

Humpback whales increasing in waters near NYC

December 10 2014, by Jim Fitzgerald



In this June 2014 photo provided by Gotham Whale, a humpback whale breaks through the surface of the Atlantic Ocean just off a beach on the Rockaway peninsula near New York City. Humpbacks have been approaching the city in greater numbers than in many years; there were 87 sightings in nearby waters from a whale-watching boat in 2014. (AP Photo/Gotham Whale/Dennis Guiney)

Maybe they want to sing on Broadway. Humpback whales, the gigantic,

endangered mammals known for their haunting underwater songs, have been approaching New York City in greater numbers than even old salts can remember.

Naturalists aboard whale-watching boats have seen humpbacks in the Atlantic Ocean within a mile of the Rockaway peninsula, part of New York's borough of Queens, within sight of Manhattan's skyscrapers.

"It is truly remarkable, within miles of the Empire State Building, to have one of the largest and most charismatic species ever to be on this planet," said Howard Rosenbaum, director of the Ocean Giants program at the Wildlife Conservation Society.

Humpbacks were spotted 87 times from the boats this year, and by cataloging the whales' markings, at least 19 different humpbacks have been identified in the waters off the city.

Paul Sieswerda, founder of Gotham Whale, which documents the marine mammal population around New York, said reports of humpbacks in the New York Bight, where the city's harbor meets the Atlantic, began to pick up around 2010 from surprised fishermen and other veterans on the water. Gotham Whale then partnered with the American Princess whale-watching boat, providing naturalists who could document the sightings.

The naturalists also do an educational presentation on the boat and answer customers' questions, said Tom Paladino, the boat's captain.

"It was pretty slim pickings at first, actually," Sieswerda said. "We went on many cruises and had three sightings totaling five whales in 2011."



In this 2013 photo provided by Gotham Whale, the back of a humpback whale breaks the surface of the water in the Atlantic Ocean off New York City with the Manhattan skyline in the background. Humpbacks have been approaching the city in greater numbers than in many years; there were 87 sightings in nearby waters from a whale-watching boat in 2014. (AP Photo/Gotham Whale/Paul Sieswerda)

But in 2012, there were 15 sightings; in 2013, 33; and this year there were 87 sightings totaling 106 humpbacks.

Many whales were sighted more than once. But by comparing flukes—the distinctive shapes and markings of their tails—19 different humpbacks have been documented near the city so far. Customers on the whale-watching tours are asked to share any photos they get of such markings for the "New York City Humpback Whale Catalog."

"This is the way they've been doing it in Maine and Massachusetts, the recognized way to keep track of these whales, study their behavior,"

Sieswerda said.

It's not crystal clear why humpbacks, which can be 50 feet long and weigh 40 tons, are returning to New York's shores, where they were abundant before they and other whale species were nearly destroyed by whaling.

Rosenbaum said the humpbacks' reappearance could be simply a shift in their habits rather than a spike in population. A greater abundance of menhaden, one of the humpbacks' favorite foods, could have attracted them from farther out in the ocean.

That might be because the water is cleaner.



In this Aug. 19, 2014, photo provided by Gotham Whale, a humpback whale surfaces in the Atlantic Ocean just off the Rockaway peninsula near New York City. Humpbacks have been approaching the city in greater numbers than in many years; there were 87 sightings in nearby waters from a whale-watching

boat 2014. (AP Photo/Gotham Whale/Paul Sieswerda)

"One would like to think that some of this has been triggered by an improved environmental ethic," Rosenbaum said. "We have the clean air and clean water acts, the Marine Mammal Protection Act and associated state laws. It's hard to make the link for sure but there's certainly been a behavioral change toward the natural environment."

Sieswerda agreed that various factors are in play but said, "I think it all begins with cleaner water," including the improved Hudson River.

Whatever the cause, humpback populations worldwide are increasing. Counting whales is difficult, but the International Whaling Commission says its latest estimates put the worldwide population at about 150,000. About 11,600 of those are in the Western North Atlantic, which includes the New York Bight off New York City. There might have been just hundreds before whale protection laws were passed.



In this 2012 photo provided by Gotham Whale, a humpback whale surges through a school of menhaden off the Rockaway peninsula near New York City. Humpbacks have been approaching the city in greater numbers than in many years; there were 87 sightings in nearby waters from a whale-watching boat in 2014. (AP Photo/Gotham Whale/Paul Sieswerda)

New Yorkers shouldn't expect to see [humpbacks](#) frolicking around the Statue of Liberty. Except for the occasional disoriented calf, the whales generally stay well outside the harbor, beyond the "gate" formed by the Rockaway peninsula in New York and Sandy Hook in New Jersey.

Rosenbaum worries that more [whales](#) could mean problems in the busy shipping lanes out of New York. And he hopes they'll be taken into consideration when offshore wind-power projects are suggested.

But he says, "Having them here is truly remarkable and encouraging. I think it will help people in New York embrace the natural world and the

marine environment and these iconic species."



In this Aug. 28, 2014 file photo provided by the Wildlife Conservation Society, a humpback whale breaks the surface in the waters through a school of fish six miles off the coast of New York City. Naturalists aboard whale-watching boats have seen humpbacks in the Atlantic Ocean within a mile of the Rockaway peninsula, part of New York's borough of Queens. Humpback whales, the gigantic, endangered mammals known for their haunting underwater songs, were spotted 87 times from the boats in 2014. That's up from three sightings in 2011. (AP Photo/Wildlife Conservation Society, Julie Larsen Maher, File)

© 2014 The Associated Press. All rights reserved.

Citation: Humpback whales increasing in waters near NYC (2014, December 10) retrieved 8 April 2024 from <https://phys.org/news/2014-12-humpback-whales-nyc.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.