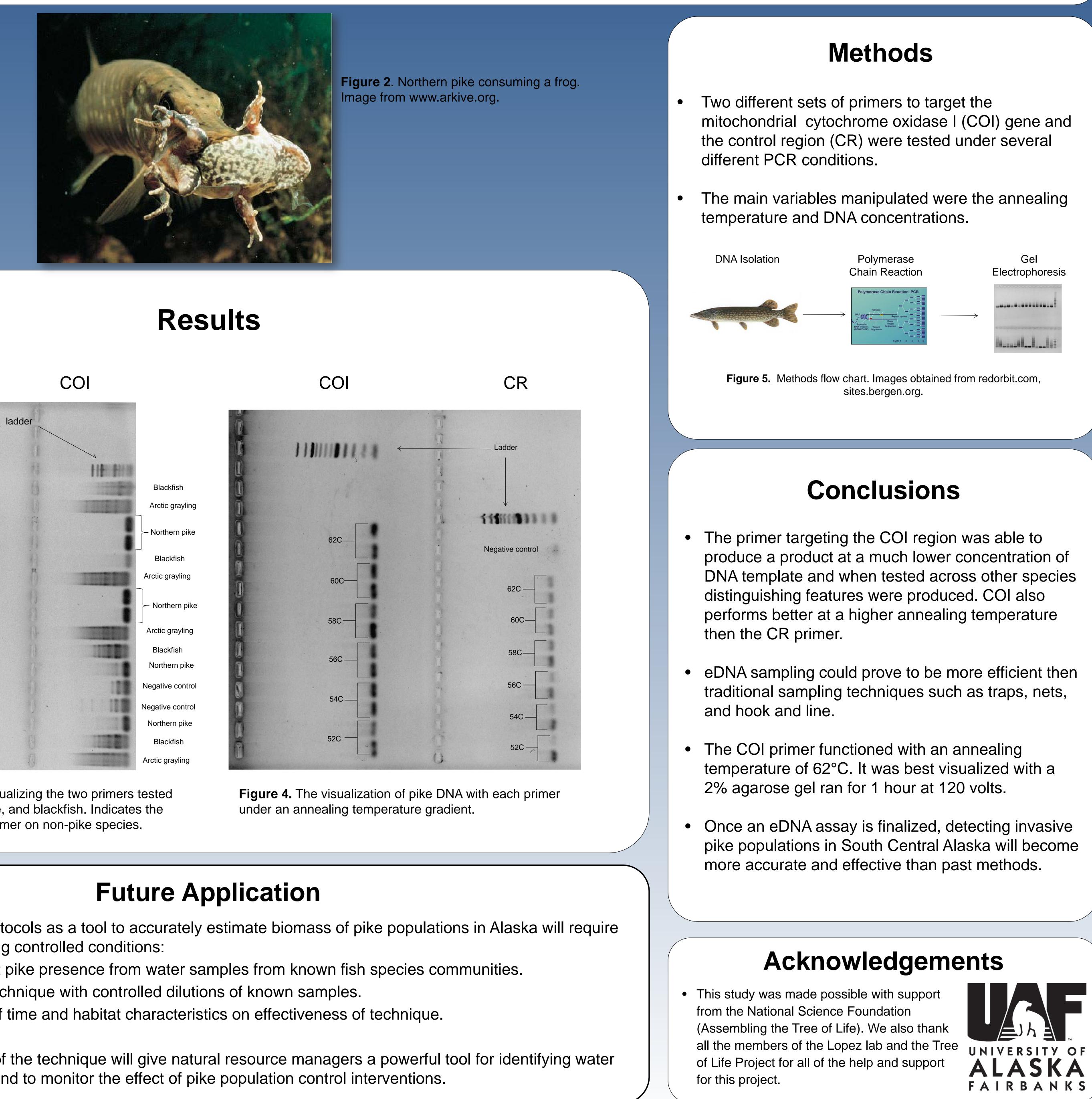


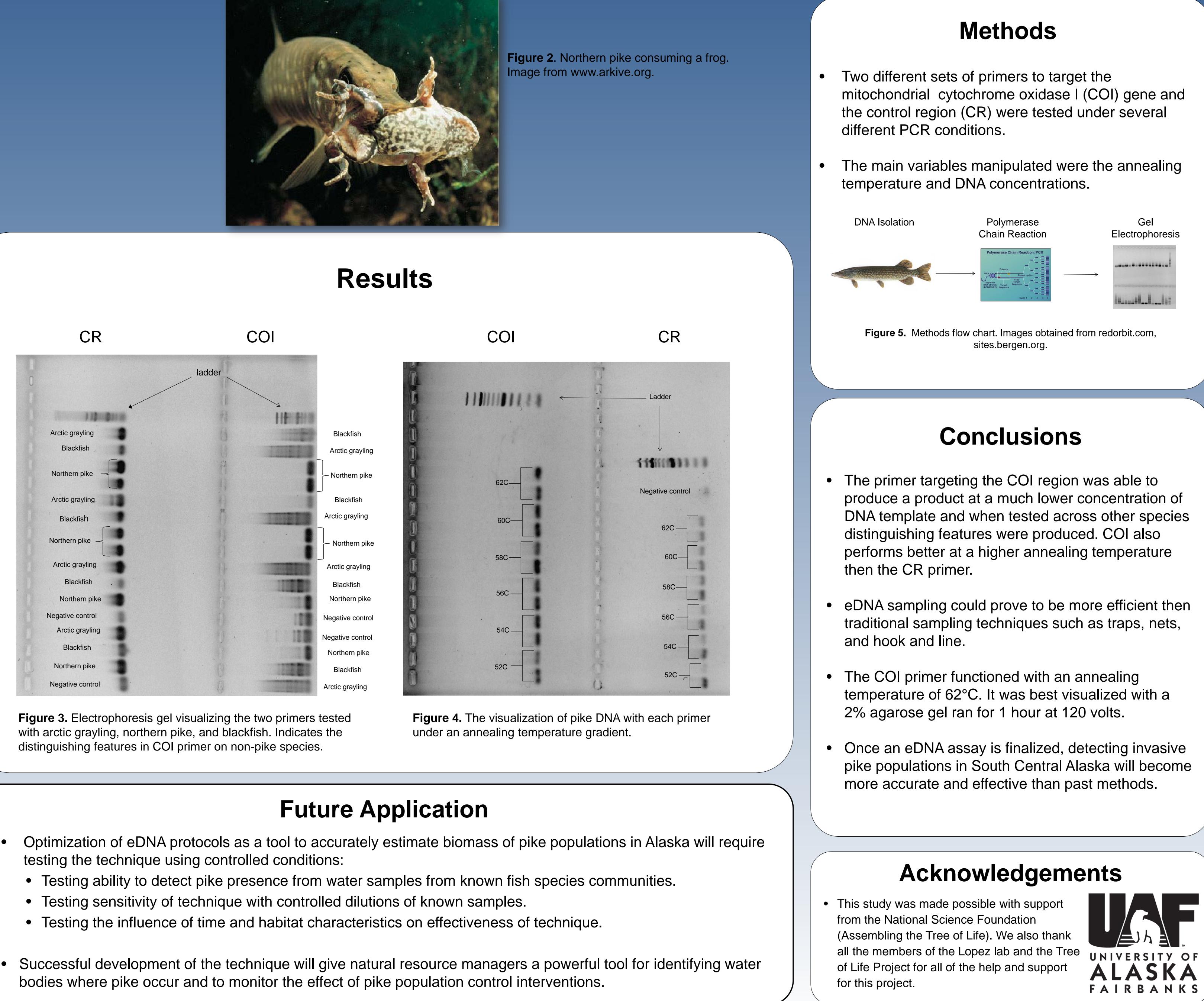
- Northern pike have been, and appear to continue to be, introduced illegally in waters south of the Alaska range.
- Management agencies are searching for ways to control the invasive populations to protect native fish populations.
- Detecting species in aquatic habitats from analyses of environmental DNA may prove a cost effective field survey technique.

# Detection of invasive northern pike (Esox lucius) from environmental DNA

## Ethan Buchinger<sup>1</sup>, Matthew Campbell<sup>1,2</sup>, and J. Andrés López<sup>3,4</sup>

<sup>1</sup>UAF Biology and Wildlife, <sup>2</sup>UAF Institute of Arctic Biology, <sup>3</sup>UAF School of Fisheries and Ocean Sciences, <sup>4</sup>University of Alaska Museum







To contact Ethan Buchinger, send an email to egbuchinger@alaska.edu