

"The functions of short-distance
demonstratives in the pronominal
and the verbal system of Xinaliq"

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"The latest developments of short-distance demonstratives in the pronominal and the verbal system of Xinaliq"

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Xinaliq Demonstratives

Directionally marked:

<i>ku</i>	~ <i>kui</i>	~ <i>okui</i>	‘that near’
<i>tu</i>	~ <i>tüi</i>	~ <i>otui</i>	‘that far’
<i>q̄u</i>	~ <i>q̄ui</i>	~ <i>oq̄ui</i>	‘that down there’
<i>t’u</i>	~ <i>t’ui</i>	~ <i>ot’ui</i>	‘that up there’

- Only attributive use
- No morphologic distinction of noun classes
- No case marking

Xinaliq Demonstratives

Directionally unmarked:

Type 1

eci

‘this here’

Type 2

du/dä/ži(t)/dur

hu/hä/hoz

‘this, these’

‘that, those’

Type 1:

- Only attributive use
- No morphologic distinction of noun classes
- No case marking

Xinaliq Demonstratives

Directionally unmarked:

Type 1

eci

‘this here’

Type 2

du/dä/ži(t)/dur

hu/hä/hoz

‘this, these’

‘that, those’

Type 2:

- Attributive and independent use
- Morphologic distinction of noun classes
- Case marking

Xinaliq Demonstratives

Directionally unmarked:

Type 1

eci

'this here'

Type 2

du/dä/ži(t)/dur

'this, these'

hu/ha, hoz

'that, those'

Only *du/dä/ži(t)/dur* 'this, these' :

- Attributive and independent use
- Morphologic distinction of noun class
- Case marking at oblique stems
- **Serves as nominalizer for various parts of speech**
- **Appears in the verbal paradigms as class / tense marker**

How to determine a noun class

- Check the respective noun class marker of the verb
- Check the demonstrative that goes with the noun

How to determine a noun class

Check the noun class marker of the verb:

SG

PL

Cl 1: t⁻üj-d-mä

t⁻üj-dur-mä

Cl 2: t⁻üj-dä-mä

t⁻üj-dur-mä

Cl 3: t⁻üj-dä-mä

t⁻üj-žit-mä

Cl 4: t⁻üj-ž-mä

t⁻üj-žit-mä

cf. Kibrik et. al. 1972, p. 120

How to determine a noun class

Check the noun class marker of the verb:

SG

PL

Cl 1: *t̃-üj-d-mä*

t̃-üj-dur-mä

Cl 2: *t̃-üj-dä-mä*

t̃-üj-dur-mä

Cl 3: *t̃-üj-dä-mä*

t̃-üj-ž-mä

Cl 4: *t̃-üj-ž-mä*

t̃-üj-ž-mä

cf. Speakers of the dictionary team 2014-16

Examples from the corpus

CL3 noun pl with class marker -ž-

Ex. 1

dä *giblaχ-irdir*
this.2SG/3 *saddlebag(CL3)-PL*

lär-ž-šämä
SAME.LEVEL.give(IPFV.ST). GENER_PRS-4SG-PST-DECL

‘They gave these saddlebags (as a dowry).’

[Text 153 time ref. 03.14.6]

Examples from the corpus

CL4 noun pl with class marker -ž-

Ex. 2

iḫer dalig-irdir jä ku-ž-mä
much work(CL4)-PL I do(PFV.ST.)-4SG-DECL

‘It was me who did a lot of the works.’

[Text 214 ref. 010]

Examples from the corpus

Cl3 noun pl with class marker -žit-

Ex. 3

Hed-im ävväl-il:i q'i-žit-mä azad.
those.3/4PL-FOC first-ABL be(PFV.ST.)-4PL-DECL free

‘They (i.e. the deer) were originally free.’

[Rahim Alxas (1991): *Ḥikmäti Čäläng*, p. 32]

How to determine a noun class

Check the demonstrative that goes with the noun:

SG

du ligild 'this man'

dä riši 'this girl'

dä č'uval 'this sheep'

ži k'ač'in 'this stone'

PL

dur ligilir 'these men'

dur rišilir 'these girls'

dä č'uvaldir 'these sheep'

ži k'ač'indir 'these stones'

cf. Kibrik et. al. 1972, p. 75

How to determine a noun class

Check the demonstrative that goes with the noun:

SG

du ligild 'this man'

dä riši 'this girl'

dä č'uval 'this sheep'

dä *k'ač'in* 'this stone'

PL

dur ligilir 'these men'

dur rišilir 'these girls'

dä č'uvaldir 'these sheep'

dä *k'ač'indir* 'these stones'

cf. Speakers of the dictionary team 2014-16

Examples from the corpus

CL4 noun singular with cl2/3 demonstrative

Ex. 4

dä *plan* *at̄:i-ž-mä*
this.2SG/3 plan(CL4) be-4SG-DECL

‘There is this plan.’

[Text 169 time ref. 02:21.60]

Ex. 5

dä *žihez-im* *hanim kak̄u-ž-šä-mä.*
this.2SG/3 dowry(CL4)-FOC so SAME.LEVEL.come-4SG-PST-DECL

‘This dowry came like that (to the house of the groom).’

[Text 153 time ref. 04:58.0]

Examples from the corpus

Cl4 noun singular with cl4 demonstrative

Ex. 6

<i>mašallah</i>	<i>ži</i>	<i>k'un</i>	<i>häyardä</i>	<i>at-mä</i>
mašallah	this.4	flour(Cl4)	wonderful	be-DECL

‘Mashallah, this flour is wonderful!’

[text 274 time ref. 04:49.8]

Examples from the corpus

CL4 noun plural with cl2/3 demonstrative

Ex. 7

dä

this.2SG/3

inč'amz-irdir

sock(CL4)-PL

k'inaž-ir

winter-INESS

niš-tar-mä

wear(PFV.ST.)-GENER.PRS-DECL

'They wear these socks in winter.'

[Text 318 time ref. 12:57.3]

Examples from the corpus

CL4 noun plural with cl4 demonstrative

Ex. 8

ži *nä^ʰälčäd-im* *jä* *kirav äšpi-ž-mä*
this.4 pillow(CL4)-FOC I today sew(PFV.ST.)-4SG-DECL

‘As for these pillows, I have sewed them today.’

[text 222 time ref. 05:56.9]

Examples from the corpus

Cl3 noun plural with cl4 demonstrative

Ex. 9

ži *käl-dir-im* *bitini hin-i*

this.4 wild.animal(CL3)-PL-FOC all that(OBL.ST.)-GEN.INAL

kol-u *kak̄w-at*

side-DAT SAME.LEVEL.come(IPFV.ST.)-PRS

‘These wild animals all come to his side.’

[Text 360 sent.ref. 070]

Examples from the corpus

CL3 noun plural with cl2/3 demonstrative

Ex. 10

dä

this.2SG/3

kitam-zir-im

book(CL3.OBL.ST.)-PL-FOC

hin-e-ž-ma

that(OBL.ST.)-GEN.AL-4SG-DECL.EMPH

‘But these books are his!’

[Text 381 time ref. 29:21.1]

Independend demonstratives

	SG	PL
Cl1	<i>du</i>	<i>dur</i>
Cl2	<i>dä</i>	<i>dur</i>
Cl3	<i>dä</i>	<i>žit</i>
Cl4	<i>ži</i>	<i>žit</i>

Cf. Kibrik et al. 1972, p. 76

Independent demonstratives

	SG	PL
Cl1	<i>du</i>	<i>dur</i>
Cl2	<i>dä</i>	<i>dur</i>
Cl3	<i>dä</i>	<i>dä</i> / <i>žit</i>
Cl4	<i>dä</i> / <i>ži</i>	<i>dä</i> / <i>žit</i>

cf. DoBeS corpus data

Examples from the corpus

Cl2/3sg demonstrative referring to a cl4sg noun

Ex. 11

dä	<i>e</i>	<i>dalig-mä</i>
this.2SG/3	I.GEN.AL	work(CL4)-DECL

‘This is my work.’

[Text 148 sent. ref. 011]

Ex. 12

dä	<i>sa</i>	<i>mühüm</i>	<i>so-mä</i>
this.2SG/3	one	important	village(CL4)-DECL

‘This is an important village.’

[Text 130 time ref. 00:01:9]

Examples from the corpus

Cl4sg demonstrative referring to a cl4sg noun

Ex. 13

ži *k'inaži* *mähsul* *ži-ma*
this.4 winter-GEN product(CL4) NEG.4-DECL.EMPH

‘But this is not a winter product!’

[Text 221 time ref. 01:14.2]

Examples from the corpus

Cl2/3sg demonstrative referring to a cl4pl noun

Ex. 14

dä *č' ič' in-dir*
this.2SG/3 kidney(CL4)-PL

‘These are kidneys.’

[Text 227 sent. ref. 227]

Examples from the corpus

Cl3/4pl demonstrative referring to a cl4pl noun:

Ex. 15

<i>paga jä</i>	<i>vi-š</i>	<i>žit</i>	<i>zapis</i>
tomorrow	I.ERG	you(OBL.ST.)-DAT these.3/4	recording

ki-r-ček'i-r-me

do(IPFV.ST.)-IPFV-CAUS(IPFV.ST.)-IPFV-DECL.EMPH

‘I will have these (things) recorded for you tomorrow.’

[text 478 sent. ref. 303]

Examples from the corpus

Cl2/3sg AND Cl3/4pl demonstrative referring to a cl3pl noun:

Ex. 16

dä-m	<i>šir-e</i>	<i>so-e</i>	<i>käl-dir,</i>
this.2SG/3-FOC	we(OBL.ST.)-GEN.AL	village-gen.al	wild.animal-PL
<i>mīda-r</i>	<i>t̄ak̄w-ar-mä</i>		žit
mountain-INESS	be,dwell(IPFV.ST.)-GENER_PRS-DECL		these.3/4

‘And these are the wild animals of our village, they live in the mountains, these.’

[Text 295 sent.ref. 332]

du/dä/ži(t)/dur as nominalizers

	SG	PL
Cl1	<i>čixi-du</i>	<i>čixi-dur</i>
Cl2	<i>čixi-dä</i>	<i>čixi-dur</i>
Cl3	<i>čixi-dä</i>	<i>čixi-žit</i>
Cl4	<i>čixi-ži</i>	<i>čixi-žit</i>
	'the big one'	'the big ones'

cf. Kibrik et al. 1972, p. 70

du/dä/ži(t)/dur as nominalizers

	SG	PL
Cl1	<i>čixi-du</i>	<i>čixi-dur</i>
Cl2	<i>čixi-dä</i>	<i>čixi-dur</i>
Cl3	<i>čixi-dä</i>	<i>čixi-žit</i>
Cl4	<i>čixi-ži</i>	<i>čixi-žit</i>
	'the big one'	'the big ones'

cf. Kibrik et al. 1972, p. 70

confirmed by the corpus data and elicitations!

du/dä/žiči(t)/dur as nominalizers

What can be nominalized?

e.g. adjectives

čiči-du, *čiči-dä* etc.

du/dä/ži(t)/dur as nominalizers

What can be nominalized?

e.g. demonstratives:

oq⁻u-žit 'those ones down there'

t'u-du 'that one up there'

eci-dä 'this one here'

etc.

du/dä/ži(t)/dur as nominalizers

What can be nominalized?

e.g. certain interrogatives:

t⁻a-du, *t⁻a-dä* etc. 'which one'

du/dä/ži(t)/dur as nominalizers

What can be nominalized?

e.g. genitive-marked pronouns and interrogatives:

kše-žit 'whose ones'

e-dä 'mine'

etc.

du/dä/ži(t)/dur as nominalizers

What can be nominalized?

e.g. numbers (no plural after numbers!):

sa-du 'one of them'

k'u-dä 'two of them'

pšwa-ži 'three of them'

An overview

	Class&tense marker	Attributive dem.	Independend dem.	Nominalizer
Cl 1 sg	- <i>d(u)</i>	<i>du</i>	<i>du</i>	- <i>du</i>
Cl 2 sg	- <i>dä</i>	<i>dä</i>	<i>dä</i>	- <i>dä</i>
Cl 3 sg	- <i>dä</i>	<i>dä</i>	<i>dä</i>	- <i>dä</i>
Cl 4 sg	- <i>ž(i)</i>	<i>dä / ži</i>	<i>dä / ži</i>	- <i>ži</i>
Cl 1 pl	- <i>dur</i>	<i>dur</i>	<i>dur</i>	- <i>dur</i>
Cl 2 pl	- <i>dur</i>	<i>dur</i>	<i>dur</i>	- <i>dur</i>
Cl 3 pl	- <i>ž(i) / -žit</i>	<i>dä / ži</i>	<i>dä / žit</i>	- <i>žit</i>
Cl 4 pl	- <i>ž(i) / -žit</i>	<i>dä / ži</i>	<i>dä / žit</i>	- <i>žit</i>

An overview

	Class&tense marker	Attributive dem.	Independend dem.	Nominalizer
Cl 1 sg	- <i>d(u)</i>	<i>du</i>	<i>du</i>	- <i>du</i>
Cl 2 sg	- <i>dä</i>	<i>dä</i>	<i>dä</i>	- <i>dä</i>
Cl 3 sg	- <i>dä</i>	<i>dä</i>	<i>dä</i>	- <i>dä</i>
Cl 4 sg	- <i>ž(i)</i>	<i>dä / ži</i>	<i>dä / ži</i>	- <i>ži</i>
Cl 1 pl	- <i>dur</i>	<i>dur</i>	<i>dur</i>	- <i>dur</i>
Cl 2 pl	- <i>dur</i>	<i>dur</i>	<i>dur</i>	- <i>dur</i>
Cl 3 pl	- <i>ž(i) / -žit</i>	<i>dä / ži</i>	<i>dä / žit</i>	- <i>žit</i>
Cl 4 pl	- <i>ž(i) / -žit</i>	<i>dä / ži</i>	<i>dä / žit</i>	- <i>žit</i>

A comparison with *hu/hä/hoz* 'that, those'

	Class&tense marker	Attributive dem.	Independend dem.	Nominalizer
Cl 1 sg	/	<i>hu</i>	<i>hu</i>	/
Cl 2 sg	/	<i>hä</i>	<i>hä</i>	/
Cl 3 sg	/	<i>hä</i>	<i>hä</i>	/
Cl 4 sg	/	<i>hä</i>	<i>hä</i>	/
Cl 1 pl	/	<i>hoz</i>	<i>hoz</i>	/
Cl 2 pl	/	<i>hoz</i>	<i>hoz</i>	/
Cl 3 pl	/	<i>hä</i>	<i>hed</i>	/
Cl 4 pl	/	<i>hä</i>	<i>hed</i>	/

cf. Kibrik et al. 1972, p. 76, confirmed by the corpus data

A comparison with *hu/hä/hoz* 'that, those'

	Class&tense marker	Attributive dem.	Independend dem.	Nominalizer
Cl 1 sg	/	<i>hu = du</i>	<i>hu = du</i>	/
Cl 2 sg	/	<i>hä = dä</i>	<i>hä = dä</i>	/
Cl 3 sg	/	<i>hä = dä</i>	<i>hä = dä</i>	/
Cl 4 sg	/	<i>hä -> dä</i>	<i>hä ->dä</i>	/
Cl 1 pl	/	<i>hoz = dur</i>	<i>hoz = dur</i>	/
Cl 2 pl	/	<i>hoz = dur</i>	<i>hoz = dur</i>	/
Cl 3 pl	/	<i>hä = dä</i>	<i>hed -> dä</i>	/
Cl 4 pl	/	<i>hä-> dä</i>	<i>hed -> dä</i>	/

An overview

	Class&tense marker	Attributive dem.	Independend dem.	Nominalizer
Cl 1 sg	- <i>d(u)</i>	<i>du</i>	<i>du</i>	- <i>du</i>
Cl 2 sg	- <i>dä</i>	<i>dä</i>	<i>dä</i>	- <i>dä</i>
Cl 3 sg	- <i>dä</i>	<i>dä</i>	<i>dä</i>	- <i>dä</i>
Cl 4 sg	- <i>ž(i)</i>	<i>dä / ži</i>	<i>dä / ži</i>	- <i>ži</i>
Cl 1 pl	- <i>dur</i>	<i>dur</i>	<i>dur</i>	- <i>dur</i>
Cl 2 pl	- <i>dur</i>	<i>dur</i>	<i>dur</i>	- <i>dur</i>
Cl 3 pl	- <i>ž(i) / -žit</i>	<i>dä / ži</i>	<i>dä / žit</i>	- <i>žit</i>
Cl 4 pl	- <i>ž(i) / -žit</i>	<i>dä / ži</i>	<i>dä / žit</i>	- <i>žit</i>

A comparison with a verb from a prototypical conjugation class

yaxiri etc. 'let, allow'

	SG	PL
CI 1	<i>yaxiri</i>	<i>vaxiri</i>
CI 2	<i>zaxiri</i>	<i>vaxiri</i>
CI 3	<i>vaxiri</i>	<i>yaxiri</i>
CI 4	<i>yaxiri</i>	<i>yaxiri</i>

A comparison with a verb from a prototypical conjugation class

yaxiri etc. 'let, allow'

	SG	PL
CI 1	<i>yaxiri</i>	<i>vaxiri</i> }
CI 2	<i>zaxiri</i>	<i>vaxiri</i> }
CI 3	<i>vaxiri</i>	<i>yaxiri</i> }
CI 4	<i>yaxiri</i>	<i>yaxiri</i> }

A comparison with a verb from a prototypical conjugation class

yaxiri etc. 'let, allow'

	SG	PL	
Cl 1	<i>yaxiri</i>	<i>vaxiri</i>	} cf. -dur
Cl 2	<i>zaxiri</i>	<i>vaxiri</i>	
Cl 3	<i>vaxiri</i>	yaxiri	} -> -ž
Cl 4	yaxiri cf. -ž	yaxiri	

An overview

	Class&tense marker	Attributive dem.	Independend dem.	Nominalizer
Cl 1 sg	<i>-d(u)</i>	<i>du</i>	<i>du</i>	<i>-du</i>
Cl 2 sg	<i>-dä</i>	<i>dä</i>	<i>dä</i>	<i>-dä</i>
Cl 3 sg	<i>-dä</i>	<i>dä</i>	<i>dä</i>	<i>-dä</i>
Cl 4 sg	<i>-ž(i)</i>	<i>dä / ži</i>	<i>dä / ži</i>	<i>-ži</i>
Cl 1 pl	<i>-dur</i>	<i>dur</i>	<i>dur</i>	<i>-dur</i>
Cl 2 pl	<i>-dur</i>	<i>dur</i>	<i>dur</i>	<i>-dur</i>
Cl 3 pl	<i>-ž(i) / -žit</i>	<i>dä / ži</i>	<i>dä / žit</i>	<i>-žit</i>
Cl 4 pl	<i>-ž(i) / -žit</i>	<i>dä / ži</i>	<i>dä / žit</i>	<i>-žit</i>
	influence from prototypical verbs	influence from the long-dist. demonstrative	influence from attributive form??	original form

Thank you for your attention!

