

I'm Michael Young with the Rocky Mountain Research Station in Missoula, Montana.  
I'm a research fisheries biologist, and I also work for the National Genomic Center  
for Wildlife and Fish Conservation.

So imagine if you will a world in which places that were once adjacent  
to one another are now 200 miles apart.

Imagine if you will a 10,000 foot mountain range that has moved 400 miles.

And also imagine an entire continent entombed in ice thousands of feet of it and, yet,  
that ice recedes and then it's reoccupied by all manner of species.

My goal as part of my work for the Rocky Mountain Research Station is  
to understand how those events have built the biodiversity of aquatic organisms we  
have today.

It's to discover where these elements of biodiversity are.

And even to discover new species.

And also to understand how the things that we do  
and how other natural events will influence the status of these organisms in the future.