

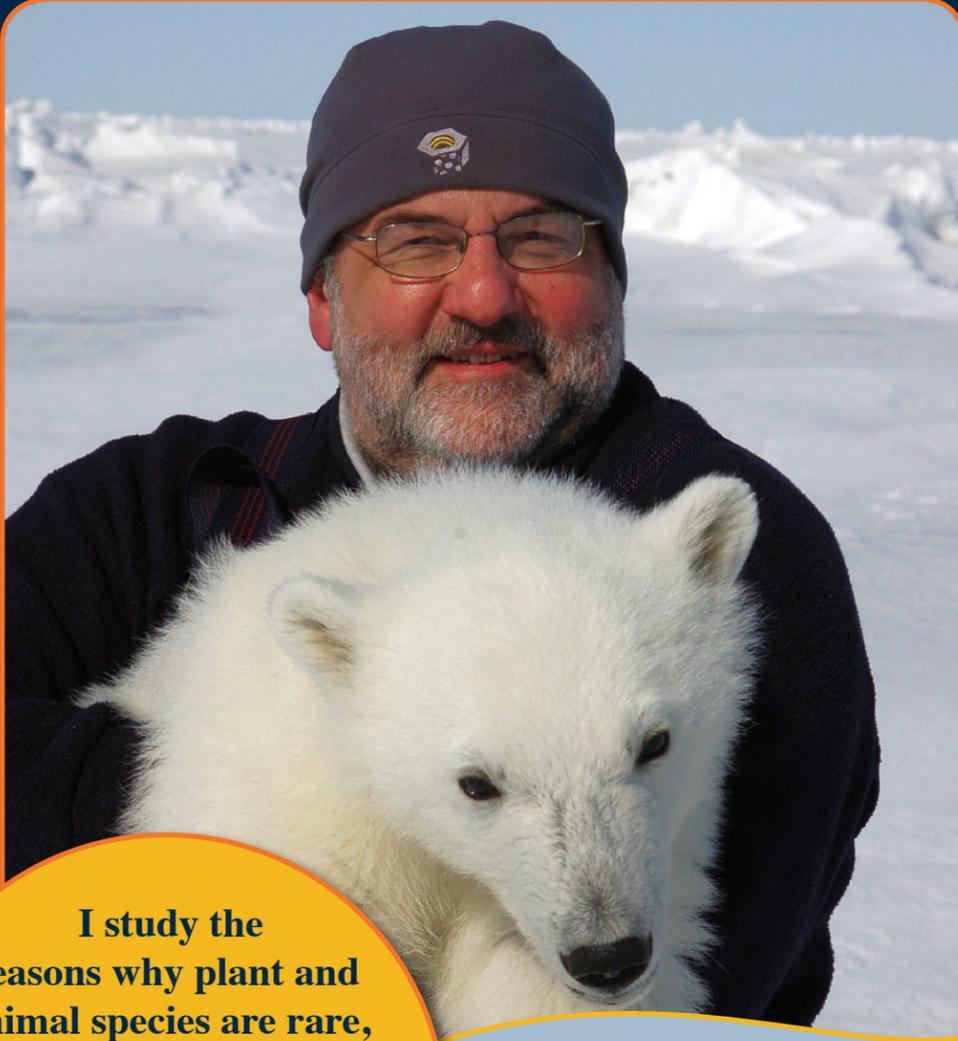


Meet the Scientist!



<http://www.naturalinquirer.org>

<http://www.scienceinvestigator.org>



I study the reasons why plant and animal species are rare, why some are at risk, and how threatened or endangered species and ecosystem functions can be conserved and restored.

Dr. Bruce G. Marcot
Research Wildlife Ecologist
Ph.D., Oregon State University
Corvallis, OR
USDA Forest Service scientist



Dr. Bruce G. Marcot

Important Scientist Characteristics

★ I have published poetry, done art work, composed classical music, written philosophy, studied linguistics, history, and archeoastronomy. This gives a unique perspective on conducting science by metaphor: that is, seeing one thing as another, and exploring the implications of that similarity to help create new scientific theories and approaches.

Example of a simple research question I have tried to answer:

How do climate change, environmental conditions, and human activities affect the future populations of polar bears and walrus in the high Arctic? How do changes in climate policy and other activities help avoid the decline or extinction of polar bears and walrus in the high Arctic?

Technology or equipment used in research: I use computer modeling, based on experts' knowledge, to predict the future of rare or at-risk species, and to find new ways to analyze how ecosystems function and provide resources of interest to people.

<http://www.taos-telecommunity.org/epow/>

Most Exciting Discovery

Finding a potentially new species of owl in the Congo River Basin, based on my studies of its calls throughout Africa.

When did you know you wanted to be a scientist?

In the 4th grade when I got my first telescope and when I was catching snakes, lizards, and salamanders in the woods behind my house.