



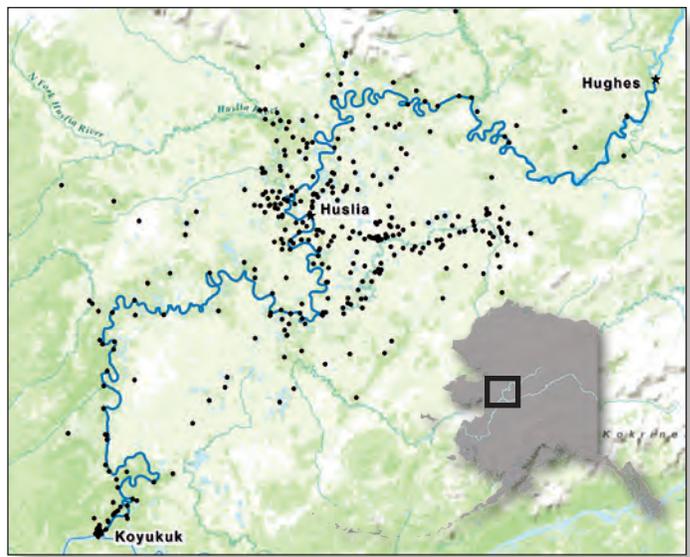
Mapping Traditional Place Names along the Koyukuk River— Koyukuk, Huslia, and Hughes, Western Interior Alaska

Introduction

Koyukon Athabascan peoples have settled along the Koyukuk River in Western Interior Alaska for thousands of years using the surrounding landscape for subsistence and cultural resources. However, recent changes in climate, technology, resource availability, and way of life have affected land-use patterns in the region, as well as use of the Denaakk'e (Koyukon) language. The current Koyukon population is about 2,300, and about 150 still speak the language (the youngest of whom are in their fifties). In addition, Elders, important keepers of both language and traditional subsistence-use areas, are aging, and opportunities to record their knowledge are diminishing.

"If place names are left undocumented then the owners and history of those places remain invisible. Place names provide clear evidence of land use and demonstrate Native presence in an area"

Gary Holton, Director of the Alaska Native Language Archive, Alaska Native Language Center



Study area map representing the 366 spatially verified place names along the Koyukuk River from Koyukuk to Hughes.

Project Goals

The goals of the place names project are to collect, preserve, cultivate, and pass on the rich knowledge and culture of the Koyukon people with regards to traditional place names and subsistence-use areas along the Koyukuk River in the villages of Koyukuk, Huslia, and Hughes. Place names provide important information regarding navigation, resource availability, cultural history, land ownership, and changes in land use. Archiving information of this nature assists in passing local and traditional knowledge to subsequent generations.

To achieve project goals, the U.S. Geological Survey (USGS) is working in collaboration with a diverse group of team members, including the Yukon-Koyukuk School District, U.S. Fish and Wildlife Service, Yukon Drainage Fisheries Association, and knowledge holders from the region, on the documentation and the placement of traditional place names.



Above: Sarah McCloskey (U.S. Geological Survey) verifies place names on USGS topographic maps with Elders, (left to right) Benedict Jones and Franklin "Kaki" Dayton Sr. in Koyukuk, Alaska (photograph taken by Catherine Moncrieff, Yukon River Drainage Fisheries Association).



Right: Karin Bodony (U.S. Fish and Wildlife Service) with Elders and community members, (left to right) George Yaska Sr., Shirley Sam, Elsie Vent, Eliza Jones, and Benedict Jones, review maps at a meeting in Huslia. Shirley Sam listens to Benedict Jones as he shows her where her parents and grandparents had camps (photograph taken by Susan Paskvan, Yukon-Koyukuk School District).

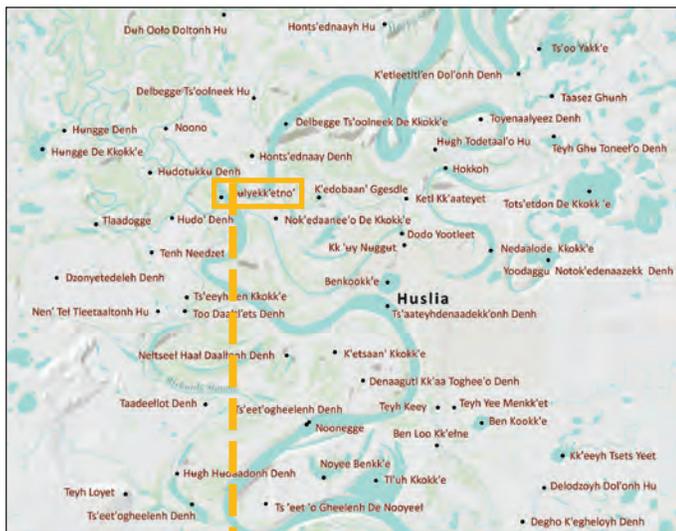


Figure 1. A subsection of the final Koyukon place names map focused on the Huslia area.

Place ID	Source	Traditional Name	English Name	Alt Name_1	Alt Spelling_1	Meaning / Translation	Location Type	Comment_1
1	DoyonOral, Sam, Nelson, Huntington, Jette, Solomon, Dictionary	Hulyek'etno'	Huslia River	Rolyékatno (Je)	Hulyik'atna (Dic)	River with a steep bank (DO), River under the timber (Je)	River	Huslia River, goes to (flows from) Hu'kkegh Yele' (Galena MT.)
2	DoyonOral, Solomon, Jette	Meneelghaadze T'oh	Koyukuk		Mineelghaats'it'oh (Dic)	At the foot of the Koyukuk Mountain	Village	
3	Attla82, Eliza, Dictionary, Jette	Kk'uyt'ots'ene	Koyukuk River	Denh Yegge	K'uyit'ots'ina (A82)		River	Denh Yegge is an old name, all bendy. That mean' s river through high land. Way up, way above Allakaket.
4	Jones, STE002	Taats'eeltluh Denh			Taats'eeltluh Denh (So)	Place where someone jumped in the river	Place	Long time people used to get in trouble. He was medicine man. Marshall came. He jump off barge.

Figure 2. Screen capture of a database table and the corresponding fields recorded for each place name.

Outcomes

Interviewed nine Elders in the village of Huslia, three Elders in the village of Koyukuk, and two Elders in the village of Hughes.

- Created a database to catalog 675 place names and a geodatabase with 366 place name locations.
- Collected video and voice recordings of place name stories, meanings, and pronunciations.
- Located six previously undocumented old and current winter trail systems.

Future Directions

- Integrate traditional place names from this project into the USGS Geographic Names Information System (GNIS).
- Create a river atlas and various map products for publication and distribution throughout the Koyukuk River region.
- Create an interactive website that integrates place names with recordings of video and voice interviews.
- Incorporate traditional place name information into climate change studies.

Summary

The project began by collecting hundreds of existing place names from Alaska Native Language Center (ANLC) archives, synthesis of previous work on place names, and pertinent literature. Next, the team traveled to the Koyukuk River communities of Huslia, Koyukuk, and Hughes to meet with Elders and community members to identify and verify place names on USGS topographic maps (fig. 1) and to receive feedback from local communities regarding final product preferences. The team also presented the project to local students. Information collected from place name interviews (including place name source, alternate names, alternate spellings, place name meanings, and associated stories) were integrated with the place name location into a geospatial database (fig. 2). The final database was proofed and archived at the ANLC. In addition, Elders, youth, and the project team traveled by boat along the Koyukuk River and posted traditional place name signs along the route (fig. 3); engaged Elders and youth along the river corridor; collected environmental data; and delivered presentations at community centers in each of the three villages.



Figure 3. Local youth post place name signs along the confluence of the Koyukuk and Huslia Rivers (photograph taken by Susan Paskvan, Yukon-Koyukuk School District).

Acknowledgments

Thanks to the following groups and people for their contributions and support: Rose Ambrose, Catherine and Steven Attla, Fred Bifelt, Annie Dayton, Franklin Dayton Sr., Richard and Angeline Derendoff, Bill Derendoff, Marion Huntington, Sidney Huntington, Jennie Huntington, Jules Jetté, Benedict Jones Sr., James Kari, Doria Lolnitz, Richard K. Nelson, Tony Sam Sr., Edwin Simon, Madeline Solomon, Bill and Madeline Williams, Lavine and Susie Williams, George Yaska Sr., Communities of Huslia and Koyukuk, Huslia Tribal Council, Hughes Tribal Council, Koyukuk Tribal Council, Alaska Native Language Center, USGS Alaska Regional Office, USGS Office of Tribal Relations, USGS Student Interns in Support of Native American Relations (SISNAR) Internship Program, and Koyukuk National Wildlife Refuge

Authors

Sarah McCloskey, U.S. Geological Survey; Eliza Jones, Koyukon Athabascan Linguist and Elder; Susan Paskvan, Yukon-Koyukuk School District; Catherine Moncrieff, Yukon River Drainage Fisheries Association; Karin Bodony, U.S. Fish and Wildlife Service; Ryan Toohey, U.S. Geological Survey; and Benjamin M. Jones, U.S. Geological Survey.

For more information: Director, Alaska Science Center
U.S. Geological Survey
4210 University Drive,
Anchorage, Alaska 99508
<http://alaska.usgs.gov>

Publishing support provided by the U.S. Geological Survey
Tacoma Publishing Service Center