

Scientists: First sighting of dolphin hybrid is no 'wholphin'

July 31 2018, by Jennifer Sinco Kelleher



This Aug. 11, 2017, photo provided by Cascadia Research shows a hybrid between a melon-headed whale and a rough-toothed dolphin, in the foreground, swimming next to a melon-headed dolphin near Kauai, Hawaii. Scientists are touting the first sighting of the hybrid off Hawaii. It's also only the third confirmed instance of a wild-born hybrid between species in the Delphinidae family. (Kimberly A. Wood/Cascadia Research via AP)

Scientists are touting the first sighting of a hybrid between a melon-

headed whale and a rough-toothed dolphin in the ocean off Hawaii. But don't call it a "wholphin," they say.

The melon-headed whale is one of the various species that's called a whale but is technically a dolphin.

"Calling it something like a wholphin doesn't make any sense," said one of the study's authors, Robin Baird, a Hawaii research biologist with Washington state-based Cascadia Research Collective. "I think calling it a wholphin just confuses the situation more than it already is."

In a study published last week, scientists say the animal spotted off the island of Kauai in August 2017 appears to be the first record of a hybrid involving either species. It's also only the third confirmed instance of a wild-born hybrid between species in the Delphinidae family.

The label "wholphin" has stuck for a hybrid of a false killer whale and an Atlantic bottle-nose dolphin born in 1985 at Hawaii's Sea Life Park. The hybrid named Kekaimalu still lives at the marine mammal park, where she helps teach children about genetics.

News of the hybrid spotted in the wild last year during Navy-funded research on the effects of sonar proves the "genetic diversity of the ocean," Sea Life Park curator Jeff Pawloski said.

"I always thought they were out there in the wild existing—it only makes sense," he said. "And to know she has cousins out there in the ocean is an amazing thing to know."

Some news organizations have described the melon-headed whale and rough-toothed dolphin hybrid as a new species, but other things would still need to occur, including more widespread hybridization, Baird said.

"That isn't the case, although there are examples where hybridization has resulted in a new species," he said. "There's no evidence to suggest it's leading toward anything like species formation."

The male hybrid presents an opportunity to look for others. Hybrids generally occur when there's a decline in the population in one of the parental species, so scientists will be looking out for such a decline.

A likely scenario for how the hybrid came to be is a melon-headed whale getting separated from its group and ending up traveling with rough-toothed dolphins.

Scientists don't know how old it is but believe it's close to adult age.

© 2018 The Associated Press. All rights reserved.

Citation: Scientists: First sighting of dolphin hybrid is no 'wholphin' (2018, July 31) retrieved 28 July 2024 from <https://phys.org/news/2018-07-dont-dolphin-hybrid-hawaii-wholphin.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.