Documenting the Landscape (Geographic) Domain in Anthropological Linguistic Fieldwork

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Introduction

- How do landscape objects get categorized in language?
- How does a 'continuous' landscape get seen as 'objects' at all?
- How does a researcher discover and then accurately document landscape categories?





Introduction – cont'd



- Is this an instance of a *marnda* in Yindjibarndi?
- If so, what are its limits? Is 'the feature' just the rock outcrop or does it include the surrounding incline?
- How would Seri speakers categorize it?

Introduction - cont'd

- In ethnobotanical research scientific taxonomies can be used as "etic grids" against which indigenous systems of categorization can be recorded
 - Likewise, the Munsell color chart provides an "etic grid" for color terms
 - Is there a scientific taxonomy for the landscape domain that can serve as an "etic grid"?

Introduction – cont'd

- Here we will address some of the issues related to the elicitation of landscape terms
 - Scale of landscape
 - Ambiguity of reference
 - Interpreting indigenous categories

Introduction – cont'd

- To illustrate some of the methodological challenges of landscape elicitation, data from the following languages will be presented
 - Seri, language isolate, spoken in northwestern Mexico
 - Yindjibarndi, Pama-Nyungan, spoken in Pilbara region, Western Australia

Scale of landscape

- Many landscape objects can only be perceived or recognized at certain scales.
 - For instance, how did people find out that Baja
 California is a peninsula and not an island?



Picture from:

http://encarta.msn.com/map_701510442/baja_california.html

Some landscape objects are only recognizable up close

zaaj 'cave'
in Seri,
along the
side of a
dry
riverbed
(or arroyo)

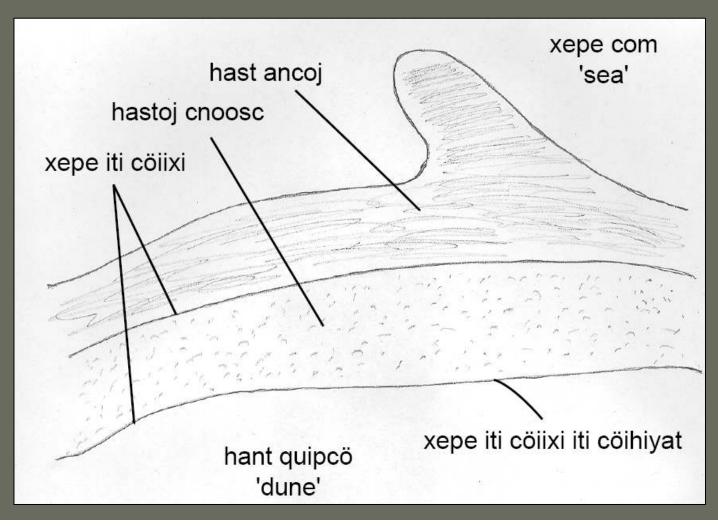


 Some landscape objects are only recognizable up close

Parts of the beach which have different names in Seri



Seri parts of the beach (with labels)



- Possible solutions
 - Keep in mind that scale is an important and tricky component to discovering landscape categories
 - Explore the landscape on foot with native speaker consultants as much as possible
 - Viewing the landscape from different vantage points

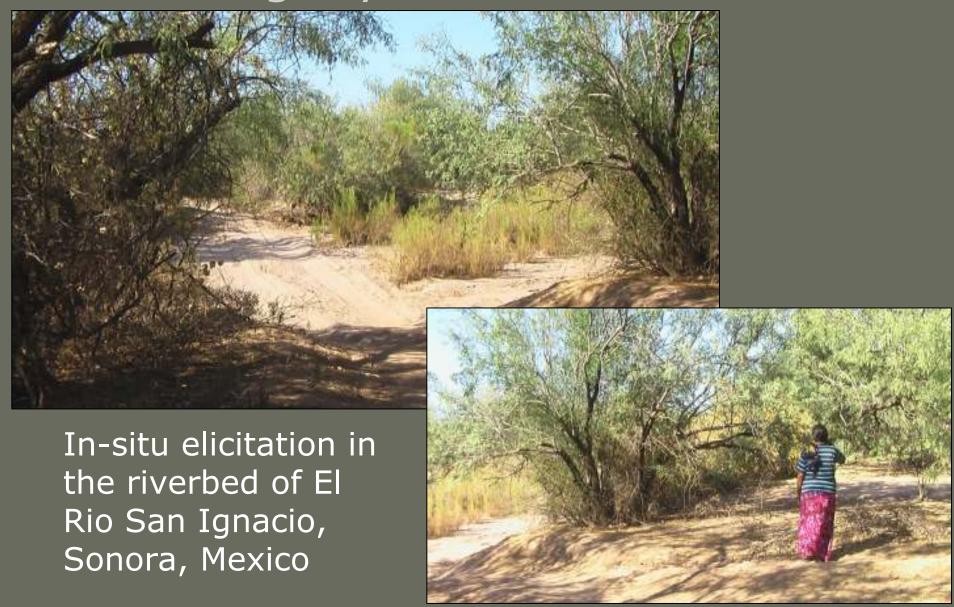
Ambiguity of reference



- All 4 groups of Yindjibarndi elders who reacted to this photo included mankurdu in their response
- So what does mankurdu refer to?
 - 'river', 'flood', 'strong, fast flowing water', 'muddy brown water', 'river bordered by trees', 'riverbed', or the name of the place where the picture was taken

- The published dictionaries (Wordick 1982, Anderson 1986), indicate that mankurdu means 'Fortescue River'
- But fieldwork by Mark, Turk and Stea has shown that mankurdu refers to water flow that is deep and fast, and has a meaning close to that of the English word 'flood'

- Using photographs, drawings or pointing gestures can lead to ambiguity of what is being referred to.
- Photographs can be a good tool for testing extensional boundaries of terms, but they can cause some undesired effects, as well.



- Possible solutions
 - In-situ elicitation
 - Finding multiple instances of a given referent to a landscape term
 - Lexical relation elicitation with landscape terms
 - Participation in landscape-related activities
 - e.g., hunting and gathering

Interpreting indigenous categories

arroyo in Seri *hant ipzx*

reef in Seri – *xatj*



Interpreting indigenous categories – cont'd

- What is the denotation of xatj in Seri?
 - Does it mean '(sea) reef' or something more general?



Interpreting indigenous categories – cont'd

- xatj in Seri appears to have a broader extension than 'reef' in English
 - See also itoaa xatj 'its foot' (lit. 'its reef leg')
- Does this term refer to the spatial property of an object?
 - A long (semi-)raised object?
- Is the original use of xatj to refer to sea reefs?

Interpreting indigenous categories – cont'd

- Possible solutions
 - Explore the landscape that exists in the field site where you are working – see what's out there!
 - Participate in landscape-related activities
 - In-situ landscape diagramming
 - Work backwards from placenames to landscape generics
 - Record landscape narratives
 - Review previously recorded narratives, songs, etc.

Summary

- There are quite a few variables to keep track of when conducting landscape elicitation
 - Viewing the landscape at an appropriate scale
 - Preventing ambiguity of reference
 - Discovering indigenous categories

Summary - cont'd

- Collection of landscape terms requires the researcher to
 - Conduct fieldwork learning aspects of the language and culture, as well as experiencing parts of daily life that involve the landscape
 - Not "lead the witness"
 - Be open to new interpretations

Summary - cont'd

- Researchers can contribute to the documentation of landscape terms by
 - geo-tagging photographs or videos
 - linking photos or video with related recordings and transcriptions, including landscape terms and/or placenames

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Microsoft*

Appendix

Additional photos of marnda



Appendix – cont'd

 Another picture of the marnda, with David Mark for scale



Appendix – cont'd

Additional photos of Ashburton River

