

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

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

## Ricker stock recruit function

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

14.6 pulgadas



1.8 lbs

150,000



19.7 pulgadas



4.4 lbs

700,000



23.6 pulgadas



7.5 lbs

1.7 millones



= 100,000 rocotes bermejos jóvenes

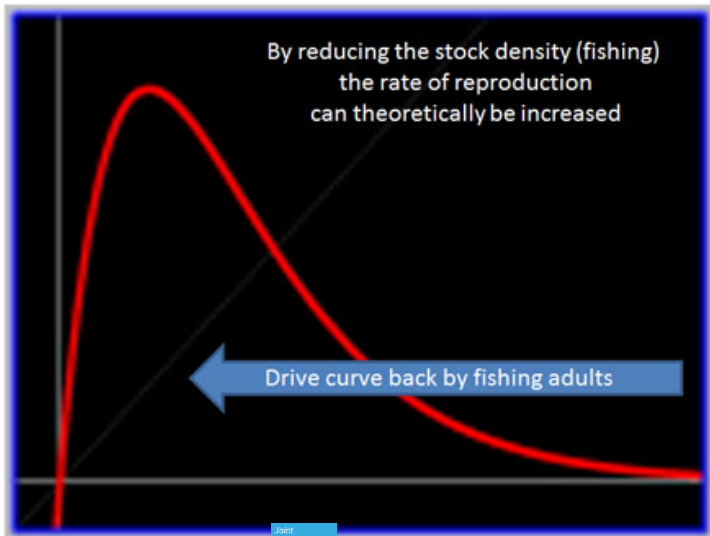


Descendencia promedio producida por rocotes bermejos de tres tamaños diferentes.

Datos: Love et al. (1990) NOAA Technical Report



## Net Reproduction



## Some reading on stock recruit models

### Quantitative Fish Dynamics

