



Universiteit
Leiden
The Netherlands

Old Armenian nasal verbs : archaisms and innovations

Kocharov, P.

Citation

Kocharov, P. (2019, May 2). *Old Armenian nasal verbs : archaisms and innovations*. Retrieved from <https://hdl.handle.net/1887/72201>

Version: Not Applicable (or Unknown)

License: [Leiden University Non-exclusive license](#)

Downloaded from: <https://hdl.handle.net/1887/72201>

Note: To cite this publication please use the final published version (if applicable).

Cover Page



Universiteit Leiden



The handle <http://hdl.handle.net/1887/72201> holds various files of this Leiden University dissertation.

Author: Kocharov, P.

Title: Old Armenian nasal verbs : archaisms and innovations

Issue Date: 2019-05-02

Old Armenian Nasal Verbs

Archaisms and Innovations

Proefschrift

ter verkijging van
de graad van Doctor aan de Universiteit Leiden,
op gezag van Rector Magnificus prof.mr. C. J. J. M. Stolker,
volgens besluit van het College voor Promoties
te verdedigen op donderdag 2 mei 2019
klokke 16.15 uur

door

Petr Kocharov
geboren te Leningrad
in 1981

Promotor: Prof. dr. A. M. Lubotsky

Promotiecommissie: Prof. dr. B. A. Olsen (Københavns Universitet)
Prof. dr. J. Clarkson (Cambridge)
Prof. dr. H. Gzella (Universiteit Leiden)
Dr. L. van Beek (Universiteit Leiden)

TABLE OF CONTENTS

Table of contents.....	3
Acknowledgments	7
Abbreviations	9
Chapter 1. Introduction	11
Section 1.1. Problem statement	11
Section 1.2. PIE and Old Armenian nasal classes.....	14
Section 1.3. Theoretical framework.....	19
§ 1.3.1. Argument structure	19
§ 1.3.1-1. Representation of the core arguments and transitivity alternations.....	19
§ 1.3.1-2. Patterns of marking transitivity pairs.....	20
§ 1.3.1-3. Agentivity as a lexisyntactic parameter	22
§ 1.3.2. Actionality and aspect.....	25
§ 1.3.2-1. Lexical aspectual features and the actional classification of predicates...	25
§ 1.3.2-2. The aspectual profiles of Old Armenian IPFV stems.....	27
Section 1.4. Issues of historical phonology.....	29
§ 1.4.1. Palatalisation of labiovelars.....	29
§ 1.4.2. Reflexes of PIE * <i>Ci</i> - and * <i>Cs</i> -clusters	30
§ 1.4.3. Intervocalic reflexes of PIE * <i>dʰ</i>	39
§ 1.4.4. Reflexes of PIE * <i>ln</i> and * <i>rn</i>	39
Section 1.5. Source material	43
Chapter 2. Old Armenian nasal verbs.....	47
Section 2.1. The <i>n</i> -stem of the <i>u</i> -conjugation	47
§ 2.1.1. Evidence	47
§ 2.1.1-1. IPFV - <i>n</i> - : PFV -Ø-	48
§ 2.1.1-2. IPFV - <i>n</i> - : PFV - <i>c'</i> -.....	54
§ 2.1.1-3. IPFV - <i>n</i> - : PFV - <i>i</i> -	62
§ 2.1.1-4. IPFV - <i>n</i> - : PFV n/a.....	70
§ 2.1.2. Evaluation	73
§ 2.1.2-1. Grammatical features.....	73
§ 2.1.2-2. Stem variation patterns.....	79
§ 2.1.2-3. PIE outlook.....	83

Section 2.2. The <i>n</i> -stem of the <i>a</i> -conjugation.....	97
§ 2.2.1. Evidence	97
§ 2.2.1-1. IPFV <i>-n-</i> : PFV <i>-Ø-</i> (suppl.).....	97
§ 2.2.1-2. IPFV <i>-n-</i> (?) : PFV n/a.....	101
§ 2.2.1-3. The verbs the <i>a</i> -conjugation with etymological <i>n</i> -stems.....	101
§ 2.2.2. Evaluation.....	103
§ 2.2.2-1. Grammatical features	103
§ 2.2.2-2. Stem variation patterns	104
§ 2.2.2-3. PIE outlook	104
Section 2.3. The <i>n</i> -stem of the <i>e/i</i> -conjugation	109
§ 2.3.1. Evidence.....	109
§ 2.3.1-1. IPFV <i>-n-</i> : PFV <i>-Ø-</i> (suppl.).....	109
§ 2.3.1-2. IPFV <i>-n-</i> : PFV <i>-i-</i> (suppl.).....	114
§ 2.3.1-3. IPFV <i>-n-</i> (?) : PFV n/a or suppletive	116
§ 2.3.1-4. The verb of the <i>e/i</i> -conjugation with an etymological <i>n</i> -stem	118
§ 2.3.2. Evaluation.....	119
§ 2.3.2-1. Grammatical features	119
§ 2.3.2-2. PIE outlook	120
Section 2.4. The <i>an</i> -stem of the <i>a</i> -conjugation	123
§ 2.4.1. Evidence	123
§ 2.4.1-1. Derived <i>an</i> -verbs of the <i>a</i> -conjugation	123
§ 2.4.1-2. Primary <i>an</i> -verbs of the <i>a</i> -conjugation.....	133
§ 2.4.2. Evaluation.....	145
§ 2.4.2-1. Grammatical features	145
§ 2.4.2-2. Stem variation patterns.....	149
§ 2.4.2-3. PIE outlook	155
Section 2.5. The <i>an</i> -stem of the <i>e/i</i> -conjugation	162
§ 2.5.1. Evidence	162
§ 2.5.1-1. The morphological causative	162
§ 2.5.1-2. IPFV <i>-an-</i> : PFV <i>-Ø-</i>	165
§ 2.5.1-3. IPFV <i>-an-</i> : PFV n/a.....	221
§ 2.5.2. Evaluation.....	229
§ 2.5.2-1. Grammatical features	229
§ 2.5.2-2. Stem variation patterns	237
§ 2.5.2-3. PIE outlook	239

Section 2.6. The <i>nč'</i> -stem of the <i>e/i</i> -conjugation	261
§ 2.6.1. Evidence	261
§ 2.6.1-1. IPFV <i>-nč'</i> : PFV <i>-i-</i>	261
§ 2.6.2. Evaluation.....	266
§2.6.2-1. Grammatical features.....	266
§ 2.6.2-2. PIE outlook.....	266
Section 2.7. The <i>anč'</i> -stem of the <i>e/i</i> -conjugation	268
§ 2.7.1. Evidence	268
§ 2.7.1-1. IPFV <i>-anč'</i> : PFV <i>-Ø-</i>	268
§ 2.7.2. Evaluation.....	270
§ 2.7.2-1. Grammatical features	270
§ 2.7.2-2. Stem variation patterns	270
§ 2.7.2-3. PIE outlook	271
Chapter 3. Conclusions.....	273
Section 3.1. The evolution of the Proto-Armenian nasal classes	273
§ 3.1.1. The traces of the IPFV <i>*n(e)u</i> -stem	273
§ 3.1.2. The traces of the <i>*n(e)h₂</i> -stem	275
§ 3.1.3. The traces of the <i>*nHe/o</i> -stem.....	276
Section 3.2. Nasal verbs and the position of the Armenian branch in the Indo-European language family.....	279
List of tables	283
References	285
Samenvatting.....	313
Summary.....	314
Curriculum vitae	315

ACKNOWLEDGMENTS

This dissertation has become possible owing to the lasting support of my teachers, colleagues, and friends.

I am grateful to my supervisor Alexander Lubotsky for his inspiring help and illuminating discussions throughout the years of my PhD program in Leiden.

It is my pleasant duty to thank my teachers who guided and educated me at the different stages of my academic life, including Leonard Herzenberg, Nikolay Kazansky, Karen Yuzbashyan, Charles de Lamberterie, and Joseph Weitenberg among others. I am grateful to Frederik Kortlandt, Hrach Martirosyan, Rémy Viredaz, and Andrey Shatskov for fruitful discussions. I am indebted to the brilliant circle of Leiden Indo-Europeanists, particularly, Lucien van Beek, Alwin Kloekhorst, Guus Kroonen, Michaël Peyrot, and Tijmen Pronk for their unfailing support and hospitality during my repeated visits to Leiden, and feedback on the ideas developed in the present study. Svetlana Kleiner helped me a lot by proof-reading the text.

I acknowledge the financial support of the “Language Diversity in the World” programme of the Leiden University Centre for Linguistics that enabled my stay at Leiden University in 2017 on the invitation of Alexander Lubotsky.

Last but not least, this study owes a lot to the encouragement and care of my family.

ABBREVIATIONS

Languages		Parth.	Parthian
Alb.	Albanian	PBalt.	Proto-Baltic
Arm.	Old Armenian	PCelt.	Proto-Celtic
Av.	Avestan	PGrm.	Proto-Germanic
BSl.	Balto-Slavic	PIt.	Proto-Italic
Eng.	English	Phryg.	Phrygian
Gk.	Ancient Greek	PIE	Proto-Indo-European
Go.	Gothic	PIr.	Proto-Iranian
Grm.	German	PIIr.	Proto-Indo-Iranian
IE	Indo-European	PSl.	Proto-Slavic
Ic.	Icelandic	PToch.	Proto-Tocharian
Lat.	Latin	Ru.	Russian
Latv.	Latvian	Skt.	Sanskrit
Lith.	Lithuanian	Toch.	Tocharian
MHG	Middle High German	Umbr.	Umbrian
MPers.	Middle Persian	YAv.	Young Avestan
MW	Middle Welsh		
NPers.	Persian		
NPhryg.	New Phrygian	Grammar terms	
OAv.	Old Avestan	abl.	ablative
OCS	Old Church Slavic	acc.	accusative
OE	Old English	act.	active
OHG	Old High German	adj.	adjective
OIr.	Old Irish	adv.	adverb
OIs.	Old Icelandic	anticaus.	anticausative
ON	Old Norse	aor.	aorist
OPers.	Old Persian	athem.	athematic
ORu.	Old Russian	caus.	causative
Osc.	Oscan	dat.	dative
Oss.	Ossetic	gen.	genitive
OSw.	Old Swedish	habit.	habitual
Palb.	Proto-Albanian	ind.	indicative
Parm.	Proto-Armenian	instr.	instrumental
		intr.	intransitive

ipf.	imperfect	smb.	somebody
ipfv. (IPFV)	imperfective	so.	something
ipv.	imperative	subj.	subjunctive
iter.	iterative	suppl.	suppletive
lit.	literally	them.	thematic
loc.	locative	tr.	transitive
mp.	mediopassive	v.	verb
n.	noun		
nom.	nominative	Other	
pfv. (PFV)	perfective	n/a	not attested
pl.	plural	v.l.	<i>varia lectio</i>
pres.	present	-&-	etymologically ambiguous
pret.	preterite		morphological segment
proh.	prohibitive	<, >	derives by sound law
ptc.	participle	←, →	derives by analogy
res. (RES)	resultative/stative		
sg.	singular		