heart has the tendency to be hot and moist; the liver hot and dry; the brain moist and cold; the spleen dry and cold. These natural qualities are also present to a greater or lesser extent in every food or medicament. For example, a food or medicament might be hot in the first, second, third or fourth degrees, and hence the heating effect of that food or medicament varies according to the degree it possesses that characteristic. The combination of qualities in a food or medicament determines the balance in the body of the person who consumes it." Available:http://web.archive.org/ save/http://muslimheritage.com/article/food-medicine-muslim-civilization

the day that according to a pre-Islamic belief and tradition, the soul of the deceased ones will return home for blessings and they should be fed and respected by this sweet and nutritious meal.

Sharing food *kase bahr-e* 'bowel sharing' is almost a daily practice, especially when a pregnant woman is living closely to be able to smell your food. If you do not give part of your food to a pregnant woman who has cravings for it, is considered to be sinful.

Table 3.4 is organized in four sections: General terms, Utensils and dishes, Verbs related to cooking and Typical food. The first three sections are listed alphabetically, based on the English glosses. The last section which contains the names of the typical Bakhtiari food, is listed alphabetically according to Bakhtiari names.

Table 4: Cooking terminology

No.	Bakhtiari word	gloss	
	general terms(food, spices, vegtables, etc.)		
1	æw-kæšk	a kind of cold soup by adding water to dried kurd	
2	æræx	alcohol	
3	bamjõ ^w	aubergine	
4	lubi	beans	
5	$n\tilde{o}^w$	bread	
6	kære	butter	
7	du	buttermilk/ yoghurt drink	
8	hel	cardamon	
9	penir	cheese	
10	morg/jijæ	chicken	
11	darčin	cinnamon	
12	Gæve	coffee	
13	χæyar	cucumber	
14	šivit	dill	
15	tox/hm	egg	
16	peh	fat	
17	kæšk	fermented yogurt	
18	måhi	fish	
19	art/d	flour	
20	nõ ^w	food	
21	qit/ qut	food	
22	χorak	food	

23	čez	fried animal fat	
24	sir	garlic	
25	mæšk	goatskin liquid container	
26	sowzi	herbs	
27	pesχõ ^w i	leftovers	
28	genģi/æðæs	lentils	
29	gušt	meat	
30	šiər	milk	
31	næna	mint	
32	bære	mutton	
33	rigen/ rugen	oil	
34	ποχο(δ)	peas	
35	pinæ	pennyroyal	
36	felfel	pepper	
37	siəv	potato	
38	berenj	rice (cooked and uncooked)	
39	golav	rosewater	
40	nemek	salt	
41	musir	shallot	
42	æduve	spices	
43	esfenaj	spinach	
44	šekær	sugar	
45	χænð/ qænð	sugar cube	
46	čåhi	tea	
47	estekam	tea glass	
48	zærčuve	tumeric	
49	siəv-piaz	vegetables	
50	serke	vinegar	
51	šærav	wine	
		Utensils and dishes	
52	baðæ	big bowl	
53	kase	bowl	
54	ašpal	colander	
55	komač/ komači	copper pot/ small copper pot	
56	<i>cop</i> ²⁸¹	cup	

^{281.} English loan word.

57	čengal ²⁸²	fork		
58	måitæve	frying pan		
59	čæxu	knife		
60	kæmče	ladle		
61	hævæn(g)	mortar		
62	pošzav	plate		
63	qalome/ diəg	pot		
64	tæwe	round griddle		
65	nælbeki	saucer		
66	siəx	skewer		
67	kæfger	spatula		
68	qašox	spoon		
Verbs related to cooking				
69	čit zeiðen	to add starter		
70	kævav (rast) kerðen	to barbeque		
71	jušniðen	to boil		
72	qol zeiðen	to burble out, to boil		
73	sohðen	to burn		
74	h/χird kerðen	to chop; to cut		
75	temis kerðen	to clean		
76	pohǧen	to cook		
77	boriðen	to cut		
78	tik tike kerően	to cut		
79	moče kerðen	to cut and shape a pirce of dough into small balls		
80	torošesten	to ferment		
81	palniðen	to filter		
82	sohr kerðen	to fry		
83	ærðen	to grind		
84	hevir šešnią̃en/ šešten	to knead dough		
85	tæš va kerðen	to make fire		
86	du zeiðen	to make yoghurt drink		
87	ras(t) kerðen	to make/ prepare		
88	perzeniğen	to mix		
89	pus(t)/ tu kænðen	to peel		
90	koften	to pound		

^{282.} Fork is not used much in nomadic household.

91	rexten	to pour	
92	berezniğen	to roast	
93	be hæm zeiðen	to simmer	
94	ševniđen	to simmer	
95	terdeniðen	to singe ²⁸³	
96	dæm kerðen	to stew; to brew	
	T	Typical food	
97	æw- piyåzi	a kind of soup made of onion/ spices/tomato	
98	æw-beriəz	fried meat cooked with pomegranate sauce	
99	æw-garč	wild mushrooms cooked	
100	æw-kæšk	a kind of cold soup made of water and kæšk	
101	æw-toruši	a kind of soup made by dried pomegranate seeds	
102	æw-tulæ	fried malva with onoions and pomegranate seeds	
103	art-e konar	konar powder that can be used by yughort	
104	bereštuk	a sweet, soft and nutritious pastry usually given to women after giving birth, to help her recover.	
105	aš-bælg	a kind of pottage made of beans, herbs and wheat noodles	
106	aš-e kardin/m	a kind of pottage made of beans and kardin	
107	čengal	bread crumbs fried in ghee and serve with sugar	
108	duwa	a kind of thick soup made of beans and yughort	
109	gændom-kelxong	a mixture of roasted wheat seeds and kelxong	
110	gemne	broken wheat grains cooked with tomato and spices	
111	gerde	a kind of round and thick bread cooked under cinder	
112	gever	a kind of bread made by a coarse flour which is prepaired by a quern (a hand mill) and cooked on a <i>tæve</i>	
113	hælva	Halva	
114	kači	a dish similar to Halva but more diluted	
115	kævav	Kebab, the most popular Bakhtiari food	
116	musir	shallot	
117	piə be jiær	barbequed liver covered by fatty membrane	
118	ræn ræn/boræn	crusty rice at the bottom of pot	
119	rego	acorn bread	

^{283.} To burn off the feathers or bristles of (a carcass of a bird or animal) by subjecting briefly to flame.

120	siəv-tæmate	a mixture of fried tomato and potato	
121	tæmate-bamjõ ^w	a mixture of fried tomato and aubergine	
122	tilike musir	yoghurt and shallots mix	
123	towčiri	a kind of sweet bread like pancake	
124	toxm ba tære lori	scrambled egg with dried wild leek powder	

Appendix 5 Basic vocabulary

The Bakhtiari basic vocabulary is formed based on Comrie and smith (1997). All the words are listed alphabetically according to English words on the third column.

Table 5: Basic vocabulary

No.	Bakhtiari words	gloss
1	hame/ hamæ/påy	all
2	0/v0	and
3	heyvõ ^w	animal
4	hol/ xakeštær	ashes
5	be	at (locative)
6	pošt	back
7	ba੍/ liš	bad
8	pust-e deræxt	bark/ skin of tree
9	čon/ čenake	because
10	eškæm/kom	belly
11	дæр	big
12	båhenøæ	bird
13	gæm (zeiðən)	(to) bite
14	š æ(h) black	
15	hin/χin	blood
16	hof kerőən	(to) blow
17	hæst/hosteχõ ^w	bone
18	pestő"/gun/gő"	breast
19-a	næfæs	breath
19-b	næfæs (kešiðən) (intrans)	to breathe
20-a	sohģen	to burn
20-b	teši kərğən/ tæš nahağən (trans)	to put into fire
21	bæče	child
22	pænjæ/peng/ pælm/ pænjul	claw
23	æwr	cloud
24	særd	cold
25	eveiððn	to come
26	ešmårðən	to count
27	boriðan	to cut
28	ruz	day
29	morðan	to die
31	kesif/čul	dirty

32	sæy	dog
33	vorasniðən/ xærðən	to drink
34-a	hošk	dry
34-b	hošk kerðan (trans)	to dry
34-с	hošk vabiģən (intrans)	to dry
35-a	kol	dull (tool)
35-b	χeng	dull (human)
36	hak/ hol/ gærte lile	dust
37	guš	ear
38-a	zomin	earth (land)
38-b	hak	earth (dust/soil)
38-с	gel	earth (mud)
39	χærðən	to eat
40-a	χåye/håye	egg
40-b	toxm/tohm	egg
41	ti	eye
42	væstən	to fall
43	dir	far
44-a	čag/	fat
44-b	koloft	fat/ thick
45	bæve/beu	father
46	tærs	fear
47	pær	feather
48	kæm/yæ kæm/yæ zere	few
49	jæng kerðən	to fight
50	tæš	fire
51	måhi	fish
52	pænš	five
53	mæl xærðen	to float
54	ræwun abiðən	to flow
55	gol	flower
56	fer zeiðən	to fly
57	ker	fog
58	pa	foot
59	čar	four
60-a	rečestən	to freeze

60-b	yæx zeiðən (intrans)	to freeze
61	mivæ	fruit
62	por	full
63	daðən	to give
64	χu/ χæif/ χeif	good
65	ælæf	grass
66	sæwz/sowz	green
67	men eškemi/ ruin	guts
68	mel/ mi	hair
69	dæst/dæs	hand
70	ho	he/she
71	sær	head
72	ešniģən	to hear
73	del/ qælb	heart
74	sengin	heavy
75	ičo	here
76	zeiðən	to hit
77	gerəhðən	to hold
78-a	šaχ	horn (animals)
78-b	šeipur/ bug	horn (instrument)
79	četæw	how
80	šekal(kerðən)	to hunt
81	miræ/miəre	husband
82	то	I
83	yæx	ice
84	ær/æyær	if
85	men	in
86	koštən	to kill
87	zuni	knee
88	dunestən	to know
89	(derya)!	lake
90-a	χendiǧen	to laugh
90-b	χæhnesten	to laugh
90-с	χænde/ æ kerððn	to laugh
91	bærg	leaf
92	čæp	leftside

93	leng/ på	leg
94	deraz kešią̃on	to lie
95	zendei kerőən	to live
96	jiyær	liver
97	deraz	long
98	šeš	louse
99	merd/ mærd/ð/ piya	man
100	qælevæ/ qæleve/ xeileh	many
101	gušt	meat/flesh
102	mæh	moon
103	da/ dayæ	mother
104	koh/kohsar	mountain
105	dohun/dõ ^w	mouth
106	num/esm	name
107	bårik	narrow
108	nezdik/ neheng	near
109	gærðən	neck
110	næw/ tåze/ jeði(ð)/ nu	new
111	šæw	night
112	noft	nose
113	næ	not
114-a	pir (person)	old
114-b	kohne/æ (inanimate item)	old
115	yæk	one
116	diyær	other
117	šæsg/ næfær/åðom	person
118	båzi	to play
119	kešiģən	to pull
120	hol dåðən	to push
121	bårõ ^w	rain
122	sohr	red
123	rast/ dorost	right
124	rast	right side
125	ruŏ	river
126	jåðe/ ræh	road
127	riše/æ	root
128	tænaf	rope

129	gænd zeieðe	rotten
130	gerd	round
131	såhiðən	to rub
132	nemek	salt
133	šen	sand
134	goðan	to say
135	χårnið, ən	to scratch
136	derya ²⁸⁴	sea
137-a	diģən	to see
137-b	seil kerðan	to watch
138	tohm	seed
139	dohộən	to sew
140	tiəz	sharp
141	kuta/ kotol	short
142	χοnὄən	to sing
143	nešæstən	to sit
144	pust/tu	skin
145	asemõ ^w	sky
146	χœw/ χowsiðən	to sleep
147	kučir / χ/hird	small
148	bu/ bu kerððn	to smell
149-a	di	smoke
149-b	di kerðən	to smoke
149-с	segar kešiðən	to smoke cigarette
150	saf	smooth
151	mar	snake
152	bærf	snow
153	bæzi/ yæ χa	some
154	tof / tof vænðən	spit/to spit
155	šæq/ joða kerðən	to split
156	možgeniģən	to squeeze
157	pare/ sila kerðən	to stab/ pierce
158	vastaǧən	to stand
159	astaræ/e	star
160	siəχ	stick

^{283.} The word for river and sea are the same. There is no sea in the traditional Baxtiari territory.

161	bærd/ð	stone
162	rast/saf	straight
163	mek zeiðən	(to) suck
164	χoršið/ oftæw	sun
165	ba kerðan	(to) swell
166	melæ kerðan	(to) swim
167	din	tail
168	hæmo/ho	that
169	očo	there
170	onon/honon/honōw	they/ them
171	koloft	thick
172	nazok	thin
173-a	ferk	think
173-b	ferk kerőən	to think
174	yo	this
175	to	thou
176	se	three
177	vænðən/ pert kerðən	(to) throw
178	bæstən	(to) tie
179	$z\tilde{o}^w$	tongue
180	denģõ ^w	tooth
181	dar/ deræxt	tree
182	torniðən/ der xærðən	(to) turn
183	do	two
184-a	šokufe/ estefrag	vomit
184-b	šokufe zeiðən/ estefrag kerðən	to vomit
185	ræh /ræh ræðən	walk, to walk
186	gærm	warm
187	šoštən	(to) wash
188	æw	water
189	ima	we
190	xis/ tær	wet
191	če(n)	what
192	kei	when
193	koyæ/e	where
194	espiəģ	white

195	ki	who
196	pæhm	wide
197	ziəne	wife
198	baý	wind
199	bal	wing
200-a	temis/pak	wipe
200-ь	temis/pak kerðən	to wipe
201	ba/ vaba	with
202	ziəne	woman
203	ču/ biəše	woods
204	kerm	worm
205	ha/ bæle	yes
206	sal	year
207	zærd/ð	yellow

 $\boldsymbol{Appendix}\;\boldsymbol{6}$ List of words and expressions related to all domestic mammals in general

Table 6: Domestic mammals

No.	Bakhtiari word	English meaning	comments	p.
1	ælæf-čær	the grazing-right (for the owner of the herd)		175
2	ælæfgar	the fee that herd-owners have to pay to towners of pastures		175
3	ælæmbur	yowl		23
4	ælo	a white and brown ewe		23
5	ælo-piəsæ	an ewe with wool in different colors		23
6	ængele	The feet part of a goat-skin container which is fastened by a rope		24
7	ærešt	braying of a donkey		175
8	æw ræšõ" kerðen	to groom and currycomb a horse or a mare		27
9	æwoki	an ovine which goes from one herd to another one without being claimed by the owner of the sec- ond herd		29
10	æwzæ	a two-color wool goat		28
11	bæhðæ	a castrated goat		46
12	bæhr zærðen	to become conceived		46
13	bæl	a goat with long, wide and hanging ears		41
14	bælæk- šæh	a disease which affects the spleen of a goat		42
15	bæræ	a lamb		39
16	bæræ-guči	a lamb kept only for mating		40
17	bæræ-mezði	paying the shepherd based on the number of sheep		40
18	bærgelõ ^w	a sheep-shepherd		39
19	bæri-bæri	a melody which the shepherd plays for lambs.		37
20	bahar za	an ovine which is born in spring		36
21	bar kerðen	to load the quadrupeds: to get ready for the migration		34

22	bar war	to bring down the load of a quad- ruped; migration		34
23	bar-kæš	pack animal		34
24	be bæhr	aroused, ready for mating		45
	000000	, , ,		
25	be dæstő"	a dog ready for mating		121
26	be-ðæw	a mare		37
27	beinæt	the act of counting of the herd		51
28	beinæt kerðen	to counting the herd		51
29	Beram big	A goat kid		50
30	big-e	a pre-termed kid	= weak and feeble	50
	piəš vænģe			
31	big-e bahare	a kid born in spring		50
32	big-e do-bori	a well and nicely shaped kid that is kept for breeding		50
33	big-e do-mar	a kid fed by two goats		50
34	big-e leleki	a kid affected by a certain parasite, <i>lelek</i>		50
35	big-e sær-bare	a kid given as share in a funeral costs	fig: a very skinny goat	50
36	big-e tæge	a male kid which is older than two years		50
37	big-e vænge	a weak and feeble kid	also pejoratively for humans	50
38	bok=o-bæhr	the mating sound of a goat		41
39	bok=o-bæri	the act of sniffing of a cow by an ox as a prepration for mating (also goats)		45
40	bor bor	moo		37
41	bor zei <i>ðe</i> n	scattering of the herd		38
42	borešt	moo		45
43	borniģen	to moo, to low		45
44	boz	goat		40
45	boz-be-dõ ^w	an utterence that the milker sings to encourage the goats come to the milking place		40
46	boz-borõ ^w	the shearing time of goats		40
47	boz-čarn	a goatherd		40

	Υ	T	1	
48	boz-čarni	the act of goat herding		40
49	boz-e pæl	a goat with long and horizontal horns		62
50	boz-wa-borõ ^w	the weaning time of a kid		40
51	bu hælæk- hælæk	the special scent of a he-goat ready for mating		45
52	bur-čal	a red/brownish mare or ewe with a white patch on its forehead		45
53	čæper	an ovine or cow whose kid is dead		100
54	čæpeš	a yearling goat; a he-goat		100
55	čærme pust	a skinny heivenõ ^w		-
56	čal	an ovine with a white front	also for pultry	99
57	čal-e ælo	a white-front horse or ewe with a brown and white body		100
58	čal-pæl	a goat with a white front and hanging horne towards shoulder		100
59	čarbõ"	the category of horse plus mare and mule		99
60	čarniģen	to graze the animals		99
61	čar-wa	the category of horse plus mare		99
62	čel-gæz-be-gi	the small intestine of all the animals	= kæš-kæš	101
63	čitæ	a reed fence for the lambs and kids	= kolæ čomčitæ	106
64	čomčitæ	a reed fence for the lambs and kids		-
65	čor	urine		101
66	ču zei <i>ģe</i> n	the counting of the herd	= beinæt kerðen	276
67	da-bori	the act of separating a baby animal from its mother to stop the breat feeding by sending them to another herd		113
68	da-bori ker <i></i> en	to seperate a baby animal from its mother to stop the breat feeding by sending them to another herd		117
69	dæru	an interjection used by a farmer to lead the animal downwards the field		118
70	dæs maze kerðen	examining the weight/ fat of an ovine by touching its back		122

71	dæwlæt	theteam of čarbõ×+ donkey; the herd; wealth		128
72	daG	a metal tool that when heated is used for branding/ marking		118
73	dag-derišom	the sign or mark of an animal		118
74	daraG	the big bell of the bellwether	also for camel	69
75	dašt	keeping a cow or sheep to use its produce for the domestic use	dašt-i-e ya košt-i?	117
76	deti	an interjection to keep away a dog		118
77	dewiər	a disease of quadrupeds; the term is also used as a curse to refer to people		129
78	deze	partnership in herding		120
79	deze wabi <i>ðe</i> n	combining of two herds; boxed		121
80	diəzæ	a gray donkey or mule		129
81	din-æwsar	the rope of a horse's rein		131
82	din-derazõ ^w	the long-tailed heivenõw		132
83	din-din kerðen	to wag the tail (a dog)		132
84	do-bænð	an ox which has performed ploughing for two successive years		127
85	do some	ovine or cow which have two-part- ed hoofs	ovine + cow=hæ- lal-gušt	128
86	do-bæri	an ovine that breeds twice a year		127
87	do-bor	a two-year old goat		125
88	do-dæs	a chain with a lock used to fasten the legs of an animal; a padlock		128
89	do-dæs kerðen	fastening the legs of an animal using do-dæs		128
90	do-mar	a kid or calf which has been fed by another ewe besides its mother		129
91	do-rõ ^w	a ram which has mated for the second time with the group of ewes in a the flock		128
92	došbol	a fat gland under the skin of the animals		123
93	do-za	a twice-bred ovine		128
94	ga	cow		203

95	ga be mal	the name of a star	=the sign of evening	206
96	ga mækal	a lazy ox that doesn't plough		206
97	ga matul	a cow and its calves; a cattle herd		206
98	ga telin	a lean cow that has a huge belly	= ugly	205
99	ga-čarn	cowherd, one who takes cows for grazing		205
100	gæl	a group of animals; an ovine herd		211
101	gælaðæ	a bridle; a collar; the woven rein of a horse		212
102	gælæ	a group of animals; an ovine herd		213
103	gælæ næhaðen	to buy and establish an ovine herd		214
104	gælæ ræmæ	a herd of ovine and cattle		214
105	gælæ-deze	a shared herd		214
106	gær	calf until one year		206
107	gærčæk	the low-fat and thin tail of a sheep		189
108	gærčæk	a disease that lessens the fat of a sheep tail		206
109	gæšæ-gæwæ/e	a pen for ovine		217
110	<i>gæši</i>	1. the Arabic species of ewe, a non- Bakhtiari species of ovine; 2. A goat which has a tuft under its lower jaw		179
111	Gæšõ™ kerðen	to curry		183
112	gæwæ zeiðen	to make a pen for sheep		217
113	gæzæ	a white-grayish donkey, a silver donkey		208
114	gæzæ-ðiəzæ	a gray donkey with a black muzzel		211
115	<i>Gæzal</i>	a small and beautiful white lamb		178
116	gagelõ ^w	cowherd		206
117	ga-hešǫ́	rumination		206
118	ga-hiši	a ploughing ox		206
119	ga-long	a cow that doesn't stop eating and eats everything (plastic,)		206
120	ga-mahi	a big fish; cow-fish		206
121	ga-mir	The bubonic plague		206

122	ga-pæl	a cow with horizontal hornes pointed twards the earth		205
123	ga-piəsæ	a black and white cow; a two-colored cow		205
124	gapõ ^w	cowherd, one who takes care of cows		62
125	Gaš	pen, a surrounded piece of land to gather ovines		177
126	gaš-e gælæ/e	the mountain slope which is sur- rounded by branches and foliage to keep ovines		177
127	ga-telišn ker ðen	to skin an ovine in a way that its skin will remain in one piece as a cow's leather		205
128	ga-xærðen	the sucking of a calf before the milking of a cow		205
129	geme	a disease that makes goat unable to walk		214
130	gir-e sæg	a dog's cuspid		237
131	goč zei <i>ðen</i>	to butt (ovines)		183
132	gol æwsar	the pom-pom of the bridle		212
133	gõ ^w	udder, a cow's breast		215
134	gulu	a three-four moths calf	an endearing term	213
135	gun kerðen	the floating of a cow's udder as a sign of immediate delivery		217
136	gun-bænð	a covering for the udder to prevent lambs and kids from suckling		215
137	gusenģ	sheep/ ovine		215
138	guwær	calf till one year		217
139	guwær-gelõ ^w	calfherd		217
140	hæke likæ	fast and continous barking by seeing a fight or a wild animal		266
141	hækelešt/ð	barking of a dog		264
142	hækelešt/ð kerðen	to bark		265
143	hælæk hælæk	panting of a dog out of thirst, hunger and heat		266
144	hæle kešt kerðen	to bark		267

145	hær	donkey		262
146	hær be ræmæ	a donkey special for mating a mare;	fig. a bully and stupid person, good- for-nothing	262
147	hær gilu	rolling of a donkey in the dirt/ dust		263
148	hær gilu zeiðæ	a rolled in the dust donkey		263
149	hær gilu zeiðen	to roll in the dust (a donkey)		263
150	hær-e χorma rin	a donkey that excretes dates!	fig. a turbulant situation	262
151	hær-ga wærgæn	one who runs the cattle back, cattleherd;	fig. a good-for-no- thing person	263
152	hærgelõ ^w	a donkeyherd		263
153	hæšam	livestock		263
154	hæšuwe	a baby buffalo		263
155	hæwli	a donkey's foal	= _G uðu	270
156	hæwr o zæwr	the braying of a <i>Hærom-gušt</i> at the mating period		269
157	haš	an interjection to stop a <i>Hærom-gušt</i>		260
158	hẽ	an interjection to run off/ shoo a donkey		268
159	he kerðen	to run off/ shoo a donkey		268
160	heiwõ ^w	domestic animals		107
161	helek helek	a short barking when a dog smells/ senses the approaching of a man or wild animal		266
162	həwli	a donkey foal		269
163	hile	an animal or human with a beautiful chubby body		270
164	hohæ	an interjection to run off/ shoo a cow		270
165	hol-ey ha	an interjection to make donkeys or mules walk during thrashing		267
166	hom deze	sharing a herd; partner		267
167	huli	a hornless goat		266
168	iš- $\check{\phi}\tilde{o}^w$	an interjection, produced while milking a cow or a goat	iš-ǧõ ^w boko, bozgæl bian mene ǧõ ^w	31
169	ja gayæl	the cattle (cow) barn		91

170	jælaw	a yearling castrated ovine	yæ čudari eveið yæ jælawi xærið=o borð	93
171	jælaw čæri	the act of taking the herd for grazing		93
172	jælaw čarn	a paid grazier, shepherd		93
173	jær	leather		93
174	<i>jæw</i> ðõ ^w	the molars of the quadrupeds		95
175	jelæw ræw	the ovine that moves ahead of the herd		94
176	jelæw-kæš	the ovine that moves ahead of the herd	= dobor/ sehis	94
177	jol	a thick covering for the animals		93
178	jol æwsar kerðen	to put the blanket on the back of the pack animals and drag them along		94
179	jol puš kerģen	to cover the pack animals with special blankets		94
180	jol šal	a special covering for the animals' chest		94
181	jol šal kerģen	to cover the chest of pack animals		94
182	kærčæk	the thin and not fatty tail of a sheep		189
183	kæ'uwæk	a parasite that affects weak and feeble ovines + heivenõ ^w		186
184	kæmbili	a sheep that has stool stuck to its wool		198
185	kæš kæš	ovine's small intestine		192
186	kæwæ	a sheep of six month to one year old		203
187	kæwor	a device used for weaning/ to prevent a kid from suckling; it is a pieace of wood which will be placed in the mouth of the kid, with two strings on its both sides which will be fastened to its horns.		202
188	kæwšæk	the outer part of a hoof; the growth of an ovine's hoof		201
189	kæz	the fluffy hair of a goat belly that is used to make a sheperd's coat (kordin)		191

190	kagenat	ovine placenta; Bakhtiaris fill it with foremilk and cook it.	185
191	kal piəšæ	a sheep with black and white wool	186
192	kelær	a kid or lamb after its infancy	194
193	keleng zeiðen	to sit on hands (dog)	195
194	kelezne	tailbone of a sheep	194
195	keri keri	interjection to send the sheep away	191
196	kerne	tick; deer tick shared with ovine, heivenõw, human, birds and dog	190
197	keten	fastening ovine + heivenõ ^w together into a line	187
198	koč	interjection to call a dog	188
199	koheil	a name for an old and noble $\check{c}arb\tilde{o}^w$	203
200	koh-mir	The bubonic plague of sheep	201
201	kol	a two-year old faol	193
202	kol	mare foal	195
203	kolæh	a place to keep lambs and kids	196
204	kolæh-comečit	a pen made of reed to keep lambs and kids	197
205	komiət(ģ)	a red-brownish horse or mare	198
206	kop-e čera ker <i>ðe</i> n	the mass grazing of the herd in a rich pasture	186
207	kor-æwzæ	a goat with small ears and two-colored spotted wool	189
208	kor-æwzæ	a black and white goat with small ears	190
209	kori	a black goat with small folded ears	191
210	kor-i sia	a goat that is completely black	-
211	koriəz	lining up of the ovine + heivenõ ^w	191
212	koriəz kerğen	to line up (sheep)	191
213	korniðen	blaring of a sheep	190
214	kor=o-kær	to blare, at the time of mating (sheep) and giving birth	200
215	kor=o-ler kerðen	(sheep) to walk around her lamb while licking	190
216	košti	an ovine, cow and <i>Hællal-gušt</i> that is kept to be used for its meat	191

217	kõ"	a disease that inflamates a Don- key's palate and to cure it, they need to pierce the resuliting gland. Also for <i>Hærom-gušt and čarbõ</i> ^w		201
218	kuč-kuč	interjection for calling a dog to come or to go		200
219	kut gæh	manure dump		-
220	lær-kæš	taking care of feeble ovines		222
221	læw-riəšæ	blisters around lips and mouth of kid or lamb		226
222	las	cow dung that is framed in a square or circle shape		70
223	las	female		221
224	laz	a piece of a ovine's wool which has a different color		218
225	laz-ðar	spotted		221
226	leleki	affected by lelek		224
227	lerešt	baaing		221
228	ler-ler	a continous baaing		222
229	lerniðen	to baa		222
230	liəwõ ^w	placenta of animals		227
231	lif	animals breast		226
232	lori	a big-eyed, wooly-head and fat- tailed sheep		223
233	lōri	dying of ovines or <i>heivenõ</i> ^w caused by severe cold		225
234	lun	ready for delivering baby		226
235	lun nahaðen	to deliver		-
236	ma ga	female cow		229
237	ma hær	female donkey		230
238	та- ҳі	female hog		229
239	mače	female donkey or any female Hærom-gušt		228
240	mæčilæ	a thin beaded rope to put on a calf neck	fig.: very thin	230
241	mækeniðen	to baa		234

242	mængæw	1. cattle's flu; 2. dizziness of Hærom-gušt and čarbõ ^w	236
243	mængæw zeiðen	an animal affected by flu	236
244	тæптæпи	the sheep that walks the last	-
245	mæræ	bean-like glands under the skin of a goat which has eaten acorn ex- cessively	232
246	mæše kerðen	the entagling of a rope around the leg of a čarbõ ^w	232
247	mar mi	a disease that is caused by a white and thin parasite in the lung of all animals and even birds	229
248	mel gahi	a ball made of cow's hair	234
249	mendal	a suckling kid	236
250	met	lambs and kids excrement before starting to graze	235
251	miəš	ewe	238
252	miəš be koriəz	following each other (ovines)	238
253	miəš-e kal	a black ewe	238
254	miəš-e kohi	a mountain ewe	238
255	mofæk	ovine's running nose	234
256	mõ ^w	mare	237
257	na bimi kerðen	to act uneasy in the cold weather of highlands (ovine + čarbõ")	238
258	nær miəš	a male sheep, special for breeding	243
259	næræk	a young male donkey	242
260	næžģi	a non-Bakhtiari species of goat which breeds twines	243
261	nal ðag	a horseshoe form of brand for making animals	241
262	nia ræw	an ovine that walks in front of a herd and the rest follow him	-
263	nil/nilæ	a white-bluish <i>Hærom-gušt</i>	248
264	nim burniðen	to moo in a broken way (on the occasion of mourning for another cow)	248

265	nime dari	a contract according to which one accepts taking care of another person's herd on the condition that will receive half of its profits		248
266	niškæw	half of the body; one-half of a cow or ovine's body		248
267	niz naz ker <i></i> en	to snuffle		248
268	niz niz kerðen	to whine or to yap (a dog)		248
269	nizniðen	to yap (a dog)		248
270	nu palõ ^w	a female donkey or mule which is now old enough for carring load		244
271	nu wænð	a young cow that has just reached the age of ploughing		246
272	nu zin	a horse ready to be saddled		246
273	nu-z-ģin	a two-year old mare foal (lit. new-from-tail)		246
274	pærčæl-bor kerðen	the cutting of ovine's wool, short enough just to protect him against hot weather		57
275	pær-pæri	the stomach of ovine/ horse and cattle	all grazing animals	57
276	pæs-æs-til	a three-year old sheep that has bred once	= pæs-ta-til = pæs-da-sill = pæs-ta-sil	60
277	pæs-tir	a goat that has bred twice		60
278	parine/ pårne	a year old female calf		54
279	paven	a bunch of unsleaved goat hair for later spinning	mia boz-e paven kon	56
280	paven kerðen	to spin goat hair hank		56
281	peger	powder/ crushed manure of heivenõ ^w		61
282	pel	a young male calf		61
283	pel-e men-e gærgæl	an ox that stays more with calves;	fig.: an elderly man who prefers the company of lads	61
284	pelu	a one year old ox		62

285	peræiniðen	the sneezing of a goat	also pejoratively for humans	59
286	peškel	ovine's dung		61
287	pey zeiģen	the exhaustion of the pack animals under the load during the seasonal migration		66
288	pof-ešpiəģ	lung		61
289	ræhš	a goat with white and black hair		137
290	ræm zærðen	to escape; scattering of a herd by a thief or wolf attack		135
291	гæта ҳõ	hostler	a shepherd of čarbõ ^w	
292	ræmæ dar	one who has a herd; a rich person		136
293	ræšyo	a beautiful and shaply horse		135
294	refniðen	cuffing of a sheep		135
295	rekav	the pedal of a saddle		135
296	renj	a disease for heivenõw		136
297	riəgal	the dried out watery stool stuck to the sheep wool and hair		139
298	riəgal ker <i>ğe</i> n	affecting of the sheep by diarrhea		139
299	riə-gereh <i>ðe</i> n	affecting of the sheep by diarrhea		139
300	riəwær	a new-born/ milking lamb/ kid/ calf	=riwær	139
301	riəwær-za	a newly bred ovine + $heiv\tilde{o}^w$		139
302	riə-zæhlæk	the green watery stool of ovine or cow caused by an inflated gall bladder		138
303	rofiəðæ	a piece of felt to be placed under the tail of quadrupeds		135
304	roh-šæh	an interjection used to encourage a donkey for mating		137
305	rošgin	the ring of a saddle which is placed below the tail		134
306	šæh-čal	a black cow with a white forehead	=ga-čal	168
307	šæh-lal	a goat with big, wide ears and very black hair		168
308	šængol	a two years old she-calf		166
309	sær-čær	ovine and other grazing animals		150

310	sær-kæn kerðen	the movement of the herd towards grazing without the sheperd's awareness		
311	sær-kæš	the lead goat of the herd	=do-bor	151
312	sær-som zeiģen	The hoofing of a mule (trampling with the hoof on the ground) which people think is a sign of a thief being around		151
313	šæw be koh	staying the night in the mountain, night grazing		166
314	šæw čær	night grazing		166
315	šæw kæn	going for night grazing		167
316	sæwa za	an ovine + heivenõ ^w which just has given birth		155
317	šæw-kæni	going for night grazing		167
318	šæw-kæni kerðen	to take the herd out for grazing in the night		167
319	šæw-xoft	an special felt coat with closed sleeve holes used by sheperds		166
320	sæy-gorg	jackal; wolfdog		-
321	sæy-las	a she-dog, a bitch		158
322	sæy-nas	a fatal disease of dogs		158
323	sæy-niyæhr kerðen	staring like a dog		156
324	sal-beh kerően	every-other-year breeding of ovines + heivenõ ^w		147
325	se	a special sound to move the animals		156
326	segæt	death of the non-Hallal animals and dogs		153
327	sehis-e niaræw	a goat that walks ahead of the herd and leads the rest	= do-bor	-
328	šehniģen	to neigh		168

329	šeške	a kind of parasite that sucks ovine + heivenôw or dog's blood and makes them weak and emaciated.		163
330	siəl	the skin under an ewe's tail		64
331	šiənešt	neighing of a horse or mare		169
332	sir-silæwæ	tripe (all animals)		151
333	šir-širæk	small brown glands in the stomach of ovines		169
334	šišæk	a two-year old ewe that has bred once		169
335	šoge zeiģen	the bumping of the animals' load into the stones on the side of the path/ road		164
336	šohaz	a sound, like a horse or somebody walking in distance.		276
337	šohaz gereh <u>ő</u> en	listening to the sounds in distance, like the sounds produced by ani- mals, specially walking of a horse		276
338	šohaz weiģen	hearing of a sound similar to walk- ing of a passerby or footsteps of a horse		276
339	somat	donkey and čarbõw's dung		154
340	sombolik	the little hoof of a cow + ovine		154
341	song-e-mus kerðen	dog's sniffing of food or things		155
342	soro	horn		152
343	šotor	camel		162
344	šul	a white-tailed cow		167
345	sule	pieces of dough to feed dogs		158
346	tæ'us/ tæhus/ tæhvus	a sheep with flat and wide ears		70
347	tæge	two years old male goat= tištær	bæhðe=sehis/ big-e tæge	77
348	tæhæ	a dark brown cow or ewe		85
349	tækæ(e)	dried dung heivenõw		77
350	tæke čiģen	gathering of the dried <i>heivenõ</i> ^w dung		77
351	tælgeniðæ	a separated ovine/ cattle from the herd		78

352	tælgeniðen	to chase, to ferret	næ-tælgen ze yæk	78
353	<i>tælunæ</i>	dewlap of a cow and ewe		79
354	tæng zeiðen	to fasten an animal's load using tæng		81
355	tæng-e zin	a special belt under a mare or mule's belly to support the saddle		81
356	tæpalæ	cow dung		70
357	tare tič	an animal that stampede		69
358	taresten	going away from the herd (ovine)		69
359	terat	gallop		71
360	terat kænðen	to gallop		71
361	teriə	a rope to fasten the kids in a row		73
362	teriə kerğen	to fasten the kids in a row using teria		73
363	tič wabi <i>ģen</i>	straying from the herd	tič wabið ræhd	87
364	tičešten	straying quickly from the herd (ovine and cattle)		87
365	tikeniģen	milking cow and ovine		89
366	til/ tile	baby animal		89
367	tir	fat and healthy (ovine/cattle)		87
368	tir-beger	choosing the best ovine/ cattle		87
369	tire boz	a two year-old fat goat		87
370	tir-zæwin kerðen	to separate fat and thin ovine/ cat- tle and <i>heivenõ</i> ^w from each other		87
371	tišt/ðær	a yearling she-goat not having a kid yet		88
372	tišt/ðær-be- gæle	a sheep that has gone to another herd	fig: a person who has left his tribe residing in another tribe	88
373	ti-ti	a special sound to call a kid		86
374	tok dağen	the first help from the shepherd to a new born lamb or kid to start sucking milk	ræw bærese tok bede	76

375	tolom	a number of ovines		78
376	tul	A puppy	= tile sæy	77
377	tur wabiðen	to become wild (of a quadruped)	ine secy	83
	·	` /		83
378	vorza hiši	a prepared ox for plowing		
379	wa duš kerģen	twice milking of a cow or <i>Hæl-lal-gušt</i> at a time		249
380	wæhæ	an interjection to run a cow		260
381	wæhš	an interjection to run off/ shoo a goat		260
382	wærændil	a three-years old ewe	rarely used	256
383	wærgerniðen	rumbling of a dog before attack		256
384	wærgetehesten	rolling in the dust caused by a dog attack		256
385	wærtizgeniðen	to buck, to kick (donkey or Hærom-gušt)		254
386	wahæ	an interjection to run a cow		254
387	wahei kerðen	to push a cow ahead		253
388	worza	a castrated ox		255
389	wuru	an interjection used by a farmer to make the ploughing animal go towards up-field		259
390	yabu	a castrated riding horse		270
391	yæ somæ	one-hoofed; an animal with a round hoof such as <i>Hærom-gušt</i>		273
392	yagi	unruly horse		272
393	yal	mane		273
394	yal kæšiðen	fig. to be condemned; to remain silent		273
395	yalðin	horsehair		273
396	yex	an interjection to run off/ shoo a goat/ kid		262
397	уех	an interjection to run off/ shoo a goat and kid		273
398	yorgæ	a charming way of walking by a horse		273
399	yorgæ ræhðen	to prance		273
400	yorgæ ræw	a horse that prances		273

401	zæhle gæp	an ovine or cow-disease (Atro-kenin)	142
402	zæhm-derišom	cut or wound mark on an ovine or heivenôw body	142
403	zænjir-æwsar	the metal nose-gear of heivenõ ^w	142
404	zærð	a beige cow	141
405	zarniðen	to bray	141
406	zar=o-zik	braying of a donkey $+ heiv\tilde{o}^w$	142
407	zehe	female animals'genitals	143
408	zik-e-zak	the sound of a horse or mule calling for food	144
409	zikniğen	the sound which a horse utters while another horse is passing by or when he is hungry	144
410	zin	saddle	145
411	zir-dini	a rope that passes under the tail to fasten the two sides of an animal covering together	144
412	zulæk-za	a cow that starts breeding early in life	143
413	χalur	yap (dog)	252
414	χerniðen	to growl	111
415	χοὄu/ Guðu	a donkey's foal	110
416	χοš-ræw	a quick and light-footed animal	112

Appendix 7 List of words and expressions related to plants

The meanings that are seprated here by; in Maddadi's is seprated by different numbers

Table 7: Plants

	pronunciation	English meaning	comments	p.
1	æbol	Scots pine	Pinus sylvestris	19
2	ælæf	grass; herb; fodder; weed		
3	ælæf holong	grass		175
4	ælæfe hur-der	a kind of weed that tears nomadic carpet bags		-
5	ælæf-e tæw- siæk	a herb that is used to cure Malaria		175
6	ælæf-tæhlæ	a bitter herb that grows in the cold areas		175
7	æliəG	coarse grinded barly that is used as fodder		175
8	ændæšt	a herb that looks like garlic chive and is used to cure constipation, has atrong bitter taste that brings tear into eyes		24
9	ængir	grape		25
10	ænjir	fig		-
11	æw lele	herb, brewed for chest pain.		29
12	æwændul	an anti-bloating wild herb, cooked in yoghurt and then eaten.	Photo in Appendix 8	30
13	æw-čirn	herb, brewed for cold.		27
14	æwrešom	thyme	Photo in Appendix 8	27
15	æwrišom	thyme		28
16	æwšæ bæle	A plant similar æwšo to but with wider and hairy leaves		28
17	æwšo	Thyme used to cure commom cold.		28
18	agulæ	Hanging fruit; a tree full of fruit		17
19	aličæ	plum		17
20	ardæk	A stage in the growth of grains (wheat and barely) when the seeds are still powder-like.		15
21	ærgon	A kind of plant		20
22	æržen	millet		20
	ærzen	a kind of wild tree		-

23	asæl	honey, resin		175
24	asæl ginæ	the sap of milk vetch		175
25	baðþæri	A cold-region plant that moves with the wind		33
26	baðiyun	anise		34
27	bæč kerðen	to blossom		36
28	bæhmen	A barley-like wild herb. The sheperds should be careful that their ovine not to eat a lot of this plant, otherwise they'll get sick.		48
29	bæhmen piəč	Stipa capensis	Photo in Appendix 8	48
30	bæhmeni	bæmen-stricken, an animal that is sick due to eating too much bæhmen.		48
31	bæhmeni wabiðen	Becoming sick or dying due to eating too much bæhmen.		48
32	bækælu	Watercress	Nasturtium officinale Photo in Appen- dix 8	41
33	bælbælu	Lamb's ear, it is also called <i>pæšminæ</i> or <i>bælbæl-e guš</i> . It has flat, hairy leaves and grows along streams.	Stachys byzantina Photo in Appendix 8	42
34	bælg	leaf		42
35	bæn	wild pistachio	Photo in Appendix 8	43
36	bæne-kone-nu	the first harvest of the new crop		44
37	bænyæw	A kind of tree with very strong wood, Ash or European Ash.	Fraxinus excelsior Photo in Appendix 8	44
38	bæræ-čær	A broad and spread forage that is used as fodder for the herd.		40
39	bærbim	sap; the sap of kelxong tree.		37
40	bærkæt	The harvest without straw		39
41	bærkæt zeiðen	To compile the clean grains of the harvest without straw in the stack		39
42	bærziær	cultivator, farmer, sower		38
43	bæzgi	non-irrigated harvest		40
44	bæzræk	Linseed; Linum usitatissimum		40

45	bafæ(e)	a bunch of harvested wheat or barley		35
46	bagelæ	broad bean		35
47	baham	almond		36
48	baharæ	spring planting		36
49	baleng	cucumber		35
50	balengæk	A kind of plant		35
51	balengõ ^w	A herb that is used to cure lung infection. Usually the seeds are used.	Photo in Appendix 8	35
52	baom	almond		35
53	baomjõ ^w	aubergin		-
54	bartæng	Plantain	Photo in Appendix 8	34
55	bawine	Camomille		36
56	bayinæ	a branch that is thicker than the rest		36
57	bayom	almond		36
58	bayom do- bo- lunæ	twin almonds		36
59	bayom tæhlæ	unsweetened almond		36
60	bayom-šeri	sweetened almond		36
61	belæ	the dried body of a wild celery		41
62	bele	the dried branches of some short and sparse bushes		43
63	belher	a celery-like plant which is smelly and bitter		43
64	belit	acorn; Oak tree		43
65	beram belit	'a kind of bush'		-
66	berenj pikæ	roasted rice		39
67	berenj sohr	red rice, a kind of cold-region plant used to cure diarrhea		39
68	berenjsuri	a pasture plant with edible seeds used to prepare a food	Photo in Appendix 8	-
69	berenjas	yarrow	Photo in Appendix 8	39
70	berenj-kali	paddy (rice-plantation)		39
71	bereze/beriəze	a kind of resin similar to chewing gum		38
72	beseð	coral		40
73	biəð/ð	willow		49
74	biəšæ	grove, thicket		50

75	bokote	the dried root of a fallen tree		41
76	bone	bush		44
77	bone bæsten	spreading of a plant on the ground (such as cucumber or tomato plants)		44
78	bone wænðen	spreading roots; growing of the grains		44
79	bone-kæn	to uproot		44
80	bone-kæn kerðen/ wabiðen	to become uprooted		44
81	bonjo kohi	a plant that is used for its sap		43
82	bor	the un-harvested crop		37
83	boriš	a kind of wild plant		40
84	bosohr	a cold-region plant like red spring onion, used to cure common cold	Allium haeman- thoides Photo in Appen- dix 8	40
85	bote	bush		36
86	bote zæri	A kind of bush with golden flowers used as fodder.		36
87	botolmæ	The trunk of a tree; the dried trunk of a tree		36
88	boz-bor	A kind of herb similar to tære kohi		40
89	bu-bu marõ ^w	Yarrow or Common Yarrow	Achillea mille- folium	44
90	bugænðæ	Ferula		45
91	bukele	a vase-like container for oil, made of zerešk leaves		45
92	but	An empty trunk of a tree used for watering the herd or leading water towrds a mill.		44
93	čaģeri	bran, crust		99
94	čæmænð	grass		104
95	čæræk čæræk	A pasture plant with bag-like flowers that when dried and pressed can sound something like čæræk čæræk	onomatopoeic word Photo in Appen- dix 8	-
96	čæwil	A fragrant plant that has two kinds in tropical and non-tropical areas. Nomads, cover meat by <i>čæwil</i> and keep it for later use on the next day.	Photo in Appendix 8	106
97	čæwk	A plant, its powder is served with yughort drink.		106

98	čæzæl	an unripe fruit		101
99	čal-čalæk	a kind of plant		100
100	čar-beģu	an edible plant		99
101	čawok	A cold-region plant		100
102	čai kohi	Mountain tea.	They brew and drink it.	-
103	čeģerwa	Aleo vera		101
104	čel-čel æworǫ́	a purple flower which grows in crops.	It is used to heal wounds.	103
105	čen-čen	ailanthus		104
106	čenģar	Oriental Plane	Platanus orien- talis	104
107	čeng čolofte	dried and powder-like forage		105
108	čert	tree buds		101
109	češm mizæ	a herb that is used for eye infection		101
110	čez	known popularly as felty german der ²⁸⁵	Teucrium polium It is used as anti-diarrhea and for the treatment of stomach ailments. Photo in Appendix 8	101
111	čiðer	a grass-like plant		107
112	čolulæ	chaff		103
113	ču-mæčæk	Almond tree wood		106
114	čurčome	turmeric		106
115	dægæl	meadow; abundant crop		123
116	dænge	unripe, raw		127
117	dærweniðen	to reap, to cut plants		121
118	dæsæ	bunch, a bunch of harvested wheat/barely		123
119	dæw-dæwi	bush of thorns moving around with wind		128
120	dal	lentil dahl		118
121	dar	tree		117
122	dar bælutæk	Oak tree		117

 $^{285.\} https://en.wikipedia.org/wiki/Teucrium_polium.$

123	dar bengeštõ ^w	Viscum	It is used to treat wounds	117
124	dar-dik	a tall tree		117
125	dar-dik kerðen	to cut a tree branches and leaves		117
126	das dæwn	a short and sparse crop		117
127	das ger	a full grown crop		118
128	dasæ	Wheat and barley blade		118
129	deker	a bifurcation branch that is used to seprate		124
		bafe from rivæ		
130	der	thorn bush, meadow		119
131	deræw	harvesting		120
132	derale	a thorny weed that grows in between grain crops and sticks to human body		119
133	dere	bush		121
134	dere dõ ^w	a thicket		121
135	dežgalæ	big straw		121
136	difæ	a thin and filed reed		131
137	din-be-kæh	a beaten stack, not completely seprated from straw		131
138	dinešt	Esfand, wild rue, Syrian rue	Peganum har- mala	132
139	din-hil	a verticillate plant with tiny white flowers		132
140	do šohme	bi-ploughed, a piece of land that has been ploughed twice		128
141	do-bælg	stripling wheat or barley with two leaves		127
142	dõ*-kæwg	a plant with tiny seeds that are partridges' food		128
143	dole	unripe (cucumber,)		125
144	do-mular	withered, semi-dried		129
145	dong zeiðen	ripening of <i>kelxong</i> ; turning of the <i>kelxong</i> 's color to livid		126
146	don-gol	the seed of a flower		126
147	dornæ	half-beaten		120
148	dornæk	beaten rice, rice crumb		120
149	dunit	a cold-region bush that is used as fod- der		129

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150	e/ænar	pomegranate		24
151	eškæm- derdæ(e)	Capparis spinosa, the caper bush, also called Flinders rose	=legeji Photo in Appendix 8	21
152	espidar	poplar		20
153	espiduš	a kind of wildling		20
154	fæsxil	a pasture plant with yellow flowers and white sap	Photo in Appendix 8	-
155	faG	branch		181
156	faš	blossom		181
157	faš kerðen	to blossom		181
158	fenje	seed		182
159	fenje-sia	a kind of herb (lit. black seed)	It is a herb that is supposed to protect people from an evil eye. ²⁸⁶	182
160	fiyale	a kind of wild plant	= fiyalæ	182
161	gænðom-čar- tohm	a sort of wheat with a quadrilateral spikelet and white floret and seed		216
162	ggæræ	sparse wheat crop		216
163	ghuši	a sort of wheat with a quadrilateral spikelet and white Awn and seed		216
164	gkakayi	a sort of wheat with black Awn and Palea and yellow seed		216
165	gkori	= <i>ša-pesænð</i> , wheat		216
166	gšæh-das	a sort of wheat with a quadrilateral spikelet and black Awn and seed		216
167	gšæti	a kind of wheat with full and uniform seed		216
168	gsaf-huš	a wheat with full grown spikelet		216
169	gša-pesænð	a sort of wheat which does not have amns		216
170	gsohræ	a kind of wheat with narrow and red- dish grains		216
171	gtiə-be-yæk	a kind of wheat without the middle line		216
172	gzær-ðong	a sort of wheat with narrow and quadrilateral spikelet and yellow Awn and beige seeds		216

286. They sew it in a corner of the clothes of a person who is suspected to have such a harmful look/ eye.

173	gziri	a sort of wheat with narrow spikelet,	216
		tiny beige seeds, rough and strong stems. The flour of this kind of wheat	
		has a better quality than gænðom-	
		tohmi	
174	gabore	a kind of pasture plant usually called ælæf-e gabore	-
175	gæhræ	a thin and low-grown crop; a newly grown grain crop	218
176	<i>Gælæ</i>	cultivated wheat and barely; grains	179
177	<i>Gælæblæb</i>	a bush with wide and thick leaves	179
178	gænðæl	a kind of plant used to dying strings yellow	216
179	gænðom-muri	a kind of plant that grows near ants nest	216
180	gænðom- tohm-i	a grainy kind of wheat with blavk awns	216
181	gærðen-xæl	a kind of plant	208
182	gære	a sparce crop	210
183	gære- mændæk	a kind of bush that grows in cold regions	178
184	дærme-ru	growing of the grass after the rain and subsequent sunshine	210
185	gæšæ(e)	the seprated branches of trees	212
186	Gæwðæ	a bunch of wheat and barley; wheat stem	179
187	Gæwðæ zeiðen	to grow; to cut wheat and barley from the stem	179
188	GæyaG	a grass used as fodder	180
189	gæz	manna; a tree with thorns	211
190	gæzær	a spring plant with wide leaves that is eaten with yoghurt when cooked.	211
191	gæž-dinæk	a seed that its initial stages of growing has stopped in the ground	211
192	gæž-dinæk kerðen	growth failure of the crop	211
193	gæz-gæzuk	nettle	211
194	gagiəle	a kind of plant	206
195	ga-giərğe	the circular furrows at the end of plough	206
196	ga-lisæ	a kind of herb	206

197	geč	a young and; a newly grown twig	207
198	gečel	bush; a low growth tree; a thin twig	207
199	geðir	a kind of plant	207
200	gefe	a bush of twisted thorns used to make fire	212
201	gelæk	a poisionous plant like <i>lopo</i>	213
202	giəle	a non-tropical bitter plant like <i>berenj-</i> suri	219
203	gel-e bærð	mountain Henna; Lichens	213
204	gelhær	a non-tropical plant with wide and poisionous leaves	214
205	gel-pok	a kind of mushroom that breaks the soil to grow	213
206	gel-wor-mol	kind of mashroom	214
207	gemæk	smoked rice	215
208	genģi	lentil	216
209	gen <i>ði doz</i>	tiny lentils	277
210	genði šæh	mung bean	216
211	genģi tæhlæ	wild asparagus with bitter quadrilateral seed	216
212	gereh kelur	stem node of wheat and barley	210
213	gešniz-kohi	a kind of wild coriander that is used to make a groom	212
214	gešniz-pikæk	a kind of herb, probably belonging to coriander family	212
215	giəf	a thorny plant	219
216	giəs mar	a kind of herb, similar to green parts of a shallot	219
217	gilæk	a poisonous plant for yæ some animals	219
218	ginæ	Milk vetch	219
219	ginæ ga mur	a short milk vetch	219
220	girðu	walnut	-
221	gohræ	harvested wheat	218
222	gol rowgæni	an orange, wild and edible flower that they mix with yoghurt or yoghurt drink	213
223	gol xæni	roselle	213
224	gol zærði	a non-tropical flower like saffron used as food spice	213
225	gol-bawinæk	Chamomile	213

226	gol-berenjas	yarrow	213
227	gol-verenjus gol-e ga	cow's flower, a kind of plant	213
228	gol-e gerðæ	a thorny bush with long stems and purple flowers that is said to cause night-blindness	213
229	gole-zæn kerðen	surface harvesting of the crop	214
230	gol-golin	flowery	213
231	gond-e kæwæ	a plant with oily bulbs and raddish- like leaves	215
232	gond-e sægu	a widling	215
233	Gora	abundant harvest; a vast agricultural field; to share fields for more harvest	177
234	goræ	a bunch of harvested crop	210
235	goræ zeiðen	to harvest the crop in bunches	210
236	gorgas	a plant with bitter and brown seed as big as barley	209
237	got-got	a kind of plant that is edible if cooked.	207
238	Guzæ	the head of an acorn; the skin of a wal- nut	180
239	guzærmõ ^w	Borage	217
240	hæftu	the bulb and flower of Fritillaria imperialis	263
241	hælæm	millet	267
242	hælæwæ	a poisionous tree; poision	267
243	hær čengal	a hairy paint that sticks to the wool and hair of ovines	263
244	hæræ-kal	cultivating rice in the mud	264
245	hæretil	a tropical plant like din-hil	264
246	hær-kuz	a plant like milk vetch but without thorn that grows in the middle of rocks	263
247	hær-zæhle	Oleander	263
248	har	thorn; thorn bush	261
249	har dere	a thorny bush	261
250	har kængær	Spear Thistle	261
251	har pærzin	a thorny bush	261
252	har šæh	the black thorn; it is a thorny bush with palm-like leaves and pink flowers that when dried and crushed, is used as fodder.	261

253	har se kot	triquetrous thorn which usually grows in the fields	261
254	har tele	the Spear Thistle bush that is a favorite fodder for donkeys.	261
255	har zærð	a yellowish kind of thorn	261
256	har zul	a kind of thorn bush that is used as fodder; its rasin is also used.	261
257	har zut	a non-tropical thorn	261
258	har-dar	thorny	261
259	har-dong	thorn seed	261
260	har-e ke'o	a pasture plant; fodder	-
261	helahel	a poisonous plant	266
262	herkul	a non-tropical plant used as fodder when dried. The fresh ones can be fatal.	263
263	hermu	pear	264
264	hešmurd	an Astragalus-like bush with a bitter taste by which they cover the roof of buildings.	265
265	hei be dæræ	an aperient herb	271
266	hiəzõ ^w	the beginning of thr growth of a plant	271
267	hiwæ	firewood	272
268	holær	a non-tropical bush with pea-like tri- quetrous seed which is Flatulence-in- ducing; Vetch	266
269	holeng	a kind of grass	267
270	horma	dates	263
271	hormoji	a kind of plant	264
272	hormorzi	a broad bean-like vegetable	264
273	hošgaræ	dried branches	264
274	howši	a kind of wheat with long and thin grains	270
275	huš	inflore; cluster	269
276	huš dašten/ kerðen	to grow/ have inflore	269
277	huš-do-sær	twin inflore	269
278	jæft	the inside peel of acorn	93
279	jærg	the bud or blossom of a tree; twig	92
280	jærg	branches of a kind of tree	92
281	jaz	a kind of bush that grows a lonside of streams and rivers	91

282	<i>jazestõ</i> ^w	a place where jaz grows		91
283	jeke	chopped acorn		93
284	jekel	low-growth plant; small or sparse grown		93
285	jiģe	an aquatic plant with which they make sheds and baskets		96
286	jiģer	a grass-like plant		96
287	<i>jo</i>	barely; a measurement unit that equels one-sixteenth of the land		95
288	jo čar-næræ	a quadrilateral gutter		95
289	jo jizõ ^w	fried picked barley used as nuts		95
290	jo kaka	black barley		95
291	jo kore	fried picked barley used as nuts		95
292	jo peygom- bær-i	a kind of barley that is similar to wheat	lit.barley-pro- phet- ATTR	95
293	jo šæš-næræ	a kind of barley with hexagonal ear		95
294	jo širæ	unripe barley		95
295	jo šõ ^w e	a kind of barley that its inflorescence looks like shoulders		95
296	joke	greenery and grass; a small tree		93
297	jowz	a fragrant herb that is put into cheese water		95
298	kæ:rræ	a fig-like tree		191
299	kæh	straw, chaff		202
300	kæh-be-ðær	wind blowing the harvest		202
301	kæh-be- dæst(ð)	compiled harvest		202
302	kæh-beh	collecting the grainless straw from the harvest		202
303	kæhre	wild fig	kærre	202
304	kæmo	a non-tropical plant		196
305	kængær	Spear Thistle		-
306	kærso	a kind of herb that its powder is served with Kabab		189
307	kæškela	a thorny bush with a spherical fruit with a edible core		192
308	kæweli	a tropical plant that grows in summer		201
309	kæwuðæ	Aspan tree		201
310	kæzeræk	a kind of plant		191

311	kaka	a sort of wheat		186
312	kakol zeiðen	tied wheat branches		186
313	kal=o bæhš kerðen	to cultivate a land everyother year		186
314	kala	planter; farmer; crop		186
315	kalniðen	to plough; to cultivate		186
316	kal=o-wora	to plant and harvest crop		186
317	kal=o-wora kerðen	to plant and harvest; to do agriculture		186
318	karðin	a non-tropical sour plant that looks like spring onion	kardi	185
319	kase-kisen	a pasture plant with bag and bowel like appendices, they use it to cure toothache		
320	kasulæk	a kind of plant		185
321	kat	decayed acorn		185
322	kazul	a tropical autumn plant that is used for its sap		185
323	keģi/kiģi	courgette		188
324	kef-kefi	a kind of triquetrous thorn		193
325	kelæws	wild celery		196
326	kelur	stubble, the stems of harvested wheat and barley left in the field; the seat of a harvested crop		196
327	kelur kal kerðen	to plough in a field that has stubble		196
328	kelxong	a tree with the same name that has dark green and oily fruit eaten in combina- tion with fried wheat and <i>ben</i>		194
329	ker-pelik	thorn bush; small tree		189
330	kesen	ervil or bitter vetch	Vicia ervilia	191
331	keikæ	the core of acorn without ræwgæ and still with jæft		203
332	keikæ-dõ ^w	a place to keep the peeled acorns		203
333	keikom	Maple tree		203
334	kiər-sægi	a wild flower that mostly grows in Andika		203
335	koh ru	a tree that grows on the mountains; a short and low-growth tree		277
336	kolæwæ	cap; sepal, the first peel of a fruit		196

337	kolæwæ gænðu	a kind of plant	196
338	kole	small pieces of wood	196
339	kolk	tree leaves	194
340	kolor	a plant like spring onion with underground bulb that is eaten by fox, birds and jackal	194
341	konar	Ziziphus tree and its fruit	199
342	konặæ	tree roots	199
343	koněæ zeičen	to cut the tree roots; to uproot the roots	199
344	konặelu	tree trunk	199
345	konji	Sesame	199
346	kor-čæl	barley and wheat stem nodes; the remaining of wheat and barley stems and clusters that obatacles the winnowing of threshold	189
347	koruk	a small kind of Pomegranate	190
348	kot	the peduncle that connects a fruit to the branch	187
349	kotke	a peeled acorn	187
350	kotõ ^w	cotton; a kind of plant	188
351	kotol	tree trunk	187
352	kotolu	tree trunk	187
353	kučen	a bush with non-edible seeds	200
354	kuler	a kind of grass	201
355	kuræk	a kind of wheat pest that makes the grains black	200
356	kuzær	wheat seeds that keep their crust after threshing	200
357	lægom	a kind of plant that grows alongside waters	223
358	lægom	a tropical plant that is used to make sheds	224
359	læhæ/lehe	cooking acorn on a rock that is placed on the fire	227
360	læle	bush, bosk	224
361	læm-lur	cooking acorn	225
362	læm-lur kerðen	to cook acorn on a fire that is made by burning thorns	225

363	læwæ	measurement unit for counting thorn or konar bundles; a bed or shed made of reed and straw; a herb like ændæšt that is one of the ingredients of ašh-e dug (yoghurt thick soup)		226
364	læwæ-pæliz	shallot leaves and bush		226
365	lal	tulip		221
366	legeji	a bush with a small melon-like fruit	Photo in Appendix 8	224
367	lek	tree branch		224
368	leli-sohr	a kind of lili		224
369	ler	grove		222
370	lešk lešk	branch by branch		223
371	lešk/læšk	aa tree branch		223
372	lete	the outer peel of fresh almond; a tree like <i>œrzæn</i> with cherry-like fruit		222
373	lewð	a thin branch (almond tree)		226
374	liəle	sagebrush		-
375	litor	a small bulb		227
376	log kerðen	decay of seeds		223
377	lopo	an edible, non-tropical herb		222
378	lort	a bunch of dates		222
379	mæčæk	wild almond		231
380	mæker	sparse crop		234
381	тæти	a corriander-like herb with anti-bloating use		236
382	mærg	green grass		232
383	mæwr	grass		237
384	mamasur	a herb like Saffron but with a salty taste		230
385	mat	the amount of crop to be harvested in one go		229
386	mati	an attribute for a farmer who can not harvest a <i>mat</i> on time		229
387	mati wabiðen	to become a <i>mati</i> , a loser		229
388	maxari	the first plough of the field		229
389	mehlæw	Cerasus Mahaleb that is used by women for its fregrance	Photo in Appendix 8	238
390	mekehesten	to be come withered		234
391	melal	a tropical tree with dark red bark		235

392	melmelas	a plant with wide and slimy leaves		235
393	menj	a newly grown grass		236
394	menj zeiðen	sprouting of grass		236
395	merð-bor	a poisonous and mushroom-like plant		232
396	merzi	a kind of grain similar to mung bean		232
397	mes-mestæk	an edible plant		232
398	теги	Licorice		232
399	milow	a kind of wild tree		
400	miyæs	a tree on which a bee-hive is attached		239
401	mo/mæw	grapevine		237
402	močæ	a herb similar to mint		231
403	mojurtæ	abundant grass by the edge of a field		231
404	molarniðen	to wither		234
405	mug	a plant with edible roots		237
406	mulahesten	to become withered		237
407	murt/ð	myrtle	MP: mōrd	237
408	musir	shallot	Photo in Appendix 8	-
409	nærmæ	the beaten harvest ready for winnowing		243
410	næruk	the new grown branch and stem of plants that grow straight upwards		243
411	næruk daðen	the flourishing of plants in a way that branches grow straight upwards		243
412	nar-ģong	pomogranat seed, a pickled souce made by thses		241
413	narenj	sour orange		241
414	nešxar	big straw		244
415	nei	reed		247
416	nimbul	lemon		248
417	nišg	lentil		248
418	nok zeiðen	the sprouting of a plant		245
419	ποχο	pea		243
420	noχõ»æk	Trigonella grandiflora Boiss, its fruit looks like a cut nail	Photo in Appendix 8	243
421	nu-renð	a newly grown branch		246
422	nu-renő zeiően/kerően	to germinate, to sprout, to grow new branches		246
423	nur-tuwal	pommegranate peel		246

424	nuše-wa	the first harvested wheat crop		246
425	olg	dried grass		23
426	pa kuta(h)	a short and scarse crop		55
427	pælgar kerðen	to grind wheat		62
428	pæliz	shallot leaf		62
429	pær	leaf		57
430	pær be sær	crop not grow enough to harvest		57
431	pær gæwg	a letus-like wild plant		58
432	pær keluri	the first person on the right side of a row of harvestmen; the last person on the left side is called <i>mir mat</i>		58
433	pær torošæk	Sorrel, a herb with wide leaves and sour tase	Rumex acetosa cultivar	57
434	pær wa men kerðen	to collect the harvested bunch of crop from around the field in the middle		59
435	pær-e piəš	brushwood; dried leaves; dried thorns and branches		57
436	pærk kerðen	the sprouting of the trees in the spring		58
437	pærkasulæk	a herb that is used to heal the toothache		58
438	pærpelõ ^w	trees foliage		57
439	pærwænģ	a kind of plant used as fodder		59
440	pærz	thorn shrubs and dried branches of trees		57
441	pærz gerehðen	to surround a place or thing with <i>pærz</i>		58
442	pærzin	thornbush; hedge; a place surrounded by thorns and dried foliage		58
443	pærzinestõ ^w	a place where a lot of <i>pærzin</i> grows		58
444	pærz=o-pelõ ^w	foliage and thornbushes		58
445	pæšminæk	a wild plant with wide and hairy leaves		61
446	pæχtar	pruning of the trees		56
447	pæxtar kerðen	to prune the trees		56
448	patæwæ	a plant used as fodder		54
449	ра-ха	to crush with foot: the harvested crop is divided into several bundles and then pound or beat them with foot and count them as the first $pa-\chi a$, second $pa-\chi a$,		54
450	payi	one-fifth of the harvest given as fare to cultivators		56
451	pelite	a bud		62

452	per	arranging the harvested barley in a circular way in the harvest ground	57
453	per gerehően	to germinate, growing of the new leaves of the trees	58
454	per zeiðen	arranging the harvested barley in a cir- cular way in the harvest ground	58
455	perč	a kind of plant that is used to make broom; it is also used to make sheds or ropes	57
456	perčæk	a very thin reed that grows in the water	57
457	perčelæk	tree branch	57
458	perčelõ ^w	a place where <i>perč</i> grows	57
459	perg	a newly grown branch	58
460	perk	spring blossom, fresh grown leaves	58
461	pexæl	a mixture of grain and straw that is left at the end of winnowing the harves and is given to animals as fodder	56
462	pičæk	ivy	65
463	piəc-pičæk	a weed that grows in the crop and prevents harvesting	65
464	piəš-kal	early tillage; an earlier than planted tillage	67
465	piəš-kali	to start an early cultivating	67
466	pifæ	a wildling with small bushes, the leaves of which are powdered and then mixed with gunpowder and fird with flint; the rotten core of an oak tree that is mixed with gunpowder to make fire using a flint	67
467	pigæ	hay straw	67
468	pinæ	pennyroyal	67
469	pirewõ ^w	a plant like mushroom that grows under oak trees. They cook it under ash and eat it.	66
470	piš	rice straw	66
471	piar	dried forage	65
472	piaz ruwa	a widling	65
473	pizor	a small konar	66
474	pizor-gia	a herb that is used to cure burn injuries	66
475	pokesten	to sprout	61
476	poiniðen	to sprout, to germinate	64

477	purenő-e gænőom	wheat chaff	63	
478	pust-tuwal	pommegranade peel	64	
479	qælænðær	a non-tropical plant that looks like celery	184	4
480	qænǧerõ™	Turpentine	184	4
481	qæsil	unripe wheat and barley used as fodder for ovines	184	4
482	qæwa-ðer	a plant like <i>bæmen</i> but bigger	184	4
483	qæzi-yagi	a non-tropical plant that is used in making Ash Reshte, a traditional thick soup	183	3
484	qafele-koš	a plant like <i>zerru</i> that grows in sunshiny places	183	3
485	qarč	wild white mushrooms that grow on the mountains of Bakhtiari <i>eilag</i> . These are used both as food and medicine. They keep them dry and use a mixture of mushroom powder and milk to remove parasites from human intestines.	-	
486	qoðumæ	a plant with herbal seeds	183	3
487	ræg-muri	a wild flower with oily seeds smaller than peas	134	4
487	ræz-e ru	a grapes like tree with a fruit that is not edible	134	4
488	rebge	the core of an acorn, a peeled acorn	133	3
489	rebjel	acorn's peel	133	3
490	rengæh	abundant spring flowers	136	6
491	rewge	The middle peel of acorn, under the acorn cap and above jæft	136	6
492	rey kerðen	amplification, the unexpected increase of the product	138	8
493	riəmelek	a tree like <i>konar</i> with a smaller and sour fruit	139	9
494	riəšæ	root	138	8
495	riəwas	Rhubarb	-	
496	rišæ be koh	a dill-like plant with a sharp taste consumed with bread	-	
497	rišulæk	root	138	8
498	riwæ(e)	the circular arrangement of harvested barley	139	9
499	riwæ(e) dašten	to arrange the harvested bunches of barley in a circle	139	9

500			122
500	ročolæk	the growing of grass	133
501	rojol	the suface peel of the acorn	133
502	rokolok	abortive crop; frostbitten	135
503	rokolok kerðen	growth failour, to be bitten by frost	135
504	ronje kerðen	to peel acorns	136
505	šæ-das	a kind of wheat with a quadrilateral cluster and big grains and black awn	168
506	šæl	the combination of several bunches of harvested crop	164
507	šæl zeiðen	to arrange the bunches of harvested crop in the threshold	164
508	šælæm	the sap of plants	165
509	šælæm zeiðen	the end of blossoming which indicates the end of season for bees	165
510	šæl-beh kerðen	to beat the harvested bunches of wheat in the threshold	164
511	šæltok	rice shell	164
512	šæn	a non-tropical plant	166
513	šæng kerðen	to rummage the harvest at the time of threshing	166
514	šæng-e-šir	two kinds of plant, one edible and the other is used for its sap	166
515	šæræ	a net that is used to carry the crop from fields to the threshold	161
516	sær-beh	to collect somebody else's crop along- side one's own for a wage	149
517	sær-ðasi	some food product such as flour and sugar given to harvestmen at the beginning of harvest	150
518	sær-hær-gæzi	a stage in the growth of grains that is big enough for grazing	153
519	sær-hiəš	a kind of help to Toshmals at the end of harvest	153
520	šær=o-šohm	to plough the field without grains to reinforce the land	162
521	sæwl	cedar	156
522	sær-xærmen	the time of harvesting	150
523	šæti	a wheat with a narrow and long Awn	162
524	šæwðær	clovers	166

505		4 1: 10 11		156
525	sæwzæ	grass, the dried fodder		156
526	sæwzæ zeiðen	the cutting of the grass		156
527	sæwzæpa	the guardian of the meadow		156
528	sæwzæwar	The meadow		156
529	sæwzæwarõ ^w	a green place full of grass		156
530	sæwzæzar	The meadow		156
531	sæwzelő ^w	The meadow		156
532	ša-pesænģ	a kind of good wheat		161
533	ša-tæræ	an edible herb like raddish		161
534	se pestõ ^w	Common names include Lasura, Assyrian Plum, Pidar, Panugeri, Naruvilli, Geduri, Spistan, and Burgund dulu wanan	Cordia myxa	156
535	šeft(ģ)	the dried tree leaves		163
536	šefte-čin kerģen	arranging the harvest for threshing		163
537	šekærte	a limited area of crop; a small field		163
538	šen	a tall tree that grows in rocky land		169
539	sena	a kind of plant		154
540	senjet(ð)	silver berry, oleaster, Russian olive,or wild olive	Elaeagnus angustifolia	154
541	šente	the pile of crop- bunches in the threshold		166
542	siəlæ kerðen	to make siəlæ		158
543	siəlæ/silæ	the roasted unripe wheat grains to eat		158
544	siəlæ-čin kerðen	the harvesting of the unripe grains		158
545	siəw	apple		159
546	siəw zomini	potato		159
547	siəwe kerðen	to put the harvested crop in the stack		159
548	šiəl	a long branch		169
549	šiəl ronģen	to sprout; growing of a new branch		169
550	šir-bengeštõ ^w	a plant with small seeds;	Vitex agnus-cas- tus!	168
551	šire-masniģen	the hardening of thesoft seeds of wheat		169
552	sir-kohi	wild garlic that grows in the grain fields		157
553	šir-širæk	a herb with a milk-like sap		169
554	širt kæšiģen	the growth of plants		169
555	sisæmbol	Breckland thyme, Thymus serpyllum		158

556	sisten	hawthorn, thornapple, May- tree, whitethorn, orhawberry	Crataegus = sistæ/ sise/ sisen	158
557	sohðen	withering of grass before growing fully		156
558	sohræ	a kind of wheat		157
559	sohrõ"	a piece of land with red flowers and without grass		157
560	sohrõ ^w i	a not very vast sohrõ ^w		157
561	sok-pinæ kerðen	the sprouting of a plant		153
562	šomi	water melon		166
563	šοχ	a kind of bush		162
564	šozešten	to plough		162
565	sufalæ	the wheat stem		156
566	sur-æw	a kind of plant of cold areas		155
567	sust(ð)	bran		156
568	šuχ	a kind of plant		166
569	tæftalæ	dried apricot		75
570	tæg	a wild tree with a fruit similar to cherry		77
571	tæhlæ	a kind of grass used as fodder		85
572	tæk-e tein kerðen	shaking of a tree to pick up its fruits		76
573	tæmatæ/e	tomato	English loan	79
574	tæmrix	a kind of plant		80
575	tænezu	a kind of plant of cold areas		82
576	tæp	almond twig		70
577	tær bor	to cut unripe plants/ grains		71
578	tæræ/e	Allium ampeloprasum		-
579	tæræ kohi	wild leek		73
580	tærke	twig, a newly grown branch		72
581	tærző ^w	Tarragon	Artemisia dra- cunculus	71
582	tag	a tree with an olive-like fruit		70
583	telænjewin	Manna		78
584	tengest	a kind of tree		81
585	teten	tobacco		71
586	tiðe-mari	a kind of thorny plant with small seeds		87
587	tiģere	wild raspberries		87

588	tiəð,	berry		87
589	tiəð	berry tree		-
590	tif	the freshly grown wheat and barley		88
600	tif zeiðen	sprouting of wheat and barley		88
601	tif-e ru	good harvest		88
602	tilæ piaz	small onion		89
603	tim	the young bush plant ready to be transplanted		89
604	tim dašten	to have transplantation		89
605	timæ	transplantation		89
606	timæ nahaðen	to plant the freshly grown transplantation		89
607	tim Įõ v	the place to plant grains		89
608	tohm kerðen	to grow seeds; the increase of the plant- ed seeds at the time of harvest		85
609	tohm rehðen	to sow, to plant		85
610	tohmær	the share of each partner from the harvest after threshing; the amount of harvest increase known after threshing	tohm-mær	85
611	tohmi	a grainy wheat with black awn		85
612	tolg	log; firewood, a broken long branch		78
613	tolom	acorn blossom		78
614	tong	tree trunk		81
615	tongo	spiky seed; thorn bush		81
616	tongo petæwæ	a kind of spiky seed and bush		81
617	tongo pæšma- lu	roud seeds with plenty of spikes		81
618	tongo pičpičæk	an spiral kind of thorn		81
619	tongo xersi	a kind of spiky seed that resembles a bear		81
620	tongo χæli/	a kind of cresent-like thorn seed		81
621	tongo katõ	a sphere-like thorn bush		81
622	tongo holeki	an spiky and sphere-like seed		81
623	tongohi	a bush with spiky seeds; a thorny bush		81
624	torb-e ga	a wild grown plant	Photo in Appendix 8	71

625	torob	raddish		71
626	tor-toru	black and round seeds found among grains, especially mixed with wheat grains		71
627	toruk	grape berry; an unripe grape		73
628	toruk kerően	to separate grape berries from a bunch (inflorescence)		73
629	toruk wabiðen	the separation of grape berries from a bunch (inflorescence)		73
630	toto	sumac	Photo in Appendix 8	82
631	totom	sumac		82
632	tule	malva	Photo in Appendix 8	83
633	tu-wal	the dried peel of a pomegranate		84
634	wær boriðen	to cut; picking up the plants		254
635	waho kerģen	the growth of the plants, the beginning of plant growing		254
636	vez	a kind of bush		258
637	vezg	a kind of non-tropical tree		258
638	χærð	coarse-grinded barely; fodder		112
639	χærmen	harvest		112
640	χærmen bæhre	the share of the harvest that goes to players of Toshmal		112
641	χærmenja	threshold		112
642	χæsil	unriped wheat		112
643	χæyar	cucumber		114
644	χæyar-gorg	colocynth, bitter apple, bitter cucumber, desert gourd, egusi, or vine of Sodom	Citrullus colocynthis Photo in Appen- dix 8	114
645	χar-χæsæk	a three-pointed thorn that grows in the fields		111
646	χar-χosbæk	a kind of thorn that grows flat on the ground		111
647	χοηčæ	bud		113
648	yonjo	alfalfa	medicago sativa	-
649	yonjo bæzgi	dryland farmed alfalfa		-
650	yonjo kohi	mountain-barely/ wild barely		-

651	zægut	a tree with a bitter fruit, considered to be from hell	142
652	zæhr-mari	a kind of plant	144
653	zær-æwi	a fragrant herb with spread and pointed leaves that is used as anti-bloating	142
654	zærðali	apricot	-
655	zær-ðong	a yellow wheat grain	141
656	zal	a newly grown wild celery	141
657	zai	Alum	141
658	zeģi	gum tragacanth; the sap of a tree called bada	141
659	zerešk	a plant that its leaves are used to make a bukele	142
660	zeru	tropical Astragalus that doesn't have sap	142
661	ziər-dasi	a short and under-grown crop	145
662	zõ ^w ga	a plant that is grown in the gardens.	143
663	zome	moss; the greeneries that grow on moisty places	142
664	zozo	a poisonous mushroom	143
665	zul	a thorny plant that is edible for humans and animals and they also extract its rasin for use.	143

Appendix 8 Pictures related to plants

The following pictures are related to some of the plants listed in table 7 of Appendix 7.

Table 7, no.12 æwændul "



Table 7.14 *œwrešom* 'Thyme'



Table 7.32 bækælu 'Watercress'



Table 7.29 bæhmen pioč 'Stipa capensis'



Table 7.33 *bælbælu* 'Lamb's ear'



Table 7.35 bæn 'wild pistachio'



Table 7.51 balengõ**



Table 7.68 berenjsuri



Table 7.37 bænyæw 'Ash'



Table 7.54 bartæng



Table 7.69 berenjas 'yarrow'



Table 7.84 bosohr



Table 7.96 čæwil



Table 7.151 eškæm-derdæ(e)



Table 7.94 *čæræk čæræk*



Table 7.110 čez



Table 7.154 fæsxil



Table 7.366 *legeji*



Table 7.408 musir 'shallot'



Table 7.624 torb-e ga



Table 7.389 mehlæw



Table 7.420 noχõ^wæk



Table 7.630 toto 'sumac'



Table 7.632 tule 'malva'



Table 7.644 χæyar-gorg 'colocynth'



Appendix 9 Words and terms related to oak tree and acorn

Table 9 below is the original extracted list from Maddadi (1996) that contains 39 words and terms related to *belit*, but it was reduced to 24 as presented in table 3.2.18 and 3.2.19 of the book (see section 3.2.3). The reduced list contains all the words that are known by the Hamule consultants where as some of the words in this appendix may also be used by other Bakhtiari communities

Table 9: belit (acorn/oak tree)

No.	Bakhtiari word	English meaning	comments	p.	
1	æsom	a metal tool to collect the hot acorns under the fire	mæqaš	21	
2	belit	acorn/oak tree		43	
3	beram belit	a kind of bush		-	
4	dar bælitæk	oak tree		117	
5	gæmu	the skin of oak		215	
6	gedeli	a special bag hanging to the neck for collecting acorn	turbæ	207	
7	GUZÆ	the cap of the acorn		180	
8	jæft	the inner skin of the acorn		93	
9	jeke	chopped acorn	jæfkæ	93	
10	jeld/t	a long piece of wood used to shake off acorn from the tree	for all tree	94	
11	kælg	acorn flour. Acorn paste.		195	
12	kælg-e tæk- tæku	acorn paste, rapped into a special cloth ready to be baked.		195	
13	kælg-dæsti	acorn bread		195	
14	kælg-hævir	the sweetened acorn paste		195	
15	kælg-kombizæ	-		195	
16	kælg=o regu	Special acorn bread baked while rapped in a cloth.	regu	195	
17	kælg-e pænjulæ	acorn paste baked in the manner of making <i>towčiri</i> (another local bread)		195	
18	kælg-pætir	a mixture of wheat flour and acorn paste		195	
19	kælg-sa	a special stone for grinding acorn		195	
20	kat	a rancid acorn		185	
21	keykæ acorn core without rebge, but still with or without jæft			203	

22	keykæ-dő ^w	a place for keeping peeled acorns	sælæ	203
23	kot-e belit	Peduncle: <i>Botany:</i> The stalk of an inflorescence or a stalk bearing a solitary flower in a one-flowered inflorescence.		187
24	kotke	a peeled acorn		187
25	læhæ lehe	cooking of acorn on a flat piece of stone with fire underneath.		227
26	læm-lur	cooking of the acorn		225
	læm-lur kerðen	cooking of the acorn on direct fire		225
27	mus	a ball of acorn paste		237
28	pifæ	the rotten core of the oak tree	It is used with a mixture of gun powder and fir stone to light fire.	67
29	rebge	the green or outer skin of the acorn		133
30	rebjel	the outer skin of the acorn		133
31	regu	the cloth on which the acorn paste is spread for later cooking.	=kælge belit	135
32	revge	the main and middle skin		136
33	rebge kænðen	to skin an acorn		276
34	rojol	the outer skin of the acorn		133
35	ronje kerðen	peeling of the acorn		136
36	šil	a long branch		169
37	tælu	mashed acorn	be hamechi egon	78
38	tæw kerðen	a sweetening process by soaking acorns in the water in <i>sæle</i> to let it get 'fever'.		83
39	tolom	oak bloom		78

Appendix 10 Bakhtiari verb classes

	Past stems ending in -est					
No	Past stem	Present	Gloss			
1	×.1	stem	l de main es			
1	ænjeh-est-	ænjeh-	to mince			
2	ænj-est-	ænjeh-	to be cut into pieces			
3	ærz-est-	ærz-/iærz-	to cost			
4	bændæh-est-	bændæh-	to be cut, to clot			
5	bæšχ-est-	bæšχ-	to be forgiven			
6	bal-est-	bal-	to grow, to go up			
7	bar-est-	bar-	to rain			
8	bateh-est-	bateh-	to swell			
9	baz-est-	baz-	to dance			
10	belaz-est-	belaz-	to shine (fire), to blaze			
11	beris-est-	beriz-	to become roasted			
12	bohr-est-	bor-	to break, to give up			
13	bureh-est-	bureh-	to grow			
14	derdeh-est-	derdeh-	be torn			
15	deteh-est-	deteh-	to become worried; to become messed up			
16	jom-est-	jom-	to move quickly			
17	fič-est-	fič-	to bound, to spring			
18	kæhn-est-	kæhn-	to be dug			
19	kerčeh-est-	kerčeh-	to become wrinkled; to curdle; crestfallen			
20	kuh-est-	kuh-	to be beaten, to be bruised			
21	kulah-est-	kulah-	to be clotted (of blood)			
22	lærz-est-	lærz-	to shiver, to tremble			
23	lerteh-est-	lerteh-	to be burnt (hair/ skin)			
24	paš-est-	paš-	to sprinkle, to spray			
25	pazeh-est-	pazeh-	cracking of the skin due to cold or other causes			
26	pelah-est-	pelah-	to become withered			
27	perbel-est-	perbel-	to tatter, to break into pieces			
28	pergeh-est-	pergeh-	to walk fast (out of anger); to wither			
29	peškeh-est-	peškeh-	to become scattered; to become widspread			
30	pezuh-est-	pezuh-	to melt; atrophy (laqar shodan!)			
31	pok-est-	pok-	to explode; to blossom			
32	polof-est-	polof-	to collapse, to burst			
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33	šokeh-est-	šokeh-	to be startled; to be afraid	
34	šureh-est-	šureh-	to be washed away	
35	terik-est-	terik-	to get goosbumps	
36	tozgeh-est-	tozgeh-	to chip off; to break bones	
37	varkoluh-est-	varkoluh-	to be bruised; to be twisted (of bones)	
38	volah-est-	volah-	to massage; to be massaged	
39	zæh-est-	zæh-	to be beaten; to be wounded	
40	χæhr-est-	χæhr-	to be eaten	
		Past ste	ems ending in -iợ	
41	ængen-ið-	ængen-	to beg	
42	ænjen-ið-	ænjen-	to cut into pieces	
43	ærn-ið-	ær-	to grind	
44	æšn-ið-	æšn-	to listen	
45	bahš-ið-	bahš-	to give, to forgive	
46	berčen-ið-	berčen-	to shine	
47	berezn-ið-	berezn-	to roast, to barbeque	
48	burn-ið-	burn-	to moo; to low	
49	dærgen-ið- dærgen-		to turn over	
50	ga-ið- ga-		to screw	
51	gelež/sn-ið-	gelež/sn-	to swollow	
52	jošn-ið-	jošn-	to boil	
53	kæš-ið-	kæš-	to pull, carry; weigh; spread; help cow mating	
54	kemn-ið-	kemn-	to eat, to swallow, to devour	
55	kuz-ið-	kuz-	to chew	
56	lern-ið-	lern-	to rotate/spin; to baa, bleat (lamb and ewe)	
57	nal-ið-	nal-	to groan, to complain	
58	påh-ið-	på-	to eye, to watch	
59	påln-ið-	påln-	to filter	
60	pazen-ið-	pazen-	to crack, to split	
62	pelårn-ið-	pelårn-	to have a slip of the tongue	
61	perækn-i ð-/ peræin-ið-	perækn-/ peræy-	to sneeze (a sheep)	
63	pergen-ið-	pergen-	to scatter	
64	pergen-ið-	pergen-	to help to escape	
65	pern-ið-	pern-	(cause to) jump, to fling	
66	perzen-ið-	perzen-	to mix, to mingle	
67	pešken-ið-	pešken-	to scatter; to spread rumors	

68	pofn-ið-	pofn-	to swell; to demolish
69	pogn-ið-	pogn-	growling of bear; unreflective utterance
70	ræs-ið-	ræs-	to reach; to arrive
71	romb-iǧ-	romb-	to collapse, to turn to ruin
72	šæl-ið-	šæl-	to limp
73	såh-ið-	så-	to grate, rub
74	šaš-ið-	šaš-	to piss, to urinate
75	tasen-ið-	tasen-	to break seeds and nuts with teeth
76	var-ma-lið-	var-mal-	to massage, to rub; to roll back the sleeves
77	wola-iǧ-	wola-	to massage
78	zå-h-ið-	zå-	to give birth
79	χænd-ið-	χænd-	to laugh, to smile
80	χær-ið-	χær-	to buy; to accept
81	χæws-ið-	χæw-	to sleep
	,	Past s	tems ending in <i>-að</i>
82	ænjen-að-	ænjen-	to cut into pieces
83	ešken-a <i>ð</i> -	eškæn-	(cause to) break
84	ferešn-að-	ferešn-	to send
85	fešn-að-	fešn-	to send
86	nah-að-	nah-/-n-	to put
87	suzn-að-	suzn-	cause to burn, to put on fire
88	wašken-aǧ-	wašken-	mating of a rooster and a hen; to massage one's back by pressing hard
89	χæwn-að-	χœwn-	to put to sleep

SAMENVATTING IN HET NEDERLANDS

Dit proefschrift gaat over het Bakhtiari, een Iraanse taal uit het zuidwesten van Iran. Op basis van veldwerk en interviews wordt er een grammatica (klank- en vormleer) en een semantische analyse van verschillende betekenisvelden in het Bakhtiari gepresenteerd.

In hoofdstuk 1 worden de redenen voor de keuze van het Bakhtiari als onderwerp van onderzoek besproken. Daarnaast worden de achtergrondstudies van dit onderzoek behandeld, evenals de methoden die werden gebruikt om dit onderzoek uit te voeren. In het laatste gedeelte van dit hoofdstuk worden verschillende ideeën voor verder onderzoek aangedragen. Hoofdstuk 2 bevat een kritische discussie van de sociohistorische achtergrond van de Bakhtiaris, op basis van participatieve observatie. De hierin verkregen nieuwe inzichten spreken soms de bestaande opvattingen over dit onderwerp tegen. Hoofdstuk 3 presenteert een sematische studie die op deze manier nog voor geen enkele Iraanse taal was uitgevoerd. Er bestond geen model om dit onderzoek te doen en daarom was het een onderzoek vol uitdagingen. Het hoofdstuk bestaat uit twee delen. In het eerste deel worden de semantische velden van verwantschap termen en lichaamsdelen bestudeerd op basis van de bestaande theorieën van taalkundige universalia en woordcategorieën. Het tweede deel is een nieuwe studie van de Bakhtiari fauna en flora en zet de manieren uiteen waarop Bakhtiari nomaden hun natuurlijke omgeving classificeren (Ethno-taxonomie). De studie van etnische taxonomieën of, zoals het gewoonlijk wordt genoemd, de ethno-biologie, is relatief nieuw en tot op heden is er geen aandacht besteed in de Iraanse taalkunde. De nieuwe bevindingen die soms in strijd zijn met universalia gaan vergezeld van nieuwe verklaringen die zijn gebaseerd op de culturele geschiedenis van de nomaden. Hoofdstukken 4 tot 6 vormen het taalkundige gedeelte van de studie. In hoofdstuk 4 wordt een korte inleiding gegeven in het foneemsysteem van het hedendaagse Haftlang-lect van het Bakhtiari. Dit hoofdstuk dient als gids bij het bestuderen van het grootste deel van de woorden en zinnen in dit boek. Hoofdstuk 5 bestaat uit een uitgebreide discussie over nominale morfologie. Alle verschillende nominale categorieën worden besproken met voorbeelden verkregen tijdens talrijke periodes van participatieve observatie. Hoofdstuk 6 is een diepgaande beschrijving van de werkwoorden van het Bakhtiari. Er wordt een nieuwe classificatie van de werkwoordgroepen geïntroduceerd. Deze classificatie is ontwikkeld met behulp van hedendaagse en historische data. De tien bijlagen bevatten woordlijsten waarvan de inhoud gedeeltelijk (1, 8) of volledig (2, 5, 6, 8 en 10) in het proefschrift voorkomt. De overige woordenlijsten (3, 4 en 9) worden niet in het boek besproken. Deze woordlijsten bevatten belangrijke onderzoek data die gebruikt kunnen worden in toekomstige antropologische of filologische studies.

CURRICULUM VITAE

Sima Zolfaghari is born in Gachsaran in southwest Iran in 1967. After graduating in experimental science from Hazrate Fatemeh (Anahita) high school in Ahvaz, she moved to Tehran to start her Bachelor's degree in English Language and Literature at Shahid Beheshti university. After obtaining her B.A. degree she started working as a freelance translator for National TV and several cultural magazines and also teaching English at different language institutes. She then turned her attention to Linguistics and in 1996 received her Master's degree (completed cum laude) in General linguistics from Allameh Tabatabi university. Her work on Bakhtiari language and people has started from the MA period and has continued to the present time. She then moved to the United States to follow her PhD in UCSD university but after a couple of months she had to return back to Iran due to her family situation. After a year of working as a translator and studying Sanskrit in the Society of Philosophy and Wisdom (Anjoman-e Hekmat-o Falsafe), she got the first rank in the competitive entrance exam of Tehran university and started her second MA in Ancient Iranian Languages and Cultures. Since 1995 she has also started a series of humanitarian and cultural activities among Bakhtiari nomads through which she has become familiar and attracted to Anthropological studies, hence cooperation with the Athropological Society of Iran ever since. In 2007 she was awarded a scholarship to attend a conference and a summer school on Documenting Endangered Iranian Languages in Chritian-Albrechts-Universität zu Kiel, Germany. In the same year she attended the second Leiden summer school in Languages and Linguistics where she met her future promoter (Alexander Lubotsky) and supervisor (Michiel de Vaan). In 2008 she moved to The Netherlands with her family to pursue a PhD degree. In September 2009 she started her PhD in the Indo-European department of Leiden university center of Linguistics (LUCL) which resulted in the present dissertation: The Bakhtiaris: An Anthropological-linguistic study of Haft Lang nomads of southwestern Iran. Since September 2016 she gives Persian language lessons at the Academisch Talencentrum of Leiden university.

STELLINGEN

behorend bij het proefschrift

The Bakhtiaris: An Anthropological-linguistic study of Haft Lang nomads of southwestern Iran

van

Sima Zolfaghari

- 1. The assumed hierarchical structure of the Bakhtiari tribe is not a genealogical branching of this people, but rather a socio-political organisation that was created not earlier than the 19th century by the appointed chiefs and the central government of the time (Section 2.2.1 of this dissertation).
- 2. The study of Bakhtiari flora and fauna reveals certain categorical and nomenclatural behavior that does not support either the intellectualistic or the utilitarian approach to ethnobiology as it is represented in the literature. In the existing taxonomies the role and importance of religious beliefs in shaping peoples' world view and the way they classify all natural and physical beings tends to be overlooked. The Bakhtiari classification, especially the categorization of fauna, seems to have roots in pre-Islamic, and more specifically, in Zoroastrian beliefs as presented in some Avestan and Middle Persian sources (Section 3.2 of this dissertation).
- 3. Family and tribal relationships are of paramount importance for the Bakhtiaris, hence the abundance of vocabulary and terms for addressing these relationships with precision. In comparison with six established basic kinship patterns that anthropologists have observed among various cultures around the world, the Bakhtiari system shares the most with the Sudanese kin classification. This system is the most descriptive of all, in the sense that it assigns a distinct term to each and every member of this network (Section 3.3.1 of this dissertation).
- 4. The word *Lang* in the important Bakhtiari terms Char Lang and Haft Lang does not mean 'leg', but probably has the same meaning as the lexeme in toponyms such as Langrud (a city in Northern Iran), Langān (central Iran), Sālang (Afghanistan) to name just a few. The lexeme signifies a meaning related to pasture, ploughing, location or river, the exact meaning of which needs further investigation (*Section 2.2.2 of this dissertation*).
- 5. In Bakhtiari, there is a quite frequent allophone of d which has been described (Sadeghi 1989: 3) as post-dental, voiced fricative. Sadeghi thinks that its pronunciation is comparable to the one of \dot{a} in classical Persian. I agree with the place of articulation,

but in the speech of most of my informants it sounds more like a voiced approximant. This segment, represented in the present research by [4], does not create a semantic distinction and usually occurs in intervocalic position or word finally. Findings such as this in other Iranian languages can be used in reconstruction of the inventory of the Proto-Iranian language.

- 6. In order to explain the various past and present stem formations in Bakhtiari, Prods Oktor Skjærvø's description of Parthian and Middle Persian verbs (Skjærvø 2009: 213) proves to be applicable, since the patterns which he identified at the Middle Iranian stage are still valid for Bakhtiari. In other words, it can be said that in Bakhtiari, as in the Middle Persian and Parthian, verbs with past stems ending in *-est*, *-ið*, and *-að*, are regular. In order to form the present stem, it is enough to remove these endings.
- 7. The Bakhtiari passive morpheme -(e/i) h- can be suffixed to the active present tense of the verb. The past stem is then formed by adding -est/-ist to the present passive stem. This morpheme -(e/i) h- is historically the same as the passive marker morpheme -īh in the Middle Persian, which was lost in New Persian. This shows that Bakhtiari and other Modern Iranian languages are relevant for the reconstruction of earlier stages of Iranian.
- 8. The terms Lor, Kurd and Baluch do not signify any specific ethnic groups. These tags were probably first used, as indicated in Ferdowsi's *Shahname*, to label different forms of nomadism such as pastoral, agro-pastoral and transhumance nomadic lifestyles, that were practiced by different peoples on the Iranian plateau.
- 9. Many spiritual teachers advocate the importance of silence as the only way towards THE TRUTH. This is not new information as it has been repeatedly preached in different languages all through the human history. One of the most beautiful phrasing of the same concept is manifested in Rumi's below verses:

I shall dissolve letters, sounds and words
To converse with Thee, deprived of all those
(Rumi; my translation)

The acceptance of this fact is very disheartening for linguists who have spent all their lives studying letters, sounds and words!