Challenge
Globally, more than one million species are at risk of extinction. Without precise information on where those species are likely to be found, conservationists struggle to prioritize their efforts. Regulations for protecting endangered species inhibit agriculture, housing, and infrastructure development in areas where there is uncertainty about the presence of at-risk species.

Solutions
By integrating biological field data from the NatureServe Network, digital climate and environmental maps, and Azure Machine Learning, NatureServe generates predictive habitat maps for thousands of at-risk species, delivering precision conservation at the scale of a nation. When armed with intelligent data, we can reduce negative impacts and more effectively act to conserve our natural heritage.