

Migration patterns, legends and historical records Quentin Devers

▶ To cite this version:

Quentin Devers. Migration patterns, legends and historical records. Nicolas Tournadre; Hiroyuki Suzuki. The Tibetic Languages, an introduction to the family of languages derived from Old Tibetan, LACITO UMR7107-CNRSv, pp.615-617, 2023, 9782490768080. hal-04259378

HAL Id: hal-04259378 https://hal.science/hal-04259378v1

Submitted on 26 Oct 2023

HAL is a multi-disciplinary open access archive for the deposit and dissemination of scientific research documents, whether they are published or not. The documents may come from teaching and research institutions in France or abroad, or from public or private research centers.

L'archive ouverte pluridisciplinaire **HAL**, est destinée au dépôt et à la diffusion de documents scientifiques de niveau recherche, publiés ou non, émanant des établissements d'enseignement et de recherche français ou étrangers, des laboratoires publics ou privés.



This book is an introduction to the family of languages derived from Old Tibetan. These languages are spoken on the Tibetan plateau, in the Himalayas and the Karakoram. The Tibeticspeaking area is nowadays located in six countries: China, Pakistan, India, Nepal, Bhutan, and Myanmar. Some of the smallest languages are seriously endangered, and likely to disappear soon. In the first chapters, sociolinguistic and anthropological aspects of the Tibetic societies are presented, as well as information about the main religions of the Tibetic area – Buddhism, Bön, and Islam. The book includes a presentation of the main phonological and grammatical characteristics found in the Tibetic languages, and also provides information about the Tibetan script and the written languages used in the area. A whole chapter is devoted to dialectology and the presentation of the main linguistic characteristics for each section of the Tibetic area - Southeastern, Eastern, Northeastern, Central, Southern, South-western, Western, and Northwestern. The book also includes a historical and comparative dictionary presenting the main lexical differences between the modern languages, as well as their etymologies in Classical Tibetan. It presents the lexical correspondences between the major Tibetic languages: Central Tibetan, Tsang, Amdo, Kham, Dzongkha, Lhoke (Sikkim), Sherpa, Balti, Čentral Ladaks, Purik and Spiti. In order to explain the interactions with other language families, we have provided a presentation of the contact languages, which essentially belong to other Tibeto-Burman branches, as well as Sinitic, Mongolic, Turkic, Indo-Aryan, Iranic, Germanic (English) and Burushaski language families. This work includes three appendices. The first two deal with toponymic information and provides the names of the main mountains, rivers and lakes of the Tibetic area. The third appendix includes several detailed maps presenting the locations of the Tibetic languages and dialects. It also offers maps of the natural and human environments, as well as the administrative units of the area.

Nicolas Tournadre is a linguist, member of the Academic Institute of France (IUF), and Professor emeritus at Aix-Marseille University. During the last 35 years, he has conducted extensive fieldwork research in Tibet and the Himalayas, as well as in Central Asia. He has been an invited keynote speaker in numerous conferences, and has given talks on the five continents. Among his prominent publications are *L'ergativité* en tibétain moderne: Approche morphosyntaxique de la langue parlée [Ergativity in Modern Tibetan, morphosyntactic approach of the spoken language] (1996), the Manual of Standard Tibetan [with S. Dorje] (2003), Le grand livre des proverbes tibétains [with F. Robin] (2006), Sherpa-English and English-Sherpa dictionary [with L. N. Sherpa, G. Chodrak and G. Oisel] (2009), Le prisme des langues [The prism of languages] (2014) and Vegetal meditations and mineral reflections (2022).

He is a polyglot, and knows many languages affiliated to nine language families across Eurasia.

Hiroyuki Suzuki (D. Litt. in linguistics) is a lecturer in Chinese language studies at Kyoto University, Japan. He has conducted fieldwork for more than 20 years in the eastern Tibetosphere, focusing on minority languages and communities. His main research interests are descriptive linguistics, geolinguistics, dialectology, and sociolinguistics of the languages in the Tibetosphere. He is the author of the following monographs: Dongfang Zangqu zhuyuyan yanjiu [Study on languages in the eastern Tibetosphere] (2015), 100 linguistic maps of the Swadesh word list of Tibetic languages from Yunnan (2018), and Geolinguistics in the eastern Tibetosphere: An introduction (2022). He is also the co-editor of Linguistic atlas of Asia (2021) and The Oxford guide to the Tibeto-Burman languages (forthcoming).

The book includes originals maps designed by Xavier Becker and digitized by Alain Brucelle.

Published with the support of the IUF, LACITO and KAKENHI







ISBN: 978-2-490768-08-0



Photo and cover design: Leh, Ladakh, India, August 15th, 2022 Magur Sanggye Gyatso

> free online version available at: http://lacito-publications.cnrs.fr

Nicolas Tournadre and Hiroyuki Suzuki Foreword by Randy J. LaPolla

The Tibetic Languages

An introduction to the family of languages

derived from Old Tibetan

अन्येग्या हैन्य केन्य स्वाय केन्य विश्व अन्येग्या है अनुस्थित केन्य विश्व केन्

ने भुष्यदे छेव रस्य सहव द्रार्ट छैष्ट दशुर सेद ग्रीस सहस्रा

> Diversité des langues 2 Villejuif, 2023

ISBN: (version papier): 978-2-490768-09-7
ISBN: (version électronique disponible sur http://lacito-publications.cnrs.fr): 978-2-490768-08-0
Licence Creative Commons 4.0 (CC By NC ND 4.0): https://creativecommons.org/licenses/by-nc-nd/4.0/deed.fr

Collection *Diversité des langues* sous la direction de Sebastian Fedden secrétariat d'édition : Raphaëlle Chossenot (raphaelle.chossenot@cnrs.fr) LACITO-Publications UMR 7107, Campus CNRS de Villejuif, 7 rue Guy Môquet, 94801 – Villejuif, France

Les auteurs expriment leur gratitude à Raphaëlle Chossenot, chargée d'édition des LACITO-Publications, pour la relecture et l'édition de l'ouvrage.

Couverture conçue par Magur Sanggye Gyatso Illustration : Leh, Ladakh (Inde), 15 août 2022

Tous droits de reproduction, de traduction et d'adaptation réservés pour tous pays.

Diversité des langues 2



Nicolas Tournadre and Hiroyuki Suzuki

The Tibetic Languages: An introduction to the family of languages derived from Old Tibetan

© lacito, 2023 Dépôt légal : 3º trimestre 2023

About the authors:

- Nicolas Tournadre is professor emeritus of linguistics at Aix-Marseille University and member of the Academic Institute of France (IUF).
- Hiroyuki Suzuki is a linguist, specialist of the Tibetic languages and geolinguistics, currently a Lecturer in Chinese language studies at Kyoto University, Japan.

About the contributors:

- Randy J. LaPolla is Professor of Linguistics at Beijing Normal University, China, and Senior Associate at Nanyang Technological University, Singapore. He wrote the foreword of the present book.
- Xavier Becker is a former *Professeur Agrégé* of geography. He designed seven original maps for this book and contributed to the elaboration of the map indexes.
- Alain Brucelle is a former Professor at the École Nationale des Sciences géographiques, Paris, and a specialist in geographic information systems (GIS) and cartography. He carried out the digitization of the maps.
- Quentin Devers is an archaeologist at the French National Centre for Scientific Research (CNRS, Paris). He specialized in the archaeology of Ladakh and contributed to the North-Western section *Migration patterns, legends and historical records*.

Notice:

This book has been peer-reviewed. We would like to thank all those who took part in this evaluation process.

Published with the support of the IUF, LACITO and KAKENHI







Table of Contents

Foreword	13
Preface	16
Acknowledgements	18
Conventions	25
Transliteration	25
Phonetic transcription	26
Romanization	26
Standardization issues	28
Examples and glosses	30
Abbreviations	31
PART 1. – Ethnocultural, sociolinguistic and geographic backgr	rounds
1. Introduction	39
1.1. The purpose of this book	39
1.2. The definition of 'Tibetic' as used in this book	41
1.3. Traditional terms for written and spoken Tibetic languages	47
1.4. Difficulties related to fieldwork	48
1.5. General remarks about language names	51
2. The Geography and the People	53
2.1. Territory and administrative divisions	53
2.2. Traditional toponyms and modern designations	55
2.3. Environment and geography	56
2.4. Landscape and architecture	59
2.5. Populations	61
2.5.1. Ethnic groups and ethnonyms of the Tibetic area	61
2.5.2. Some terminological issues about <i>Bod, Bhoti, Bodhi</i> and <i>Bodyig</i>	67
2.5.3. Traditional ethnonyms	71
2.5.4. Population figures	76
2.6. Geographic distribution of the languages	79
2.7. The main Tibetic languages	84
2.8. Endangered languages and dialects	86
3. Sociolinguistic and Cultural Background	89
3.1. Socio-economic background	89
3.2. Religious traditions	99
3.3. Sociolinguistic background	103
3.3.1. The dialects of pastoralists and cultivators	103
3.3.2. Monasteries as cultural melting pots	105
3.3.3. The relationships of Aristocratic families across the region	107

3.3.4. Respectful register	108
3.3.5. Gesar epics	117
3.3.6. Dialect blending	117
3.3.7. Code-mixing and code-switching	118
PART 2. – Descriptive approach to Tibetic languages	
4. Proto-tibetic and old Tibetan	123
4.1. Methodology for the reconstruction	124
4.2. A dialect of Old Tibetan used as a basis for the written language	124
4.3. Archaic reflexes found in some modern language	126
4.4. Characteristic features of Proto-Tibetic	129
5. The Tibetan Script	137
5.1. The script and its origin	137
5.2. The Syllable Structure	143
5.3. Calligraphic styles	148
5.4. Ornamental scripts	154
5.5. Graphic abbreviâtions	154
5.6. Printing techniques	155
5.7. Reading and spelling styles	156
5.8. Adaptation of the script to modern Tibetic languages	158
5.9. Transliteration	168
5.10. Derivation of romanization from transliteration	174
5.11. Other scripts of the Tibetic area	177
5.12. The 'Phags-pa script	178
6. Literary Tibetan and its Evolution	181
6.1. The various stages of the literary language	181
6.2. The liturgical language of Vajrayana and Bön	183
6.3. The earliest written sources	184
6.3.1. Stone pillars	185
6.3.2. Epigraphs	186
6.3.3. Inscriptions on bells	186
6.3.4. Manuscripts or scrolls	186
6.3.5. Wooden table	187
6.3.6. Palm-leaf documents	187
6.4. The literary genres	187
6.5. Some remarks about Old Tibetan	190
6.5.1. Spelling characteristics	190
6.5.2. Lexical characteristics	193
6.5.3. The three linguistic reforms	194
6.6. Essential morphological features of Classical Tibetan	196
6.6.1. Nominal morphology	196

6.6.2. Adjectival morphology	202
6.6.3. Verbal morphology	202
6.6.4. Auxiliary verbs	206
6.6.5. Connectives	208
6.6.6. Verb and clause nominalization	209
6.7. The relation between Tibetic languages and Classical Tibetan	209
6.7.1. Impact of the literary language on modern Tibetic languages	210
6.7.2. Impact of modern Tibetic languages on Literary Tibetan.	211
6.7.3. The written language and the reconstruction of protoforms	214
7. A Phonological Outline of the Modern Tibetic Languages	215
7.1. Pandialectal phonetic description and its transcription	215
7.2. The main characteristics of pandialectal segmental phonology	218
7.2.1. Modes of articulation	218
7.2.2. Vowels	222
7.2.3. Phonotactics	223
7.2.4. Vowel harmony	233
7.3. Suprasegmentals and tonogenesis of the Tibetic Languages	234
7.3.1. Pitch tones	235
7.3.2. Register	240
7.3.3. Stress	241 242
7.3.4. Prosodic patterns	242
7.4.1.1. Regular reflexes of Old and Classical Tibetan	243
7.4.2. Summary of the main differences	255
7.4.3. Classical Tibetan forms corresponding to modern sounds	257
7.4.4. Pace of sound changes	263
7.4.5. Types of sound changes and their geographic distribution	265
7.4.6. Archaic phonological features in Tibetic languages and dialects	265
8. Grammatical Outline of the Tibetic Languages	271
8.1. Noun phrase	272
8.1.1. Ñoun	274
8.1.2. Personal Pronoun	278
8.1.3. Interrogative proforms	281
8.1.4. Demonstrative	285
8.1.5. Definiteness markers	287
8.1.6. Quantifiers and Numerals	290
8.1.7. Adjective	293
8.1.8. Ideophones	306
8.1.9. Case marking	308
8.1.10. Number	315
8.2. Postposition phrase	318
8.3. Verbal predicate	321

8.3.1. Predicate without auxiliary verb	321
8.3.2. Predicate with auxiliary verb	324
8.3.3. Copulative and existential verbs	330
8.3.4. Auxiliary verbs	339
8.3.5. Secondary verbs	341
8.3.6. Lexical verbs	343
8.3.7. Verbal composition	356
8.3.8. Inflectional morphology	361
8.3.9. Morphophonemic alternations of the verb	369
8.3.10. Suppletive forms	373
8.3.11. Causative derivation	374
8.3.12. Causative verbs	377
8.3.13. Nominalizer	378
8.3.14. Connective	379
8.4. The semantics of the predicate	379
8.4.1. The aspectual opposition 'completed' versus 'uncompleted'	379
	381
8.4.2. Tense-aspect 8.4.3. Evidential modalities	389
8.4.4. Epistemic modalities	441
8.4.5. Deontic modalities	446
8.4.6. Intentional modalities	446
8.4.7. Specific features of the Evidendial-Epistemic systems	448
8.4.8. Directionality	459
8.4.9. Interrogative and tag question	461
8.4.10. Imperative and jussive	461
8.4.11. Negation	463
8.5. Interjection	466
8.6. Summary of the main grammatical differences between the Tibetic languages	46/
9. Inner Classification of the Tibetic Languages	469
9.1. Previous works on the classification	469
9.2. Our classification	473
9.3. The South-eastern section	479
9.3.1. Migration patterns, legends and historical records	481
9.3.2. Linguistic groups of the SE section	482
9.3.3. Geographic extent of the SE section	485
9.3.4. Number of speakers	489
9.3.5. Ethnic and sociolinguistic groups	489
9.3.6. Phonological characteristics of the SE section	490
9.3.7. Grammatical characteristics of the SE section	491
9.4. The Eastern section	498
9.4.1. Migration patterns, legends and historical records	499
9.4.2. Linguistic groups of the E section	500
9.4.3. Geographic extent of the E section	502
01	

9.4.4. Number of speakers	505
9.4.5. Ethnic and sociolinguistic groups	506
9.4.6. Phonological characteristics of the E section	506
9.4.7. Grammatical characteristics of the E section	508
9.5. The North-eastern section	512
9.5.1. Migration patterns, legends and historical records	514
9.5.2. Linguistic groups of the NE section	515
9.5.3. Geographic extent of the NE section	520
9.5.4. Number of speakers	529
9.5.5. Ethnic and sociolinguistic groups	529
9.5.6. Phonological characteristics of the NE section	529
9.5.7. Grammatical characteristics of the NE section	531
9.6. The Central section	535
9.6.1. Migration patterns, legends and historical records	538
9.6.2. Linguistic groups of the C section	538
9.6.3. Geographic extent of the C section	539
9.6.4. Number of speakers	542
9.6.5. Ethnic and Sociolinguistic groups	544
9.6.6. Phonological characteristics of the C section	544
9.6.7. Grammatical characteristics of the C section	545
9.7. The Southern section	551
9.7.1. Migration patterns, legends and hstorical records	553
9.7.2. Linguistic groups of the S section	554
9.7.3. Geographic extent of the S section	556
9.7.4. Number of speakers	559
9.7.5. Ethnic and sociolinguistic groups	561
9.7.6. Phonological characteristics of the S section	561
9.7.7. Grammatical characteristics of the S section	563
9.8. The South-western section	571
9.8.1. Migration patterns, legends and historical records	573
9.8.2. Linguistic groups of the SW section	573
9.8.3. Geographic extent of the SW section	574
9.8.4. Number of speakers	577
9.8.5. Ethnic and Sociolinguistic groups	579
9.8.6. Phonological characteristics of the SW section	579
9.8.7. Grammatical characteristics of the SW section	580
9.9. The Western section	587
9.9.1. Migration patterns, legends and historical records	591
9.9.2. Linguistic groups of the W section	592
9.9.3. Geographic extent of the W section	594
9.9.4. Number of speakers	602
9.9.5. Ethnic and Sociolinguistic groups	603
9.9.6. Phonological characteristics of the W section	603
9.9.7. Grammatical characteristics of the W section	605

9.10. The North-western section	610
9.10.1. Migration patterns, legends and historical records	615
9.10.2. Linguistic groups of the NW section	617
9.10.3. Geographic extent of the NW section	619
9.10.4. Number of speakers	624
9.10.5. Ethnic and sociolinguistic groups	625
9.10.6. Phonological characteristics of the NW section	625
9.10.7. Grammatical characteristics of the NW section	627
712017 I GIAMMAN GIAMM	02/
10. Contact Languages	637
10.1. The various language families in contact with Tibetic	637
10.1.1. Contact with Tibeto-Himalayan languages	638
10.1.2. Contact with rGyalrongic languages	638
10.1.3. Contact with Qiangic languages	639
10.1.4. Contact with Tani, Lolo-Burmese, Naic and Nungish languages	639
10.1.5. Contact with Sinitic languages	639
10.1.6. Contact with Indo-Iranian languages	640
10.1.7. Contact with Mongolic languages	641
10.1.8. Contact with Turkic languages	641
10.1.9. Contact with Burushaski	641
10.1.10 Contact with intrusive languages	641
10.2 Tibeto-Burman and Sinitic	642
10.3. Tibetic and Tibeto-Himalayan	647
10.4. Tibetic, rGyalrongic and Qiangic	659
10.5. Languages of the Tibetosphere	663
10.6. Methodology for the identification of a Tibetic language	672
10.7. List of the TB languages in contact with the Tibetic languages	679
10.7.1 Bodish languages (Tibeto-Himalayan branch)	679
10.7.2 Tshangla (Tibeto-Himalayan branch)	683
10.7.3 Tamangic (Tibeto-Himalayan branch)	684
10.7.4. West Himalayish (Tibeto-Himalayan branch)	686
10.7.5. Lepcha (Tibeto-Himalayan branch)	687
10.7.6. rGyalrongic languages	687
10.7.7. Qiangic languages	692
10.7.8. Nungish	699
10.7.9. Tani and Mishmi languages	700
10.7.10. Naic languages	701
10.7.11. Lolo-Burmese languages	704
101/111. 2010 Barmose languages	, 01
Part 3. – Tibetic Lexicon	
11. Lexical Features of the Tibetic Languages	709
11.1. Pandialectal vocabulary	709
11.2. Words without CT or OT correspondences	712

11.3. Typology of the main differences between the languages	712
11.4. Greetings in the Tibetic area	718
11.5. Kinship terms for 'brother' and 'sister'	724
11.6. Semantic differences	731
11.7. Ethnolexicon	736
11.7.1. Sociolinguistic features of the lexicon	737
11.7.2. The quasi-absence of some semantic fields	739
11.8. Etymology and word families	740
12. Historical and Comparative Tibetic Lexicon	
12.1. The aim of the lexicon	745
12.2. Results and limitations of the lexicon	747
12.3. Sources of the data	750
12.4. Transcription	750
12.5. Abbreviations and special signs	750
Lexicon	
Body (human)	752
The person, human activities and feelings	765
Religion and spirituality	791
Natural environment and geography	804
Space and time	818
Plants	834
Food	843
Animal	853
Clothing and household utensils	873
Cultural objects and abstract concepts	884
Building, infrastructure, transportation	904
Demonstratives, pronouns and proforms	913
Numerals	918
Adjectives, quantifiers and intensifiers	921
Verbs	944
English index of the HCTL	983
APPENDIX 1. – The main Mountains, Rivers and Lakes of the Tibetic Area	999
APPENDIX 2. – Elements of Toponyms	1009
APPENDIX 3. – Maps of the Tibetic area	1015
Bibliography	1075
Websites	1144
Post-scriptum	1147

The Tibetic Languages

11

LIST OF MAPS

Chapter 9	
Map IX.1: The linguistic area of the SE section	486
Map IX.2: The linguistic area of the Kham area	487
Map IX.3: The linguistic area of the E section	503
Map IX.4: The linguistic area of the NE section	528
Map IX.5: The linguistic area of the C section	543
Map IX.6: The linguistic area of the S section	560
Map IX.7: The linguistic area of the SW section	578
Map IX.8: The linguistic area of the W section	602
Map IX.9: The linguistic area of the NW section	624
CHAPTER 10 Map. X.1: The minority languages of the Eastern Tibetosphere	665
Appendix 3 (figures off-text)	
Map 1: The Tibetic-speaking area at the heart of Asia	
Map 2: The Tibetic linguistic sections	
Map 3: The Tibetic groups of dialects	
Map 4: The Tibetic languages and dialects	
Map 5: The natural environment of the Tibetic area	
Map 6: The human environment of the Tibetic area	
Map 7: The administrative units of the Tibetic area	

on their religion. In some marginal cases, one also encouters hybrid names made of both Tibetan and Persian or Arabic roots.

The main studies on the languages of NW section are: Read (1934), Sprigg (2002) and Bielmeier (1985; 2000) on Balti; Bailey T. G. ([1915] 1975), Rangan (1979), and Zemp (2013a; 2013b; 2016; 2018) on Purik; Francke ([1901] 1979), Koshal (1979; 1982), Zeisler (2004; 2007; 2011; 2012; 2014; 2018) and Norman (2001 reed. in 2005; 2019) on various dialects of Ladakh; Hoshi and Tondup Tsering (1978) on Zanhar. Bakula Rangdol Nima (2005) has written a 'Ladakhi grammar' (in Ladaks language). The CTDT also includes data from the NW section. Sharma (2004, Tribal languages of Ladakh, Part 3) on Brokskat and other languages of the area.

9.10.1. Migration patterns, legends and historical records

Ladakh is located at the strategic crossroad of nearly unavoidable routes leading to the Tibetan high plateau, which was once the production center of a variety of precious commodities such as gold, pashmina, musk, salt and iron. These resources were circulated along routes passing through Ladakh in direction of major trading centers, such as Khotan and Yarkand, located on the so-called southern Silk Road, the regions along the northwestern corridor of the Pamir and Hindukush ranges such as Gilgit, the Swat valley, Gandhāra and the Wakhan corridor and regions of the northern subcontinent such as Kashmir, Jammu, Kushuwar, Mandy, Lahul and Kinnaur (Rizvi 1999; Devers 2017). Unsurprisingly, various populations have coexisted and succeeded one another in Ladakh. Among the groups that we are able to trace, in addition to the Tibetans, there have been Dardic settlers, predominantly Brogpa, and also Shina. There have also been Turkic groups (Horpa), coming primarily from the Pamir corridor and from the Tarim basin. In some parts of the Dras and Suru valleys, there have additionally been Kashmiri and other Dardic populations. Finally, there used to be so-called 'Mon' communities, locally said to have come from Himachal Pradesh. As can be expected from such situation, numerous toponyms in Ladakh are not of Tibetan origin – examples are villages like Hemis, regions like Purik, and most probably Ladakh itself. As a testimony of this critical commercial location and diverse populations, Ladakh is the area of the Tibetan plateau with the greatest variety of scripts observed in rock inscriptions. In addition to the use of Tibetan script, we find historical inscriptions written in Kharoṣṭī, Brāhmī, Chinese, Sogdian, Tokharian, Arabic and Śāradā scripts.⁷⁸ It is also the area with the highest density of archaeological remains, being for fortifications, rock art, temple ruins, pre-Buddhist funerary sites, etc.

In the past, we can observe material differentiation between the eastern and western Indus valley: remains from the eastern parts, sometime associated by oral tradition to past Mon populations, display significant shared traits with the the Tibetan Plateau; remains from the western parts, commonly associated by oral tradition to Brogpa, Horpa and Balti populations, display stronger kinks with the Pamir corridor. A transitional area of mixed influences lies in the central belt that extends from the Indus-Zansgkar confluence to the confluence with the Gya brook. Parallel territorial variations can be outlined in Zangskar, Nubra and Purik, whereas in the westernmost fringes of the latter, Kashmiri and Shina influences are further noticeable (Devers 2018).

As can be expected in a country of considerable trading and mining wealth, these territories, as delineated by considerable material remains, evolved over the centuries, often considerably. Whereas ancient fortifications or toponyms relatable to the Brogpa can be found in all parts of northern Purig as well as in the Indus valley from Baltistan to the confluence with the Gya brook, Brogpa populations are now strictly confined to the lowest reaches of the Indus river, downstream of Hanu. More strikingly, the Mons have entirely vanished from the country.

Prior to the tenth century, the history of the territory corresponding to present-day Ladakh is largely unknown. We know that to the east, on the Tibetan high plateau, was Zhangzhung and to the west, along the Pamir corridor, was Balur (alt. Bolor). The exact borders of these two ancient kingdoms are unknown. In the light of the geographical distribution of the material remains that have been found, we may

^{78.} For examples of Kharoṣṭī and Brāhmī inscriptions see: Francke 1907. For examples of inscriptions in Sogdian, Tokharian, Arabic and Śāradā, see: Vohra 1994, 1995, 1999; Sims-Williams 1993; Francke 1907; Jina 1997: 53–55.

postulate that a frontier between them lay in central Ladakh. In other words, the Ladakh as we know it now may have been divided between two larger kingdoms. A domain covering both eastern and western Ladakh seems to have emerged only in the tenth and eleventh centuries under the name Maryul, when the West Tibetan kingdom of Ngari Skorsum progressively brought these territories under its control (Devers et al. 2016; Devers forthcoming b). An alternative name for Maryul was Mangyul, the two names being apparently interchangeable. ⁷⁹ Ladakh, on the other hand, appears to have then been only the name of a subdivision of Maryul around Alchi, from where the Namgyal dynasty originated. ⁸⁰ When this dynasty took control of Maryul in the mid-sixteenth century, the name Ladakh seems to have progressively been applied to the country as a whole.

9.10.2. Linguistic groups of the NW section

In 2011, Zeisler proposed a classification of the NW languages into two major groups: ᠳᠳav শ্লুচ 'GSHAM.SKAD sham-kä locally pronounced /Shamskat/ i.e. the 'language of Lower Ladakh' and ����� 'GYEN.SKAD Gyen-kä, locally pronounced /Kenhat/ i.e. 'language of Upper Ladakh'. Unlike most other dialects groups of the Tibetic area, the Highlanders speak 'innovative dialects' while Lowlanders speak 'archaic dialects'. Zeisler (2011) proposed the following describtion:

- "According to phonetic features alone, the various dialects spoken in Ladakh are presently classified [by Bielmeier 2004 and others] roughly in two main groups:
- Western Archaic Tibetan: the non-tonal 'conservative' dialects of the north-eastern and central areas: Baltistan, Purik, Lower Ladakh, Nubra, and Leh, showing initial and final consonant clusters.
- Western Innovative Tibetan: the 'innovative' dialects of the south-eastern areas: Upper Indus, Changthang, and Zanskar, where the clusters have been reduced and tonal features can be found."
- 79. For instance, in the seals of documents emitted by Nyima Namgyal found in Purig during surveys with Nils Martin, the Namgyals present themselves as the "rajas of Mangyul" (RNAM.RGYAL MANG.YUL RA.JA).
- 80. Howard was probably the first scholar to understand that Maryul and Ladakh were not synonymous: Howard 2005: 136–137. See also: Denwood 2008: 13; Devers forthcoming a.