A Synopsis of Yongning Na (Mosuo)

The 39th International Conference on Sino-Tibetan Languages and Linguistics University of Washington, Seattle September 15-17, 2006

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The language of the Na (Mosuo) is estimated at 40,000 speakers (Yang Zhenhong, to appear), split between three dialects: Yongning, Beiquba, and Guabie (He and Jiang 1985:4). Na itself is categorized as an eastern variety of Naxi, which linguists variously characterize as an unsubgrouped Tibeto-Burman language (Thurgood 2003:19–20); on the periphery of Loloish (Matisoff 1986:47); close to but not part of Lolo-Burmese (Bradley 1975:93); and both classified as Yiish (Lolo-Burmese) by Beijing linguists and typologically extremely similar to Loloish languages, yet perhaps not actually Loloish (Ramsey 1987:265–266). This work focuses on Yongning Na (hereafter, YN Na), as spoken in the area around Lugu Hu in Yunnan Province. Yunnan Province is located in southwestern China, and is north of Laos and Vietnam, east of Myanmar (Burma), southeast of Tibet, and west of Sichuan Province.

This presentation provides an overview of the key features of Yongning Na, including the structure of noun phrases, the sortal classifier system, verb phrases, existential verbs, grammaticalization, the aspectual system, and evidentials; additionally, a short description of the computing environment is given. Data presented are taken from audio- and video-recordings of oral narratives such as folklore and mythology which I recorded with the aim of documenting the culture of the Na linguistic community, their natural speech patterns, as well as important aspects of Na belief systems and the Daba religion. This methodology, the discourse-centered approach to language documentation (Urban and Sherzer 1988, Sherzer 1987, Sherzer and Woodbury 1987), also captures casual speech not obtained through formal elicitation and grammaticality judgments, thus yielding a more well-rounded data set.

The computing environment consists of a commercially available Unicode-compliant relational database and operating system (Microsoft Access XP and Windows XP) and Unicode-compliant fonts to customize a database that allows the user to: 1. enter data in multiple writing systems (here, English, IPA, and Chinese characters); 2. sort data by stipulated grammatical categories; 3. interlinearize a narrative text with multiple language glosses from a lexicon file; and 4. export the data in XML, a non-proprietary format. The use of Unicode-compliant software and fonts allows the database to operate in multiple languages without misinterpretation of the language encoding of the data. The fact that the data may be exported from the database in XML, a non-proprietary format, means that researchers running other database software or operating systems can use the data. Additionally, the XML format is convenient for distributing data over the Internet. This system is in line with the E-MELD recommendations for digital language documentation (E-MELD 2004).

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List of Abbreviations

1SG PRO 1st person singular pronoun 1PL PRO 1st person plural pronoun

1INC PRO1st person plural inclusive pronoun1EXC PRO1st person plural exclusive pronoun

2SG PRO
2nd person singular pronoun
2PL PRO
2nd person plural pronoun
3rd person singular pronoun
3PL PRO
3rd person plural pronoun
3rd person plural pronoun

D_L Dual

ADV MAN Adverbial (manner)
ADV PRTCL Adverbial particle
AGT Agentive marker
ASP Aspect marker
CLS Classifier

CMKN Common knowledge/assumed evidential

COMP Complementizer

COP Copula

CSM Change of state marker

CRS Currently relevant state marker

DAT Dative EXIST Existential

EXPER Experiential aspect

FUT Future IMP Imperative

INFR Inference evidential

INTERJ Interjection
LOC Locative
NEG Negative
NOM Nominalizer

 $\begin{array}{ll} NOM_{Agt} & Agentive \ nominalizer \\ NOM_{Loc} & Locative \ nominalizer \\ NOM_{Purp} & Purposive \ nominalizer \\ \end{array}$

PERF Perfective aspect

PL Plural
POSS Possessive
POSTP Postposition

Progressive aspect

PRTCL Particle

REFL Reflexive pronoun

REL Relativizer

REP Reported/hearsay evidential

QM Question marker
QUOT Quotative evidential
OW Question word

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1. Introduction

- The language of the Na (Mosuo)²: categorized as an eastern variety of Naxi, which in turn has been characterized as:
 - o an unsubgrouped Tibeto-Burman language (Thurgood 2003:19–20),
 - o on the periphery of Loloish (Matisoff 1986:47),
 - o close to but not part of Lolo-Burmese (Bradley 1975:93), and
 - o typologically very similar to Loloish languages, yet perhaps not actually Loloish (Ramsey 1987:265–266)
- Eastern Na (Mosuo) has three dialects:
 - o Yongning
 - o Beiguba
 - o Guabie
- Eastern Na has an estimated 40,000 speakers (Yang Zhenhong, to appear); no data for the number of speakers of Yongning Na
- Also different lexical items preserved in the Daba (Na religion) oral tradition

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² Although the term "Mosuo" is useful for information technology reasons (it is the term standard in the Chinese system of designating ethnic groups and is in common usage), it has several distinct disadvantages: 1. Na people state a preference for the use of the autonym Na rather than the exonym Mosuo, which they associate with opportunistic portrayals of the Na in the pop anthropology books and VCDs created by Han outsiders for the tourist market; 2. non-specificity: "Mosuo" was used to refer to the Naxi until the official designation of the ethnicities by the Chinese government in the mid-1950s; and 3. the Guabie Na are officially designated as "Mongolian" due to socio-historical circumstances.

Southwestern China



Redrawn from map in Lonely Planet Guide to South-West China (1998: map insert between pp. 16-17)

2. Language typology

- Tends toward analycity
- Grammatical relations mainly indicated by:
 - Word order
 - Lexical choice
 - o Pragmatics
- Word order most common in unmarked, non-idiomatic, pragmatically neutral constructions: SOV
- Agreement is not marked by inflection, although person often can be extrapolated because of the conjunct/disjunct system as in Tibetan (Agha 1993, Bickel 2000, and DeLancey 2001)

3. The noun phrase: Many typical TB features

- N + ADJ + ADV + NUM + CLS word order
- Relation between nominalization, relativization, and possession (as in Lahu: Matisoff 1972; Tibetan and Newari: DeLancey 1986; Chantyal: Noonan 1997; Athpare, Belhare, Limbu: Bickel 1999; Thulung Rai: Lahaussois 2003)
- Classifier system

4. The verb phrase: Many typical TB features

- Verb-final, although aspect markers, interjections, and evidentials can follow the verb
- Multiple existential verbs: (4) (cf. Qiang: LaPolla 2003b, Nosu Yi: Walters and Ndaxit 2005)
- Aspectual system
- Conjunct/disjunct system

5. Other characteristics:

- Rampant grammaticalization: (8) processes found so far
- Evidentiality

6. Grammaticalization

Overview

a.
$$x\tilde{1}33$$
 'person' => $x\tilde{1}33$ NoM_{Agt} => $x\tilde{1}33$ NoM

b.
$$di33$$
 'place' => $di33$ NoM_{Loc} => $di33$ NoM_{Purp}

- d. dzo33 Exist/Loc => dzo33 Prog
- e. bi33 lexical verb => bi33 Aux (movement to a location) => bi33 Aux (no movement to a location) => bi33 Fut
- f. xo33 (desire) => xo33 (willingness) => xo33 (intention) => xo33 (prediction)
- g. ku13 Aux (ability) => ku13 Fut (prediction)
- h. x = 33 AUX (movement to a location) => x = 33 FUT (remote)
- **xĩ33 'person'** => xĩ33 Nom_{Agt} => xĩ33 Noma.

xĩ33 means 'person/people':

(1)
$$xi33$$
 $t^h\iota33$ $t^h\iota33$ $ni13$ $ku13$ $zo33$. person this this way FUT CRS 人 这 这样 会 了

This type of person will be like this.

这样人会这样的。

Tsodeluyizo103

 $x\tilde{1}33$ 'person' => $x\tilde{1}33$ NoM_{Agt} => $x\tilde{1}33$ NoM

Tsodeluyizo4

(3) р133 dzæ33 -xĩ33, 1a33 dzæ33 -xĩ33, zuæ33 dzæ33 -xĩ33, yak ride tiger ride -NOM_{Agt} ride $-NoM_{Agt}$ $-Nom_{Agt}$ horse 马 牦牛 骑 老虎 骑 骑 the yak rider, the tiger rider, the horse rider,

骑牦牛的人, 骑老虎的人, 骑马的人

yongzhutser12

$x\tilde{1}33$ 'person' => $x\tilde{1}33$ NoM_{Agt} => $x\tilde{1}33$ NoM

(4) -xi33 1933 zuw33 ADV MAN -Nom say 说 words 说的 Fangzi63

b. di33 'place' => di33 NoM_{Loc} => di33 NoM_{Purp}

di33 means 'land, earth, place':

di33-ku533 (5) no13 z333 1933 zı33 z333 bu33 mu33 zo33 ga33 Refl son ADV MAN take **CSM** earth-Loc Poss young woman with 自己 儿子 拿 了 地里 的 姑娘 跟

> She said, "It is not possible for my son to court 她说他们家的儿子不可能和

gemu26

se33 se33 tsə31 mw33yĩ33 pi33. court okay NEG-QUOT can 恋爱 行 슺 a regular girl." 民间的女孩子恋爱。

di33 'place' \Rightarrow di33 NoM_{Loc} \Rightarrow di33 NoM_{Purp}

(6) zu33- di33 tu33 mw33no33 wui33-di33 tu33 tha33ni31 x533 pi33. warm- Nom_{Loc} plant NEG-COP 2SG PRO mountain- NOMLoc plant NEGgo QUOT 播种 热的地 播种 是 你 山地 不 去

The heavens said, "If it's not a warm place you can't plant them, in the mountains, you can't plant them." 说,"除了热的地方以外,高山的地方,你不可以种。"

Tsodeluyizo254

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di33 'place' => di33 NoM_{Loc} => di33 NoM_{Purp}

- c. **ki33 'give'** => ki33 BEN => ki33 DAT
 - This grammaticalization conforms to cross-linguistically observed patterns of grammaticalization, as in Lord et al. (Lord et al. 2002:218–219) following Newman 1996.
 - LaPolla notes that the grammaticalization of 'give' to benefactive is quite common specifically in Tibeto-Burman languages, and has occurred independently in Jinghpaw, Tamang, Tsangla, Camling, Belhare, and Lahu (LaPolla 2003a:33).
- (8) $t^h \iota 33$ nı33 pinguo (loan) na33 ki33 ki33. 3PS PRO AGT^3 apple 1PS PRO 苹果 我 他 3ps gives me apples. 他给我苹果。

versus

ki33 'give' => ki33 BEN => ki33 DAT

我给他苹果。

At each of the three meals each day, one must do a "chudu" blessing for one's ancestors...

一天三顿饭都要给祖先和神灵作 chudu...

Fangzi24

[.]

³ In YN Na, usually the indirect object precedes the direct object in constructions with the verb ki33. However, when the agentive marker m33 is employed, the word order changes so that the direct object precedes the indirect object (examples (8) and (9)).

ki33 'give' => ki33 BEN => ki33 DAT

 $t^h u 33$. a33 pa33 to31 ki33 (11)Apato DAT arrive 到 Apato

He went to Apato's place.

到了 Apato 那里。

Tsodeluyizo60

d. dzo33 Exist/Loc => dzo33 Prog

- Grammaticalization from locative to progressive is cross-linguistically very common— Bybee et al. go as far as to say, "... aside from movement sources, reduplications, and constructions with verbs meaning 'to keep on', all progressives derive from locative constructions." (Bybee et al. 1994:131)
- (12)wu31 dze33 d133 wo33 dzo33 tçhi phuə tçhi phuə tçhi phuə tçhi phuə pi33. bird tçhi phuə tçhi phuə tçhi phuə tçhi phuə one type **EXIST** QUOT 垃 一种 有 tchi phua tchi phua tchi phua tchi phua

There was a type of bird that says, "cheeper cheeper cheeper cheeper."

有一种鸟说, "tçhi phuə tçhi phuə tçhi phuə tçhi phuə"。

Tsodeluyizo81

dzo33 Exist/Loc => dzo33 Prog

(13)ã13 qy33 -kuo33 mi31 th₁₃₃ ã31 dzo33 zo33 xõ33 ni33 zo33 d133 cave -Loc fish CLS stick **EXIST** little boy one ADV MAN 山洞 鱼 量词 卡住 有 小男孩子

There was a fish caught in the cave;

有一条鱼卡在山洞里头;

cinami37

 $t^h \iota 33$ 1133 z333 $t^h \iota 33$ bu33 dzo33. se33 xã13 this CLS cut PERF PROG meat ADV MAN roast 这 个 肉 割 了 烧 正在

the boy was roasting the fish to eat.

这个小孩儿正在烧鱼肉吃。

bi33 lexical verb => bi33 Aux (movement to a location) => bi33 Aux (no e. movement to a location) => bi33 FUT

This path of grammaticalization also adheres very closely to the patterns of grammaticalization found by Bybee et al., here, for verbs of movement (Bybee et al. 1994:267-270).

(14)thæ33 th₁₃₃ ni13 mv31 tco33 bi33 mw33tshum33. below allow often this way go NEG-经常 样 准 这 下边 去

Often in this way he was not allowed to go down to earth.

经常这样不准他去下面。

gemu28

bi33 lexical verb => bi33 Aux (movement to a location) => bi33 Aux (no movement to a location) => bi33 FUT

(15)phæ31 t¢hi33 mu33 zo33 -'æ31 513 bu33 1533 yi33 bi33 mw33zo33. -PL man young woman Refl labor NEGuse go 男 姑娘 -们] 自己 劳动 去 用

Men and women don't need to go labor (in the fields).

Change9

bi33 lexical verb => bi33 Aux (movement to a location) => bi33 Aux (no movement to a **location)** => bi33 FUT

thi13 tha33 '231 ku33 (16)no33 bu33 dzo33 po13 Rt13 po33 1933 ni31 2PS PRO Poss book **EXIST** make COP so pig skin use ADV MAN 所以 书 用 做 的 猪皮 是

So he said, "Your book is made from pig skin,

所以说,"你的书是猪皮做的,

muphadaba14

513 -z131 1233 dzi33 æ31 bi33 pi33. Refl -Dl ADV MAN eat QM QUOT go 自己 吃 吗 去

why don't we eat it up?"

我们两个要不要把它吃掉了?"

bi33 lexical verb => bi33 Aux (movement to a location) => bi33 Aux (no movement to a location) => bi33 Fut

bi33 (17)1933 sı13 ni31. ze33 pi33 ADV MAN kill COP FUT CRS QUOT 了 副词 杀 去 是

He said he was going to kill him.

说是去杀掉他。

Tsodeluyizo138

- f. $x ext{33 (desire)} => x ext{33 (willingness)} => x ext{33 (intention)} => x ext{33 (prediction)}$
- zu33 mi33 x533 suæ33 si33 (18)çi33 suæ33 -xĩ33 da13. wife find (type of tree)⁴ tall -Nom cut down want 老婆 找 要 (树的一个种类) 高

If he wanted to find a wife, he should cut down the tallest shuae si tree.

要找老婆的话,要砍最高的 şuæ sī 树。

Tsodeluyizo49

They would give their daughter to him.

女儿是会给他的。

Tsodeluyizo146

in the sand for nine years, and it would take on the appearance of a person. The protagonist could then take this magically-created woman as his wife.

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⁴ In an interview with another daba, the daba reported that suæ33 si31 in the modern language refers to a type of rhododendron or azalea. However, he was not certain whether this was what suæ33 si31 meant in the older form of the language preserved in the daba canon. Indeed, the semantics would be a bit strange, given the thinness of the trunks of rhododendrons/azaleas: in this text, Apato instructs the protagonist to cut down a suæ33 si31 tree, bury it

x = 33 (desire) => x = 33 (willingness) => x = 33 (intention) => x = 33 (prediction)

(20)a33 pa33 to31 ki33 thu33 no33 thi13 zu33 mi33 çi33 x333 ni31. Apato wife find FUT COP DAT arrive then so 到 才 所以 老婆 找 是 Apato

When he arrived at Apato's place, then he would go find a wife.

到了 Apato 那里,才去找老婆。

Tsodeluyizo48

x = 33 (desire) => x = 33 (willingness) => x = 33 (intention) => x = 33 (prediction)

th133 khum33 to31 pi13 (21)lu33 pi33 dzo33 mv33 la33 di33 1933 x533. this CLS till if heaven turn over and earth ADV MAN **FUT** 这 量词 耕 的话 天 和 地 翻转

If this piece of land is tilled, heaven and earth will switch places.

如果这块儿地耕种的话, 天和地会翻转。

Tsodeluyizo26

- **ku13 AUX** (ability) => ku13 FUT (prediction) g.
- thu33 ni13 (22)zo33 к133 gu33 513 sə33 ku31 ε31 ki31 zo33 pa33 this way PERF shuttle for weaving hemp cloth 1PL PRO isn't that right shuttle 这样 了 织麻布的槽 咱们 是不是 槽

This way, don't we have a kind of shuttle for weaving hemp cloth,

我们有一个织麻布的槽, 是不是,

Tsodeluyizo238

 $t^h \iota 33 \ ni 13$ dı33 1133 ku13 d131 ki33 thu33 si33ki33 dzo33 s133 one CLS **EXIST** can this way there pass DAT here pass DAT 这样 贯串 量词 有 会 那边 这边 贯串

that can be passed back and forth 拿这个槽在麻布上贯串过来,

thæ33 ni31.

often COP

经常 是

[through the weft].

贯串过去。

ku13 Aux (ability) => ku13 Fut (prediction)

(23) $dzi33 qy33 t^h \iota 33$ th133 d133 1133 di33 ku13 ts₁13. REP spring this one CLS ADV MAN **EXIST FUT** 泉水洞 这 量词 有

It is said that there would be a spring there.

听说会有一个泉水站在(那里)。

Tsodeluyizo107

h. xa33 Aux (movement to a location) => xa33 Fut (remote)

(24)th:33 pi33 ni31 bo13 lu13 la33 th133 ni13 xə33 everyday and this way pig feed go 每一天 猪 放 和 这样 去

Everyday he went to feed the pigs and such.

每一天去放猪阿这些。

çinami14

xə33 Aux (movement to a location) => xə33 Fut (remote)

If there were intermediary stages in the grammaticalization from auxiliary indicating movement to a location to remote future marker, these are no longer attested in the language.

(25)thi13 no33 nı33 dzw13 di33 wo33 zu31 go33 $ts^h \iota 33$ 1æ33 thæ13 illness such so 2PS PRO AGT good one bless and 所以 好 保佑 病痛 和 那些

To ask, "Please carefully protect the child so that illness and such

说请你好好的保佑一下病痛和那些

muphadaba36

di33tha33-xə33pi33.arriveNEG-FUTQUOT得到会

won't come."

不要让他得到。

7. Conclusion

One of the most striking aspects of these data is that judging by cross-linguistic studies of available paths of grammaticalization, in several cases, all or many of the stages along the grammaticalization path in YN Na are co-present. Lexical items change into grammatical markers, and yet each usage remains in the language and each retains its phonological shape. For example, processes e. and f. each have four stages, and yet all of these stages can still be attested for YN Na. This is fortunate, because as YN Na is not a written language, and there are no written records of previous incarnations of the language.

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