To start, open an R session and load the `FLCore` library by issuing the command:

```
library(FLCore)
data(ple4)
```

14.6 pulgadas

19.7 pulgadas

23.6 pulgadas

1.8 lbs

4.4 lbs

7.5 lbs

150,000

700,000

1.7 milliones

= 100,000 rocotes bermejos jóvenes

Descendencia promedio producida por rocotes bermejos de tres tamaños diferentes.
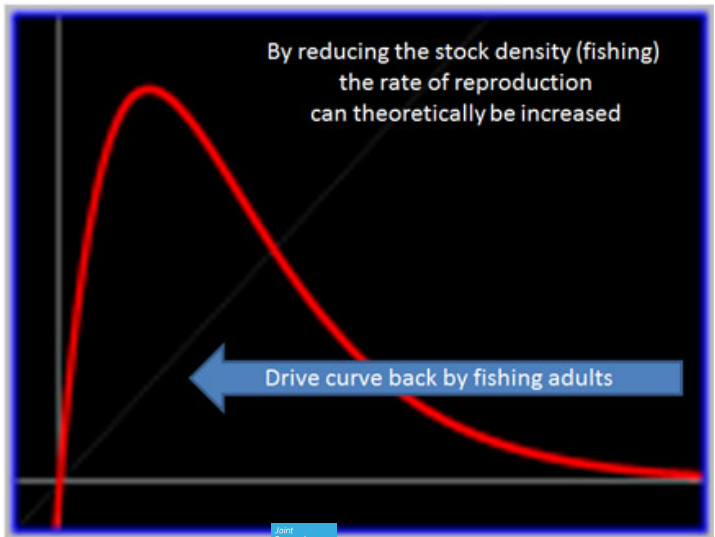*Datos: Love et al. (1990) NOAA Technical Report*

Joint Research Centre

Ricker stock recruit function

$$\text{Recruitment} = a \times \text{SSB} \times e^{-b \times SSB}$$

Net Reproduction

By reducing the stock density (fishing)
the rate of reproduction
can theoretically be increased

Drive curve back by fishing adults

Some reading on stock recruit models

Quantitative Fish Dynamics