

port - dubbed Port Ambrose - and its 22 miles of new natural gas pipeline will be limited to New York waterways, negating any impact on the Garden State.

"The Port Ambrose facility will be located at a different proposed location and include a different design than the previous deepwater port license application," LNG CEO Roger Whelan said in a statement.

brose," he said, explaining that the distance qualifies New Jersey as an "adjacent coastal state" under federal law, giving the governor veto power over the project and requiring LNG to hold a public meeting in the state. The whole application is about New York. They barely even mention New Jersey," he added. "I think that's a legal failure."

LNG's original application, proposed in 2010, would have

Globally, nations such as Trinidad and Tobago experienced "major declines" in liquefied natural gas production in 2012, "mostly because the United States is no longer a big importer," the report reads.

According to the LNG website, the primary source of the natural gas coming into Port Ambrose would be Trinidad and Tobago.

## Dead Trini guppies store sperm for almost a year

RESEARCHERS from UC Riverside have found that female Trinidadian guppies are able to store sperm cells inside their bodies for at least 10 months until the optimal conditions to fertilise their eggs are met.

Since female guppies live on average six to eight times longer than their male counterparts - two years as compared to three to four months - this ability to ensure the growth and genetic diversity of the guppy population is vital and necessary from an evolutionary standpoint. Sperm storage allows short-lived males to expand their

reproductive lifespan and pass on their genes even after they're dead.

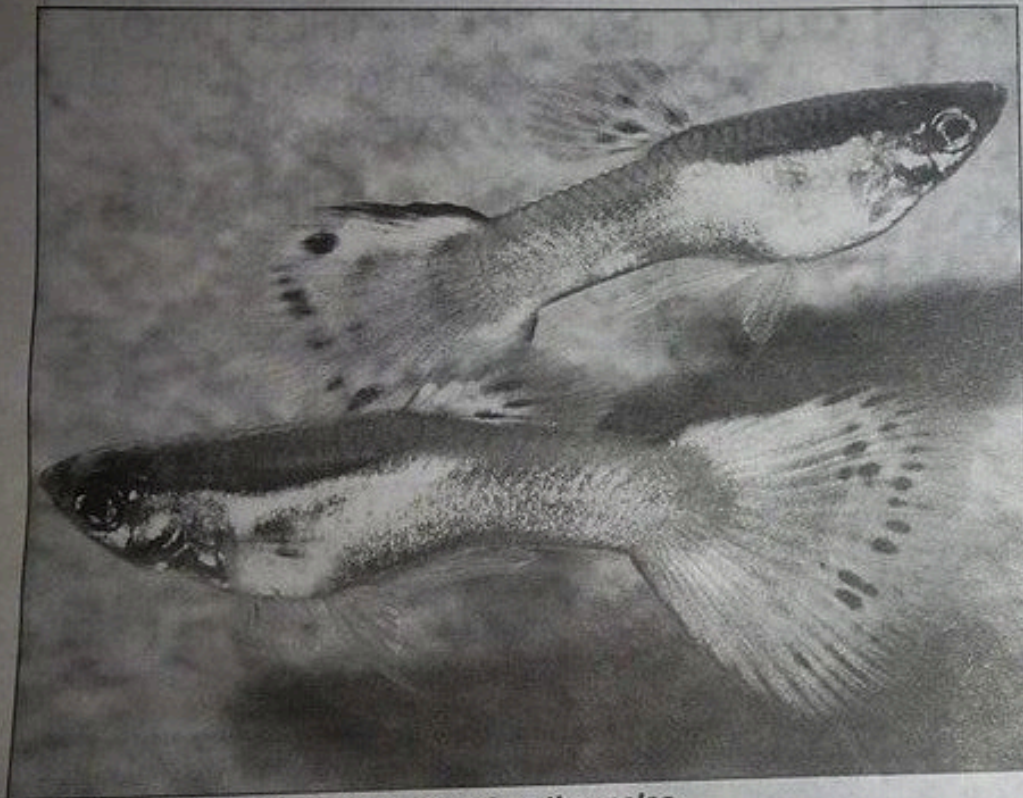
David Reznick, professor of biology and the principal investigator of the research project explained, "Populations that are too small can go extinct because close relatives end up breeding with each other and offspring suffer from inbreeding. [But] if there are stored sperm, then the real population size is bigger than the number of animals you see."

Female guppies prefer to mate with male guppies with rare color patterns. And due to their ability to carry out

selective fertilization, a color-pattern that has been lost for over two male guppy generations can suddenly reappear again inside the population.

"In addition to learning about sperm storage, this is the first time we are learning about the huge differences in lifespan between males and females," said Reznick in a press release. "If we were to use males to estimate generation time, then these differences mean that lucky females live for three generations."

The study is published in the journal *Proceedings of the Royal Society B*.



Female guppies live much longer than the males.