

Contents

Acknowledgments XIX

List of Tables XXI

List of Figures XXIV

List of Abbreviations XXVI

Abbreviations Used in the CDTD XXVIII

1 Introduction 1

- 1.1 Purik 1
- 1.2 South and East Purik 3
- 1.3 Language Contact 4
- 1.4 Genetic Affiliation 5
- 1.5 Previous Research 7
- 1.6 Data 8
- 1.7 A Note on Pragmatics 11
- 1.8 The Method of Functional Reconstruction 12
 - 1.8.1 *Focus Marker* -pa 14
 - 1.8.2 *Augmentative* 'r(a) 17
 - 1.8.3 (g)cig 'one', *Indefinite* -(tʃ)ik 18
 - 1.8.4 *Pre-, Pronominal, and Clause-Final Demonstratives* 20
 - 1.8.5 *Contrastive* -na 22
 - 1.8.6 *Additive* -aŋ 23
 - 1.8.7 *Delimitative* -tsa 25
 - 1.8.8 *Onset-alternation* 25
 - 1.8.9 *The -s Suffix* 26
 - 1.8.10 *Testimonial Existential* duk, *Inferential* -suk, and *Potential* V-(t/n)uk 26
 - 1.8.11 *Quotative* (-)lo 27
- 1.9 Outline 28

2 Phonology 29

- 2.1 Synchronic Phonology 29
 - 2.1.1 *Phonemic Inventory* 29
 - 2.1.1.1 Consonants 30
 - 2.1.1.1.1 *Stops* 30
 - 2.1.1.1.2 *Affricates* 31
 - 2.1.1.1.3 *Fricatives* 32
 - 2.1.1.1.4 *Nasals* 32

2.1.1.1.5	<i>Liquids</i>	33
2.1.1.1.6	<i>Approximants</i>	34
2.1.1.2	<i>Vowels</i>	34
2.1.2	<i>Syllable Structure</i>	35
2.1.3	<i>Morphophonemic Processes</i>	37
2.1.4	<i>Stress</i>	39
2.2	<i>Diachronic Phonology</i>	48
2.2.1	<i>Introduction</i>	48
2.2.2	<i>Consonantal Changes from WT to Purik</i>	48
2.2.2.1	<i>Preradicals</i>	48
2.2.2.1.1	<i>s-</i>	49
2.2.2.1.2	<i>l-</i>	49
2.2.2.1.3	<i>r-</i>	50
2.2.2.1.4	<i>d-</i>	52
2.2.2.1.5	<i>g-</i>	52
2.2.2.1.6	<i>b-</i>	54
2.2.2.1.7	<i>Nasal Preradicals</i>	56
2.2.2.2	<i>Radicals</i>	58
2.2.2.2.1	<i>WT Voiceless Labial (p, ph) and Dental (t, th) Plosives</i>	59
	<i>Excursus: The Purik Retroflex Stops</i>	60
2.2.2.2.2	<i>WT Voiceless Velar Plosives (k and kh)</i>	66
2.2.2.2.3	<i>WT Voiced Plosives</i>	67
2.2.2.2.4	<i>Medial Labial Radicals Following Nasal</i>	69
2.2.2.2.5	<i>Prefixed and Unprefixed Affricates</i>	70
2.2.2.2.6	<i>Sibilants</i>	71
2.2.2.2.7	<i>Spirant</i>	72
2.2.2.2.8	<i>Nasals</i>	72
2.2.2.2.9	<i>Liquids</i>	73
2.2.2.2.10	<i>Approximants</i>	74
2.2.2.2.11	<i>A chung and a chen</i>	75
2.2.2.3	<i>Postradicals</i>	76
2.2.2.3.1	<i>WT r-clusters</i>	76
2.2.2.3.2	<i>WT y-clusters</i>	80
2.2.2.3.3	<i>Irregular Developments</i>	82
2.2.2.3.4	<i>Postradical w</i>	83
2.2.2.3.5	<i>WT Postradical l</i>	83
2.2.2.4	<i>Purik /ʁ/</i>	85
2.2.2.5	<i>Further Initial Clusters without a WT Source</i>	88

2.2.2.6	<i>Finals</i>	89
2.2.2.6.1	<i>Nasals</i>	89
2.2.2.6.2	<i>Velar and Uvular Stops</i>	90
2.2.2.6.3	<i>Syllable Final Plosive before Nasal</i>	91
2.2.2.7	<i>Postfinal -s</i>	92
2.2.3	<i>Vowels</i>	93
2.2.3.1	<i>WT e/a: Purik ja</i>	93
2.2.3.2	<i>Vowel Harmony</i>	96
2.2.4	<i>Contractions</i>	97
2.2.5	<i>Stress</i>	99
2.2.6	<i>Summary</i>	100
3	<i>Noun Phrases</i>	102
3.1	<i>Derivation</i>	102
3.1.1	<i>Suffixal Derivation</i>	106
3.1.1.1	<i>Monosyllabic Simplicies</i>	108
3.1.1.2	<i>-pa</i>	110
3.1.1.3	<i>-ba</i>	114
3.1.1.4	<i>-ma</i>	115
3.1.1.5	<i>Related Nominal Endings: P -wa, -ja, -a, -maq(s)</i>	116
3.1.1.6	<i>-p^(h)o</i>	118
3.1.1.7	<i>-mo</i>	120
3.1.1.8	<i>-bu</i>	122
3.1.1.9	<i>-k^ha</i>	124
3.1.1.10	<i>-tse</i>	124
3.1.1.11	<i>Non-syllabic Nominalizing Suffixes -s, -d (and -n?)</i>	126
3.1.1.12	<i>-tʃan</i>	130
3.1.1.13	<i>-met</i>	131
3.1.1.14	<i>-gaŋ</i> 'full of'	131
3.1.1.15	<i>-nte/-nʈe</i>	132
3.1.2	<i>Compounding</i>	132
3.1.2.1	<i>Copulative Compounds</i>	134
3.1.2.2	<i>Determinative Compounds</i>	135
3.1.2.2.1	<i>Determinative Compounds with Nominal Heads (Endocentric)</i>	135
3.1.2.2.2	<i>Determinative Compounds with Adjectival Heads (Exocentric)</i>	137
3.1.2.2.3	<i>Determinative Compounds with Verbal Heads</i>	139

3.1.2.3	Unanalyzable Polysyllabic Nouns	143
3.1.3	Reduplication and Assonance	144
3.1.3.1	Postlexical Use of Repetition	144
3.1.3.2	Reduplicated and Assonant Adjectives	146
3.1.3.3	X-(b)a-X Adverbials: 'Equally' ~ 'Continuously'	149
3.1.3.4	C(CC)... w... 'N and the like'	150
3.1.4	Augmentative Adjectives	151
3.2	Definiteness and Number	156
3.2.1	Definite Article -po ~ -u	156
3.2.2	Definite Plural -(u)n	171
3.2.3	Indefinite Article and Other Uses of -tjik 'one'	185
3.2.4	Conditional Indefinite kato	205
3.3	Demonstratives, Personal, Interrogative and Other Pronouns	212
3.3.1	Demonstratives	212
3.3.1.1	di 'this'	220
3.3.1.2	a(re) 'that (there, visible)'	226
3.3.1.3	e 'the other'	228
3.3.1.4	de 'that' (anaphoric)	234
3.3.1.5	ode 'that very'	239
3.3.1.6	dja 'that same'	241
3.3.2	Personal Pronouns	248
3.3.2.1	Overview	248
3.3.2.2	First Person	254
3.3.2.3	Second Person	257
3.3.2.4	Third Person	258
3.3.2.5	Emphatic, Reflexive, and Reciprocal Pronouns	260
3.3.2.6	Associative Locatives and ProN-i-ru/o 'the thing of N'	268
3.3.3	Interrogative Pronouns and Adverbs	271
3.3.3.1	su 'who'	271
3.3.3.2	tʃi 'what'	273
3.3.3.3	ga(ŋ) 'which'	281
3.3.3.4	nam 'when'	284
3.3.3.5	tsam 'how much'	284
3.3.4	Distributive Pronouns	286
3.3.4.1	rere '(one) each' and enclitic -re	286
3.3.4.2	raŋk ^h a soso 'each their own'	288
3.4	Case	289
3.4.1	General Remarks	289
3.4.2	Absolutive	291

3.4.3	Ergative	293
3.4.4	Dative	299
3.4.5	Terminative	310
3.4.6	Genitive	311
3.4.7	Locative	328
3.4.8	Inessive	333
3.4.9	The Evolution of -na	338
3.4.9.1	Ablative	342
3.4.9.2	Comitative, Instrumental	346
3.5	Discourse-structuring Morphemes	350
3.5.1	-na	350
3.5.1.1	Contrastive -na	350
3.5.1.2	Coordinating na 'and'	356
3.5.2	Additive -aŋ 'too, even'	361
3.5.3	Delimitative -tsa	365
3.5.4	Comparative -batsik	371
4	Sentences	374
4.1	Verbal Stems	377
4.1.1	Reconstructing the Verbal Morphology of Proto-Tibetan	378
4.1.2	Honorific Verbs	387
4.1.3	Argument Structure	387
4.1.3.1	General Remarks	387
4.1.3.2	Monovalent Verbs	389
4.1.3.3	Dative Experiencers	393
4.1.3.4	The Dative of the FEARED	395
4.1.3.5	Locative Arguments	395
4.1.3.6	The Comitative	399
4.1.3.7	Transitive Verbs	399
4.1.3.8	Ambitransitive Verbs	405
4.1.3.9	Extensions of the Ergative	407
4.1.3.10	Ditransitive Verbs	409
4.1.4	Indirect-causative V-tʃuk	410
4.1.5	The -s of Roots and Past and Imperative Stems	416
4.2	Infinite Verbal Forms	417
4.2.1	The Conjunctive -(s)e Participle	418
	Formal Properties	419
	Bi- and Monoclausal	420
	Reduplication of the Participle	423
	Clause-linking	423

	Finite Use	424
	Relativizing with <i>jot</i>	425
	Pragmatization of Verbs Following <i>-(s)e</i>	425
	Right Dislocation	427
	V-(s)e-r-ik	427
4.2.2	<i>The Progressive -en Participle</i>	428
	General Remarks	428
	Linking Clauses	429
	Finite Use	429
	Relativizing	430
	Before the Dynamic Auxiliaries (<i>tf^{ha}</i> and <i>joŋ</i>)	431
	Emphasized Continuity: Repetition or Lengthening	432
	Durative V-en-duk	433
	Continuous V-en- before an Existential copula	434
4.2.3	<i>The -pa Infinitive</i>	435
	Preliminaries	435
	Citation Forms	436
	Lexicalized Infinitives	436
	V-pa + copula	437
	Habitual V-pa-t	437
	Finite V-pa	438
	Arguments	439
	Complements of Modal Verbs	440
	Other Complements	441
	Negated Adverbial Clauses: (V) <i>ma</i> V-pa 'without V-ing'	442
	V-pa-r-ik <i>tf^{ha}</i> 'become a little V-ed'	444
	V-pa-r-ik <i>ba</i> 'try to V'	444
	Genitive Attributes of Localistic Expressions	445
	Adverbial Clause: V-p-e-ka	446
	V-pa-na <i>nambo</i> 'together with V-ing, right when V-ing'	447
	The Content of a Cognition Verb	448
	Reported Speech and Thought with Complementizer <i>zer-ba</i>	448
	Adverbial Clauses: <i>tfoq</i> V-pa, V-pa <i>tfik</i> 'right when'	449
	V-pa <i>gayma</i>	450
	Causal V-pa-na	450
	Remote Past -p-in	450

4.2.4	<i>The -tja Infinitive</i>	451
	Non-prospective Uses	452
	Prospective Uses	454
4.2.5	-k ^{han}	461
	Relative Clauses	462
	V-k ^{han} <i>tf^{ha}</i> , <i>ba</i> , <i>tfo</i>	464
	Finite Use of -k ^{han}	465
4.2.6	-sa 'place'	466
4.2.7	-t ^{hik} 'right amount'	467
4.2.8	<i>Reduplicated Verbal Nouns</i>	473
	V-V-po/ <i>tfik</i> 'until V', V-V-(<i>la</i>) 'by the time V'	474
	Lexicalized Reduplicated Adjectives	479
4.2.9	-tsa	480
4.2.10	-duru 'until'	483
4.2.11	-t ^{ho} '(exact) time'	484
4.2.12	-loŋ '(spare) time'	485
4.2.13	<i>Emphatic Completive</i> -t ^{haq} (<i>tf^{hot}</i>)	486
4.2.14	-k ^{hi} (<i>marukpjaŋ</i>)	487
4.2.15	<i>Desiderative</i> -spi	488
4.2.16	<i>Desiderative</i> -mk ^{hans}	489
4.2.17	-luks	489
4.2.18	-zo 'manner'	490
4.2.19	<i>Zero-nominalizations</i>	491
4.3	<i>Light Verbs</i>	491
4.3.1	<i>tf^{ha}</i> 'go, become' and <i>joŋ</i> 'come'	492
4.3.1.1	Introduction	492
4.3.1.2	V-en <i>joŋ</i> / <i>tf^{ha}</i>	493
4.3.1.3	V-(s)e <i>joŋ</i> / <i>tf^{ha}</i>	495
4.3.1.4	<i>joŋ</i> Indicating 'likelihood'	502
4.3.1.5	Idiomatic Uses of <i>joŋ</i>	504
4.3.1.6	<i>tf^{ha}</i> after Other Nominalizations	506
4.3.1.7	V-pa <i>biŋ-se jot</i> 'be ready to V'	508
4.3.2	<i>Durative duk</i>	508
4.3.3	k ^{hjer} and k ^{hjoŋ}	511
4.3.4	<i>ba</i> 'do, initiate, prepare'	513
4.3.4.1	<i>ba</i> after Complements	514
4.3.4.2	<i>ba</i> after Adjectives	514
4.3.4.3	<i>ba</i> after Deverbal Nominalizations	515
4.3.5	taŋ 'give, put, apply'	518
4.3.6	<i>Other Light Verbs</i>	521

4.3.7	<i>Quotative zer</i>	522
4.3.8	<i>Modals</i>	530
4.4	<i>Copulas and Finite Clauses</i>	531
4.4.1	<i>Introduction</i>	531
4.4.1.1	The Evidential Contrast between Testimonial <i>duk</i> and Factual <i>jot</i>	531
4.4.1.2	The Informant	535
4.4.1.3	Only Factual Forms in Nominalized Clauses and before Conditional <i>-na</i>	537
4.4.1.4	Only Testimonial Forms in Indirect Questions Implying Observation	539
4.4.2	<i>Finite Constructions without a Copular Component</i>	540
4.4.2.1	The Simple Past: <i>V(-s)</i>	540
4.4.2.2	Questions About One's Own Future Actions: <i>V(-a)</i>	543
4.4.2.3	Further Finite Constructions Lacking a Copular Component	544
4.4.3	<i>The Copulas</i>	545
4.4.3.1	After Adjectives, Locations, and Nouns	545
4.4.3.2	Inferential <i>in-suk</i>	554
4.4.3.3	Past Direct Testimonial <i>jot-suk</i>	555
4.4.3.4	Past Forms of the Copulas: <i>in-m-in, jot-p-in, duk-p-in</i>	557
4.4.3.5	Elided Copula	560
4.4.4	<i>The Copulas after Prospective V-tja</i>	561
4.4.4.1	<i>V-tja duk/jot</i>	561
4.4.4.2	<i>V-tf-in</i>	567
4.4.4.2.1	<i>V-tf-in-suk, V-tja men-suk</i>	574
4.4.4.2.2	<i>V-tf-in-m-in, V-tja men-m-in</i>	574
4.4.4.3	Finite <i>V-tja</i>	575
4.4.5	<i>The Copulas after Conjunctive V-(s)e</i>	577
4.4.5.1	<i>V-(s)e in(-suk)</i>	577
4.4.5.2	<i>V-(s)e jot</i> vs. <i>duk</i>	580
4.4.5.3	<i>V-(s)e met</i> vs. <i>mi-nduk</i>	583
4.4.6	<i>Existential Copulas after Old Resultative *V-s</i>	586
4.4.6.1	Perfect <i>V-z-duk</i>	586
4.4.6.2	<i>V-suk</i> (< <i>*V-s-dug</i>) vs. <i>V-set</i> (< <i>*V-s-yod</i>)	587
4.4.6.3	Patronizing Factual <i>V-set-in</i>	590
4.4.6.4	Inferential <i>-suk</i> after Other Verbal Forms	591
4.4.7	<i>Existential Copulas after Progressive V-en</i>	596

4.4.8	<i>Prospective V-et and V-(t/n)uk</i>	602
4.4.8.1	<i>V-et</i>	602
4.4.8.2	<i>V-(t/n)uk</i>	617
4.4.8.2.1	<i>Potential duk-tuk and its Negated Counterpart mi duk</i>	622
4.4.8.2.2	<i>V-(t/n)uk mi-naŋ</i>	623
4.4.8.2.3	<i>Negated Prospective mi V</i>	625
4.4.9	<i>Finite Constructions with the -pa Infinitive</i>	627
4.4.9.1	Preliminaries	627
4.4.9.2	Habitual <i>V-pa-t</i>	628
4.4.9.3	<i>V-pa met</i> vs. <i>mi-nduk</i>	634
4.4.9.4	<i>ma V-pa duk/jot/in</i>	637
4.4.9.5	Remote Past and Past Perfective <i>-p-in</i> (<i>-m-in</i> , and <i>-(b)-in</i>)	639
4.5	<i>Other Clause-Final Morphemes</i>	650
4.5.1	<i>Interrogative -a</i>	651
4.5.2	<i>Focus Marker -pa</i>	660
4.5.3	<i>Assumptive-inferential -tfapo</i>	669
4.5.4	<i>Corroborative -to</i>	671
4.5.5	<i>Optative and Plural Imperative -jik</i>	673
4.5.6	<i>Additive -aŋ</i>	677
4.5.7	<i>Quotative (-)lo</i>	682
4.5.8	<i>Clause-Final Demonstratives: Proximate (-)de and Obviate (-)e</i>	689
4.5.9	<i>Quasi-interrogative -nii, -gii, -tfii, -hii</i>	695
4.5.9.1	Syllogizing <i>-nii</i>	695
4.5.9.2	Demanding <i>-gii</i>	697
4.5.9.3	Confirmation-seeking <i>-tfii</i>	701
4.5.9.4	Wondering <i>-hii</i>	704
4.5.10	<i>Irreal ta</i>	707
4.5.11	<i>hei 'ok?</i>	711
4.5.12	<i>Wheedling iŋ(u)</i>	713
4.5.13	<i>Hesitative (-)jaa</i>	714
4.5.14	<i>Vocative zu, le, wa, la, ka, no, bu</i>	722
5	<i>Modification, Intensification, and Dramatization of Sentences</i>	727
5.1	Adverbs	727
5.2	The Intensifier <i>mana</i>	728
5.3	Dramatizers	735
5.3.1	<i>Introduction</i>	735

5.3.2	<i>Ideophones</i>	736
5.3.3	<i>Synchronic Properties of the Purik Dramatizers</i>	737
5.3.3.1	Phonology and Prosody	737
5.3.3.2	Morphology and Syntax	738
5.3.3.3	Semantics and Pragmatics	742
5.3.3.4	Synchronically Varying Functions	748
5.3.3.5	Dramatizers in Compounds	750
5.3.4	<i>The Evolution of the Purik Dramatizers</i>	750
5.3.4.1	Dramatizers from Verbs	751
5.3.4.2	Expressivity	755
5.3.4.3	Dramatizers Shared between Different Varieties of Tibetan	756
5.3.4.4	Adjectival Dramatizers	757
5.3.4.5	The Nominal Origin of Dramatizers Emphasizing Negation	758
5.3.5	<i>Concluding Remarks</i>	759
5.4	<i>tfoq</i> '(at that) moment'	760
6	Clause Linkage	762
6.1	Clause-linking <i>-na</i>	762
6.1.1	<i>V-na</i>	773
6.1.1.1	With <i>kato</i>	778
6.1.1.2	<i>V-na-r-ik</i>	779
6.1.1.3	<i>V-na-ŋ</i>	781
6.1.2	<i>V-pa-na</i>	781
6.1.2.1	<i>V-pa-na nambo/tfik, tfoq V-pa-na</i> 'right when V'	787
6.1.3	<i>V-(s)e-na</i>	789
6.1.4	<i>V(-s-pa)-tsa-na</i>	791
6.1.4.1	<i>V-tsa-na</i> 'when V-ing'	791
6.1.4.2	<i>ma V-tsa-na</i>	793
6.1.4.3	<i>V(-s-)pa-tsa-na</i>	794
6.1.5	<i>V-pa-i ts^hir-na(-aŋ)</i>	796
6.2	Subordinate Clauses without <i>-na</i>	797
6.2.1	<i>V-pa</i>	798
6.2.1.1	<i>V-pa</i> Instantiating Argument-roles	798
6.2.1.2	Goals of Motion Verbs and Purposive Complements	800
6.2.1.3	<i>tfoq V-pa, V-pa tfik</i>	804
6.2.1.4	<i>V-s-pa-tsa</i> 'only when V-ed'	806
6.2.1.5	Adverbial <i>ma V-pa</i> 'by not V-ing'	807

6.2.1.6	<i>ma V-pa-r-ik</i> 'a little before V-ing'	810
6.2.1.7	<i>V-p-e-ka</i> 'when V-ing'	811
6.2.2	<i>V-(s)e</i>	813
6.2.3	<i>V-tfa(-s)</i>	816
6.2.3.1	<i>V-tfa-s</i> 'thanks to V-ing'	816
6.2.3.2	Topicalizing <i>V-tfa-o</i>	817
6.2.3.3	<i>V-tfa ts^haqp-ek</i> 'until V'	819
6.2.4	<i>V-en(-tfik)</i> 'while V-ing'	819
6.2.5	<i>V-V-la</i> 'by the time V'; <i>V-V-po, V-V-tfik</i> 'until V'	823
6.2.6	<i>V-duru-a, V-duru-i-ka</i> 'until V'	826
6.2.7	<i>V-t^hig-a, V-t^hig-i-ka</i> 'about when V'	827
6.2.8	<i>V-t^ho-e-ka</i> 'at the time of V-ing'	828
6.2.9	<i>V-k^himarukpjaŋ</i> 'while about to V'	828
6.3	Noun-Modifying Clauses	828
6.3.1	<i>General Discussion</i>	828
6.3.1.1	Introduction	828
6.3.1.2	The Frame-Semantic Approach of Matsumoto (1997)	829
6.3.1.3	Relative Clauses in Other Varieties of Tibetan	831
6.3.1.4	Relative Clauses in Purik	835
6.3.2	<i>Relative Clauses with the Nominalizer -pa</i>	841
6.3.2.1	Clause-linking Relative Strategies	841
6.3.2.2	Clause-host Relative Clause Constructions	841
6.3.2.3	Internally-headed Relative Clauses	846
6.3.2.4	Noun-host Relative Clause Constructions	849
6.3.2.5	Content-taking Head Nouns and Direct Speech	849
6.3.3	<i>-k^han</i>	850
6.3.3.1	Pre- and Post-head Relative Clause Constructions	850
6.3.3.2	Predicatively Used Relative Clause Constructions	856
6.3.4	<i>-sa</i>	857
6.3.5	<i>-tfa(s)</i>	859
6.3.6	<i>-en</i>	859
6.3.7	<i>-t^ho</i> '(the right) time to V' and <i>-loŋ</i> '(leisure) time to V'	862
6.3.8	<i>-t^hik</i>	863
6.4	Other Content-attributing Strategies	864
6.4.1	<i>Indirect Question Complements</i>	864
6.4.1.1	Indirect Questions Attributing Content to Direct Perception Verbs	864

6.4.1.2	Sentential Theme Arguments of <i>sam</i> 'think'	866
6.4.2	<i>An Idiosyncratic Content-Taking Head Noun</i> (rzun 'lie')	867
7	Prosody	870
7.1	Declination	872
7.2	Focus	875
7.3	Final Rise (or Suspension)	884
7.4	Antitopics	889
7.5	Dramatizing Prosody	896
7.6	Final Lengthening	903
7.7	Pitch Contours Tied to Pragmatic Morphemes	906

Appendices

Appendix A:	A Story of Three Brothers	918
Appendix B.1:	Reduplicated and Assonant Formations	924
Appendix B.2:	Basic Vocabulary	928
References		947
Index		959