

  = 1012

Determine whether functional  
extinction occurs

Extinction time

Extinction probability  
and time

Gray forecast  
model


Cellular  
automata

Predict with  
certain rules

ARIMA  
model

Vortex model

Population  
viability analysis

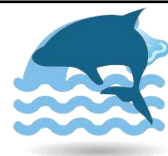
  
Important  
parameter

Swan  
Island

Swan Island and five ex  
situ protected areas

  = 150

The finless porpoise  
population 20 years later



= 1012

Without Ex Situ Conservation

The current number of the finless porpoise is 1012



= 150

Ex Situ Conservation

The current number of the finless porpoise is 150



Sex ratio