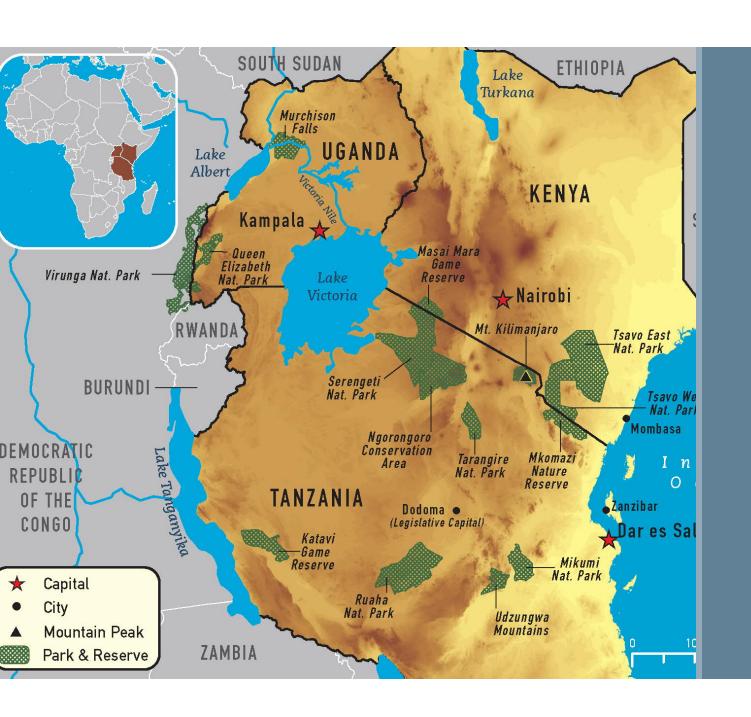
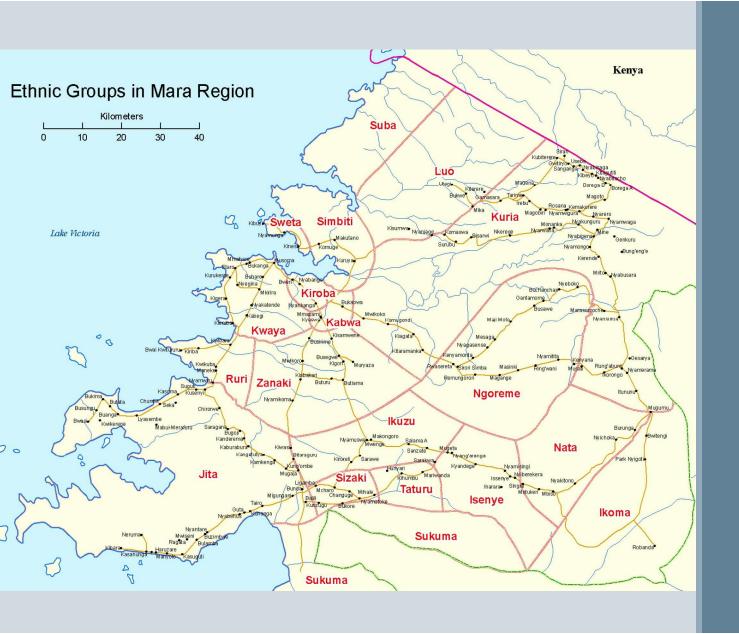
A MULTILECTAL GRAMMAR The Western Serengeti languages

LOTTA AUNIO 11 JUNE 2021



East Africa



Mara region

Mara region

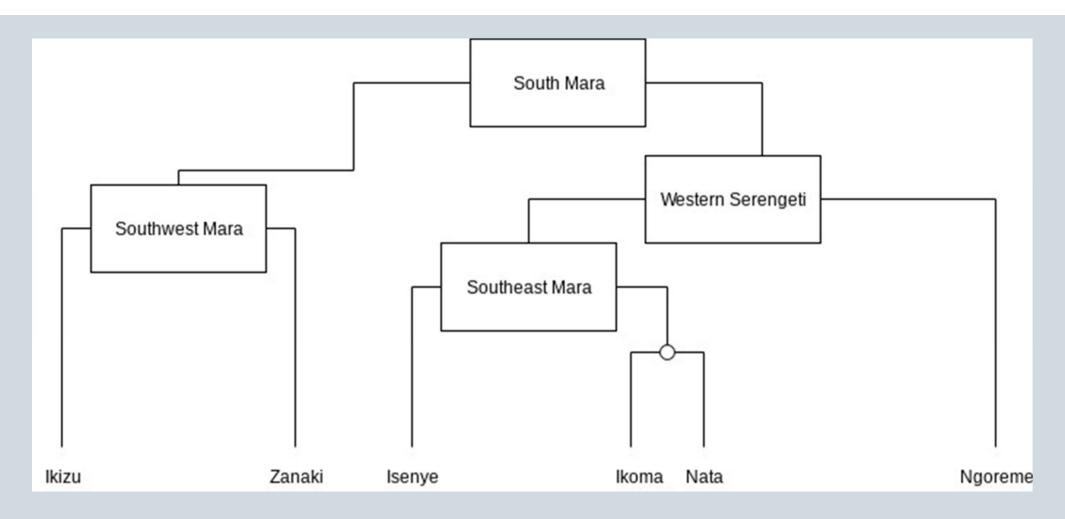
~20 Bantu languages

- JE45: Ikoma, Nata, Ishenyi
- JE401: Ngoreme
- Other JE40: Ikizu, Zanaki, Kuria, Kabwa, Simbiti
- JE20, F20

Nilotic

- Southern: Datooga
- Western: Luo
- Eastern: Maa

*Cushitic



South Mara (Roth 2018)

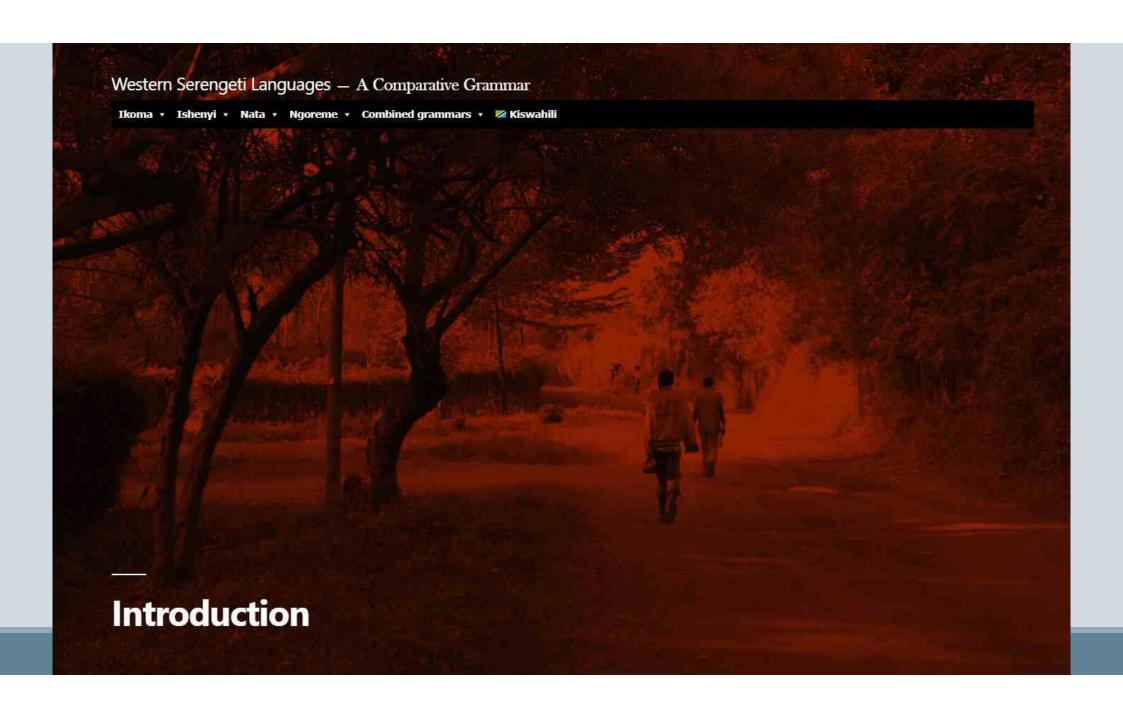
Western Serengeti languages (WS)

- High lexical similarity (Hill et al. 2007)
 - Over 85% between Ikoma-Nata-Ishenyi (INI)
 - 77-79% between Ngoreme and INI
- (Micro)variation in many areas, e.g.
 - Vowel phonemes & harmony
 - Tone system
 - TAM system
 - Noun classes

The "Mara project"

- ➤ Linguistic Variation as an Indicator of Historical Relations and Language Contact: A comparative grammar of four Mara Bantu languages (Tanzania) (https://blogs.helsinki.fi/mara-project/)
 - Funded by Kone Foundation
 - Ikoma, Nata, Ishenyi, Ngoreme

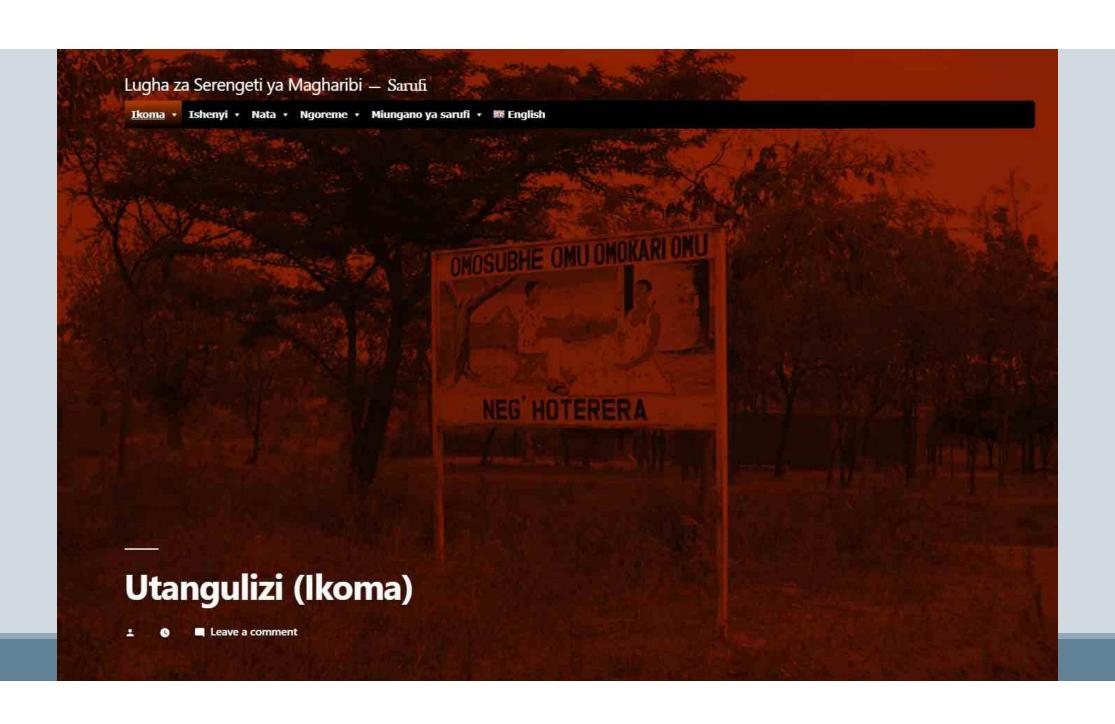
- A new approach to presenting multilectal grammars since none of the current ones can, e.g.
 - present descriptions of a single language/variety (or some subsystem), and
 - be searched for a certain subsystem (e.g. demonstratives) or feature and have a parallel view of these in all languages involved, and
 - have the linguistic descriptions translated and presented in another language (e.g. Swahili) → access to local communities, and
 - have the examples retrieved from an annotated database.



Western Serengeti Languages — A Comparative Grammar

<u>Ikoma</u> ▼ Ishenyi ▼ Nata ▼ Ngoreme ▼ Combined grammars ▼ ⊠ Kiswahili

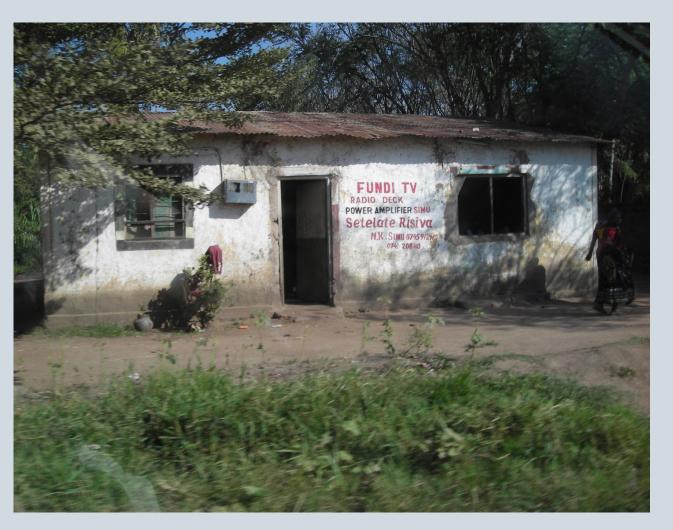
| PHONOLOGY | MORPHOLOGY | SYNTAX | DISCOURSE | | | |
|--|---------------------------------|-------------------------------|--------------------------|--|--|--|
| 1. Consonants | 4. Nominal morphology | 6. Invariables and clitics | 8. Information structure | | | |
| 1.1 Consonant inventory | 4.1 Noun class prefixes | 7. Clause structure and types | | | | |
| 1.2 Labialisation, palatalisation, and | 4.2 Locatives | | | | | |
| prenasalisation | 4.3 Pronouns | | | | | |
| 1.2.1 Labialisation | 4.3.1 Substitutives | | | | | |
| 1.2.2 Palatalisation | 4.3.2 Possessives | | | | | |
| 1.2.3 Prenasalisation | 4.3.3 Demonstratives | | | | | |
| 1.3. Dahl's Law | 4.3.4 Others | | | | | |
| 1.4 Other processes (Ikoma) | 4.4 Adjectives | | | | | |
| 1.4.1 Voicing dissimilation | 4.5 Numerals | | | | | |
| 1.4.2 /p/ > /β/ (lkoma) | 5. Verbal morphology | | | | | |
| 1.4.3 Nasal deletion | 5.1 Structure of verb forms | | | | | |
| 2. Vowels and syllables | 5.2 Subject and object prefixes | | | | | |
| 2.1 Vowel inventory | 5.3 Negation | | | | | |
| 2.2 Vowel harmony | 5.4 Copulas | | | | | |
| 2.3 Vowel length | 5.5 Focus marking | | | | | |
| 2.4 Vowel hiatus resolution | 5.6 Participles and relatives | | | | | |
| 2.5 Syllable structure | 5.7 Verbal derivation | | | | | |
| 3. Tone | 5.8 Tense-aspect-modality (TAM) | | | | | |
| 3.1 Nominal lexical tone | 5.9 Evidentiality | | | | | |
| 3.2 Verbal lexical tone | 5.10 Phasal polarity | | | | | |
| 3.3 Grammatical tone | 5.10.1 Introduction | | | | | |
| 3.4 Major tone processes | 5.10.2 Still | | | | | |
| | 5.10.3 Not yet | | | | | |
| | 5.10.4 Already | | | | | |
| | 5.10.5 No longer | | | | | |
| | 5.10.6 Summary | | | | | |



Lugha za Serengeti ya Magharibi — Sarufi

<u>Ikoma</u> → Ishenyi → Nata → Ngoreme → <u>Miungano ya sarufi</u> → # English

| ZOTE NNE | IKOMA & ISHENYI | IKOMA & NATA | IKOMA & NGOREME | ISHENYI & NATA | ISHENYI & | NATA & NGOREME |
|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|
| Fonolojia | Fonolojia | Fonolojia | Fonolojia | Fonolojia | NGOREME | Fonolojia |
| 1. Konsonanti | 1. Konsonanti | 1. Konsonanti | 1. Konsonanti | 1. Konsonanti | Fonolojia | 1. Konsonanti |
| 1.1 Aina za konsonanti | 1.1 Aina za konsonanti | 1.1 Aina za konsonanti | 1.1 Aina za konsonanti | 1.1 Aina za konsonanti | 1. Konsonanti | 1.1 Aina za konsonanti |
| 1.2 Kanuni za | 1.2 Kanuni za | 1.2 Kanuni za | 1.2 Kanuni za | 1.2 Kanuni za | 1.1 Aina za konsonanti | 1.2 Kanuni za |
| konsonanti kuathiri na | konsonanti kuathiri na | konsonanti kuathiri na | konsonanti kuathiri na | konsonanti kuathiri na | 1,2 Kanuni za | konsonanti kuathiri na |
| kuathiriwa na | kuathiriwa na | kuathiriwa na | kuathiriwa na | kuathiriwa na | konsonanti kuathiri na | kuathiriwa na |
| mazingira yao | mazingira yao | mazingira yao | mazingira yao | mazingira yao | kuathiriwa na | mazingira yao |
| 1.2.1 Labialisation | 1.2.1 Labialisation | 1.2.1 Labialisation | 1.2.1 Labialisation | 1.2.1 Labialisation | mazingira yao | 1.2.1 Labialisation |
| swa | Ikoma & Ishenyi swa | Ikoma & Nata swa | Ikoma & Ngoreme | Ishenyi & Nata swa | 1.2.1 Labialisation | Nata & Ngoreme |
| 1.2.2 Palatalisation | 1.2.2 Palatalisation | 1.2.2 Palatalisation | swa | 1.2.2 Palatalisation | Ishenyi & Ngoreme | swa |
| swa | Ikoma & Ishenyi swa | Ikoma & Nata swa | 1.2.2 Palatalisation | Ishenyi & Nata swa | swa | 1.2.2 Palatalisation |
| 1.2.3 Prenasalisation | 1.2.3 Prenasalisation | 1.2.3 Prenasalisation | Ikoma & Ngoreme | 1.2.3 Prenasalisation | 1.2.2 Palatalisation | Nata & Ngoreme |
| swa | Ikoma & Ishenyi swa | Ikoma & Nata swa | swa | Ishenyi & Nata swa | Ishenyi & Ngoreme | swa |
| 1.3 Kanuni ya Dahl | 1.3 Kanuni ya Dahl | 1.3 Kanuni ya Dahl | 1.2.3 Prenasalisation | 1.3 Kanuni ya Dahl | swa | 1.2.3 Prenasalisation |
| 1.4 Other processes | 1.4 Other processes | 1.4 Other processes | Ikoma & Ngoreme | 1.4 Other processes | 1.2.3 Prenasalisation | Nata & Ngoreme |
| swa | Ikoma & Ishenyi swa | Ikoma & Nata swa | swa | Ishenyi & Nata swa | Ishenyi & Ngoreme | swa |
| 1.4.1 Voicing | 1.4.1 Voicing | 1.4.1 Voicing | 1.3 Kanuni ya Dahl | 1.4.1 Voicing | swa | 1.3 Kanuni ya Dahl |
| dissimilation swa | dissimilation Ikoma & | dissimilation (koma & | 1.4 Other processes | dissimilation Ishenyi | 1.3 Kanuni ya Dahl | 1,4 Other processes |
| 1.4.2 /p/ > /B/ | Ishenyi swa | Nata swa | Ikoma & Ngoreme swa | & Nata swa | 1.4 Other processes | Nata & Ngoreme swa |
| 1.4.3 Nasal deletion | 1.4.2 /p/ > /β/ | 1.4.2 /p/ > /β/ | 1.4.2 /p/ > /β/ | 1.4.2 /p/ > /β/ Ishenyi | Ishenyi & Ngoreme | 1.4.1 Voicing |
| swa | 1.4.3 Nasal deletion | 1.4.3 Nasal deletion | 1.4.1 Voicing | & Nata swa | swa | dissimilation Nata & |
| 2. Vifuniko na silabi | Ikoma & Ishenyi swa | Ikoma & Nata swa | dissimilation Ikoma & | 1.4.3 Nasal deletion | 1.4.1 Voicing | Ngoreme swa |
| 2.1 Aina za irabu | 2. Vifuniko na silabi | 2. Vifuniko na silabi | Ngoreme swa | Ishenyi & Nata swa | dissimilation Ishenyi | 1.4.2 /p/ > /β/ Nata |
| 2.2 Tangamano la irabu | 2.1 Aina za irabu | 2.1 Aina za irabu | 1.4.3 Nasal deletion | 2. Vifuniko na silabi | & Ngoreme swa | & Ngoreme |
| 2.3 Urefu wa irabu | 2.2 Tangamano la irabu | 2.2 Tangamano la irabu | Ikoma & Ngoreme | 2.1 Aina za irabu | 1.4.2 /p/ > /B/ Ishenyi | 1.4.3 Nasal deletion |
| 2.4 Muungano wa | 2.3 Urefu wa irabu | 2.3 Urefu wa irabu | swa | 2.2 Tangamano la irabu | & Ngoreme swa | Nata & Ngoreme |
| irabu | 2.4 Muungano wa | 2.4 Muungano wa | 2. Vifuniko na silabi | 2.3 Urefu wa irabu | 1.4.3 Nasal deletion | swa |
| 2.5 Mipaka ya silabi | irabu | irabu | 2.2 Tangamano la irabu | 2.4 Muungano wa | Ishenyi & Ngoreme | 2. Vifuniko na silabi |
| 3. Toni | 2.5 Mipaka ya silabi | 2.5 Mipaka ya silabi | 2.3 Urefu wa irabu | Irabu | swa | 2.1 Aina za irabu |
| 3.1 Toni za kileksia za | 3. Toni | 3. Toni | 2.1 Aina za irabu | 2.5 Mipaka ya silabi | 2. Vifuniko na silabi | 2.2 Tangamano la irabu |
| nomino | 3.1 Toni za kileksia za | 3.1 Toni za kileksia za | 2.4 Muungano wa | 3. Toni | 2.1 Aina za irabu | 2.3 Urefu wa irabu |



Sharing

- Web design can be copied to other projects with similar needs
- Documentation and scripts openly available in GitHub

Thank you!
Asanteni!
Mogáchomi chwée!