

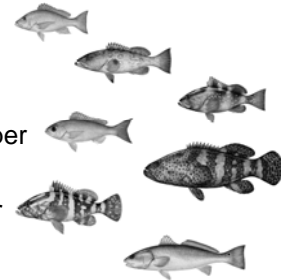
## Fish stocks and mariculture

What's now and what's in the future

Next >

## What stocks may be in trouble now in the Gulf and south Atlantic?

- Red snapper
- Gag grouper
- Red grouper
- Vermilion snapper
- Goliath grouper
- Nassau grouper
- Red drum



## Red snapper, the pride of the Gulf

- Most valuable
- Overfished
- Major restrictions
- Mariculture ?



## Gag grouper, grouper Reubens

- In trouble now
- Favorite sandwich fish
- New stock assessment



### Red grouper

Staple of the commercial fishery

Spreading west



### Vermilion snapper, "beeliner"

- Frequent sub for red snapper
- Not overfished



### Goliath grouper

- Protected, but spreading rapidly
- May upset current ecosystem stability



### Nassau grouper



### Red drum, "red fish"

- Long history of farming
- Protected in federal waters
- Mariculture principally for stock enhancement



### Dolphinfish, ("mahi-mahi") true chicken of the sea

- Grow incredibly fast
- Not overfished
- Great mariculture candidate



### Cobia

- Not overfished
- Incredible mariculture potential



- "never stop eating"



### Pompano

- Not overfished
- Highest price



- Price justifies mariculture attempt



## Ocean ranching

- Tunas top choice
- Not much traditional mariculture potential
- Bluefin being "ranching" off Australia



## Concerns!

- Genetic modification
- Disease
- Escapes
- Structural integrity of pens
- Pollution
- Introduction of exotics
- Loss of fishing grounds

