

  = 1012

Determine whether functional
extinction occurs

Extinction time

Extinction probability
and time

Gray forecast
model


Vortex model

Cellular
automata

Predict with
certain rules

ARIMA
model

Population
viability analysis

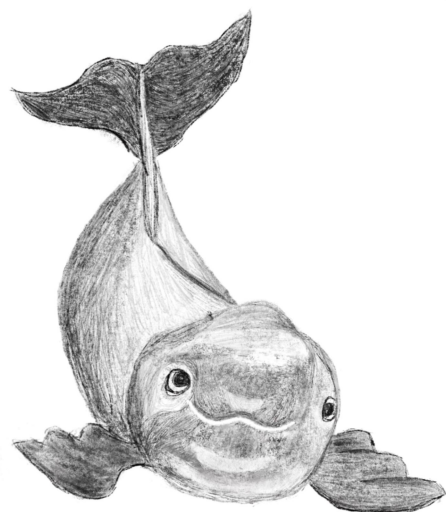

Important
parameter

Swan
Oxbow

Swan Oxbow and five ex
situ protected areas

  = 150

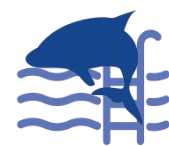
The finless porpoise
population 20 years later



= 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