



Hundreds of species of mammals in the Western Hemisphere may not be able to migrate with the projected speed of climate change, according to a new study released Monday.

"As they have in response to past climatic changes, many species will shift their distributions in response to modern climate change," the authors write in the study. "However, due to the unprecedented rapidity of projected climatic changes, some species may not be able to move their ranges fast enough to track shifts in suitable climates and associated habitats."

The study appeared in the journal *Proceedings of the National Academy of Sciences* and was led by Carrie Schloss, an ecologist at the University of Washington.

The study looked at the dispersal speeds of 493 mammals, and found that in some places, as many as 39% may not be able to keep pace with climate change.

Dispersal is the movement of an animal away from its home range, without anticipated return, according to Schloss.

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