

Frank Moore

**North Umpqua River
summer steelhead**



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summer steelhead**



No fishing zone

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**North Umpqua River
summer steelhead**



No fishing zone

created by fishermen

ACCESS



ACCESS



- Places
to fish

ACCESS

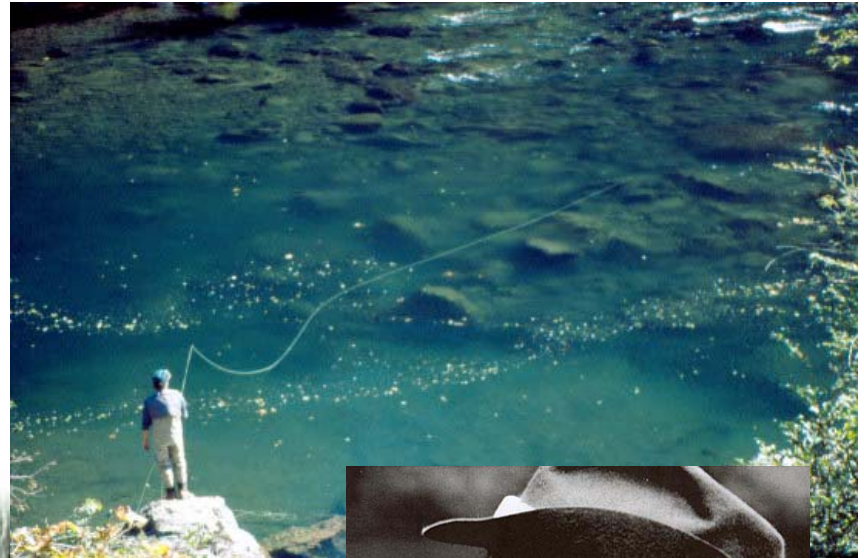


- Places to fish

- Fish to catch

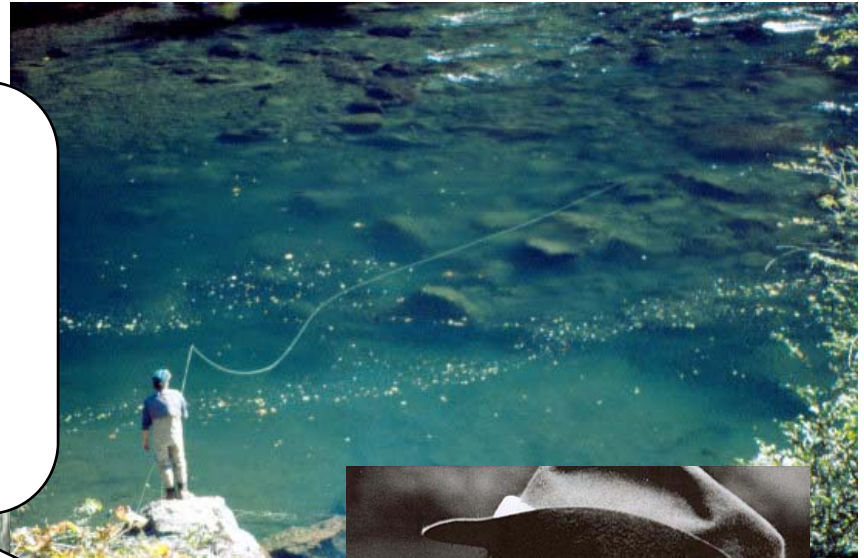
ACCESS

- Places to fish
- ***Fish to catch***



ACCESS

“Fish come first.
Take care of the fish,
and the fishing will
take care of itself.”



No fishing zone

ACCESS



But I don't like
NO-FISHING
ZONES

ACCESS



Can't we do something else?

Typical management

Typical management

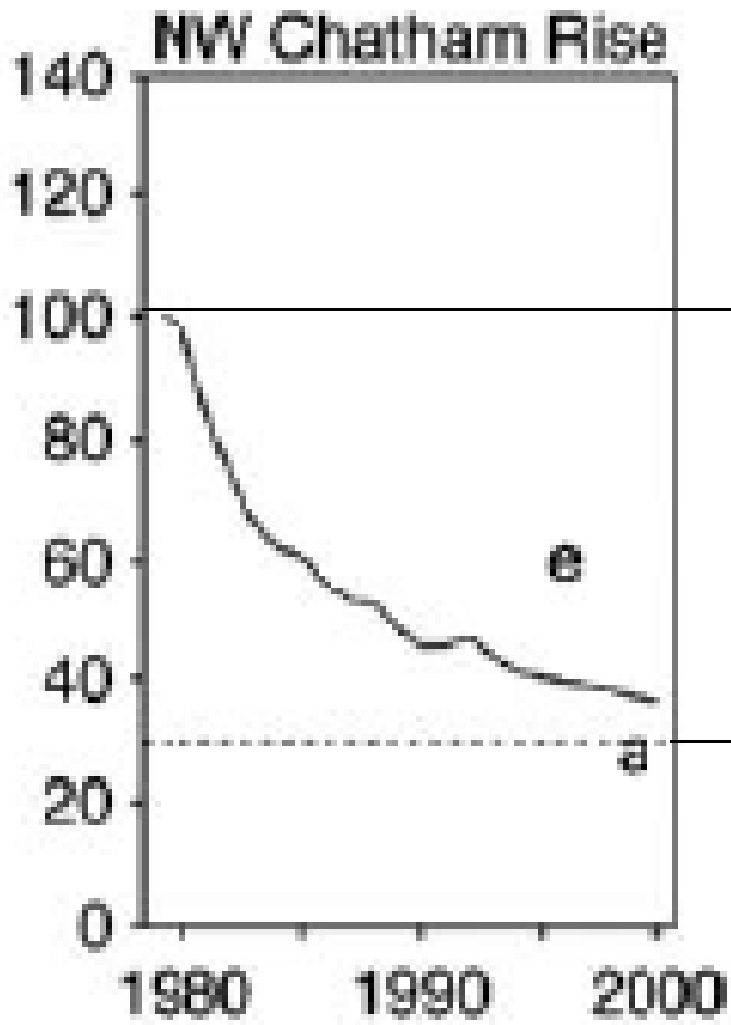
- Goal: MSY (maximum sustainable yield)

Typical management

- Goal: MSY (maximum sustainable yield)
- Most of the fish are gone

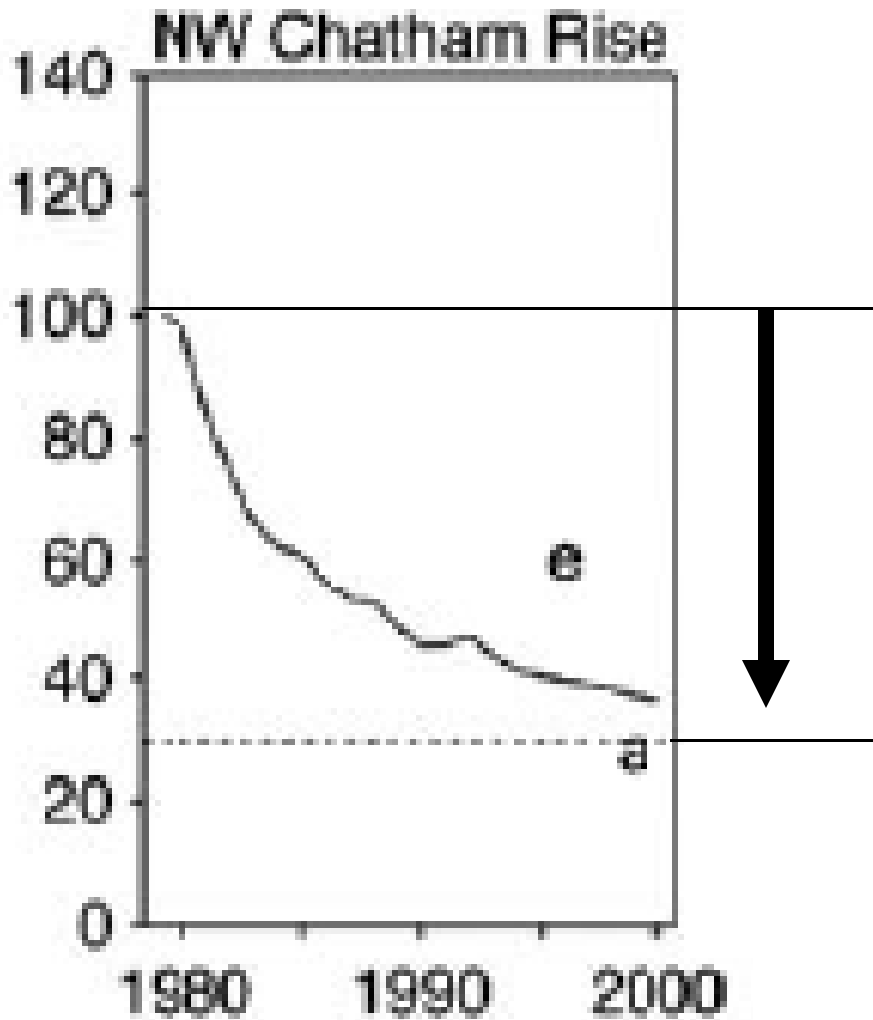
Typical management

- Goal: MSY (maximum sustainable yield)
- Most of the fish are gone
- 99% of the biggest fish are gone

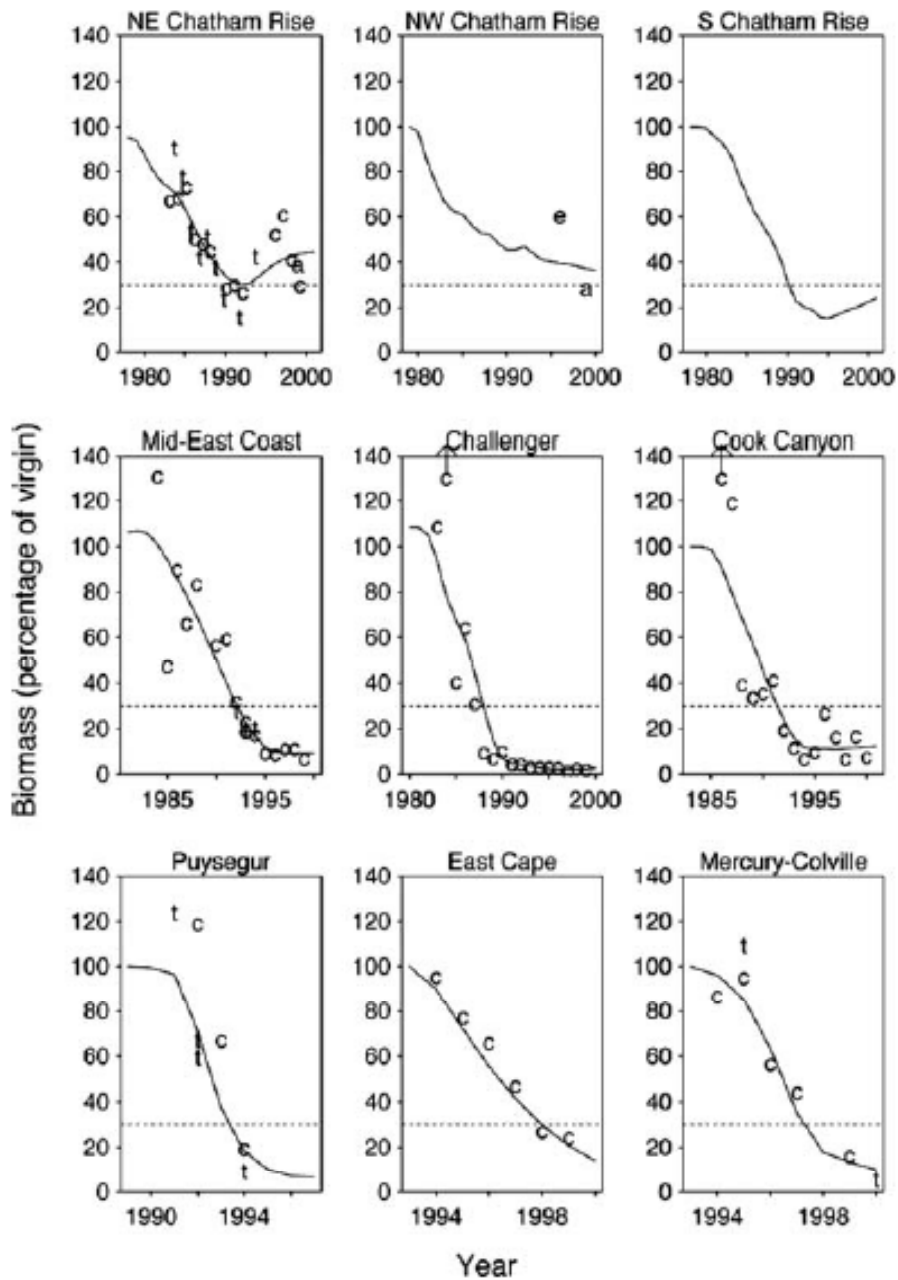


Unfished

The goal

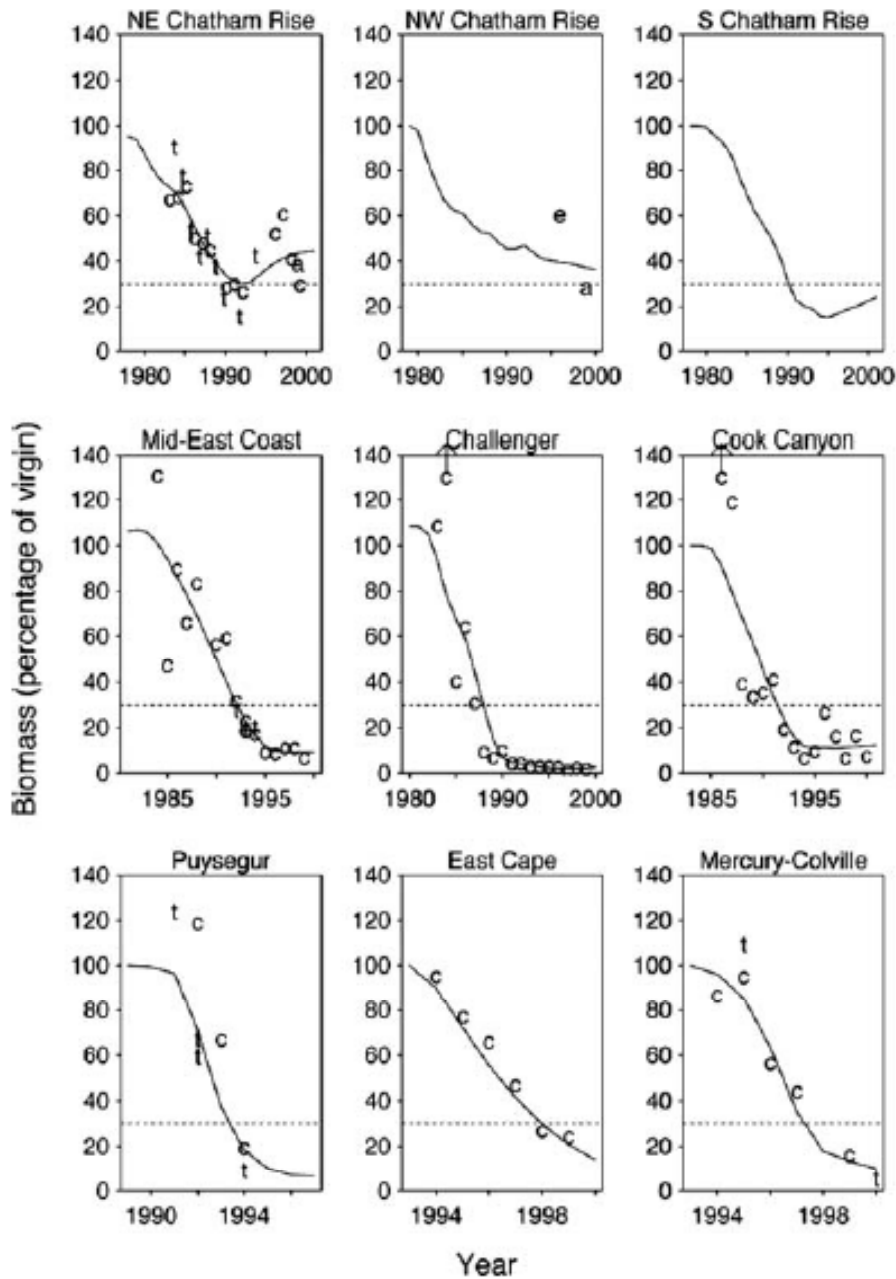


Is this
success?



Is this success?

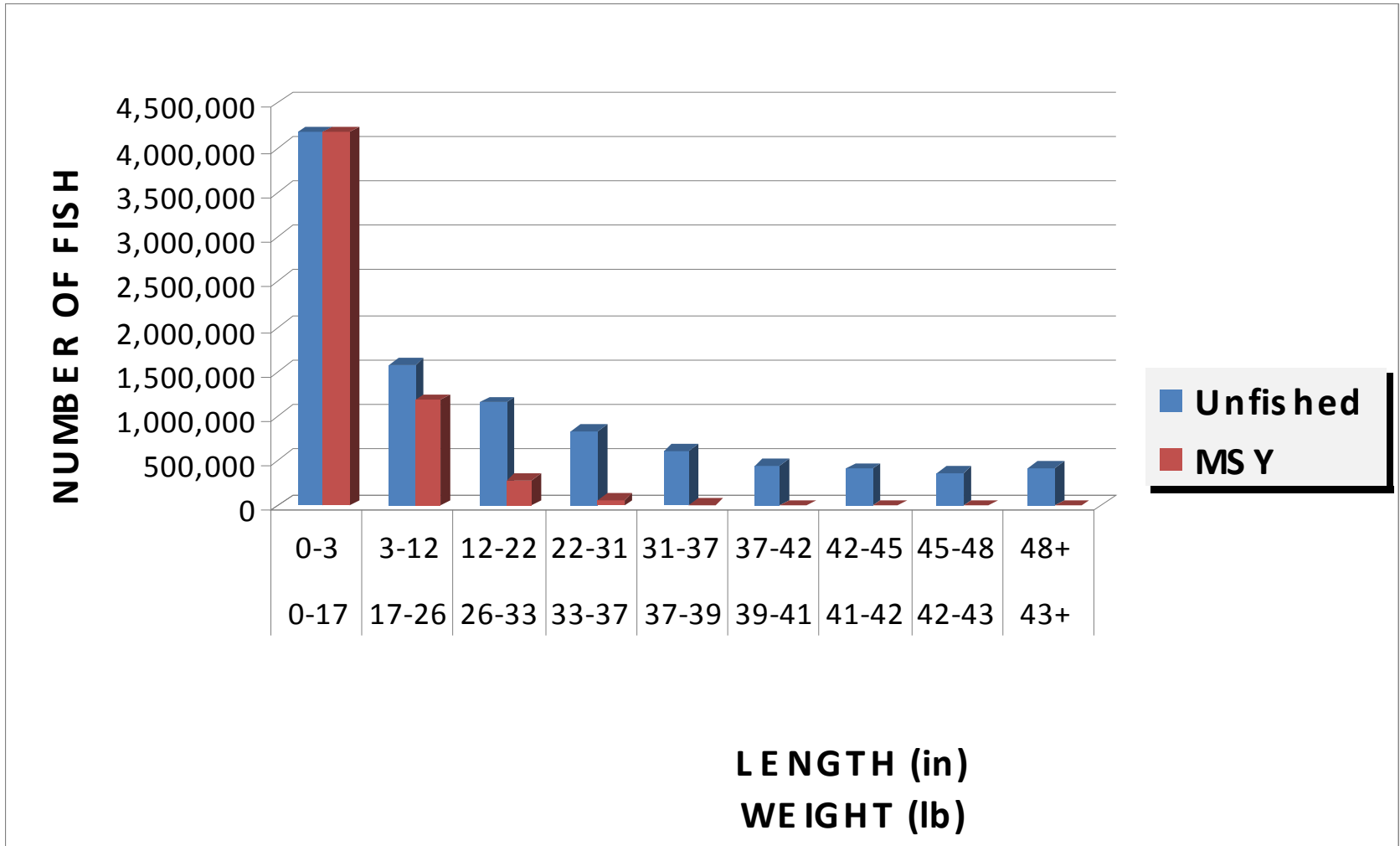
Figure 2. Trends in orange roughy stocks in New Zealand.



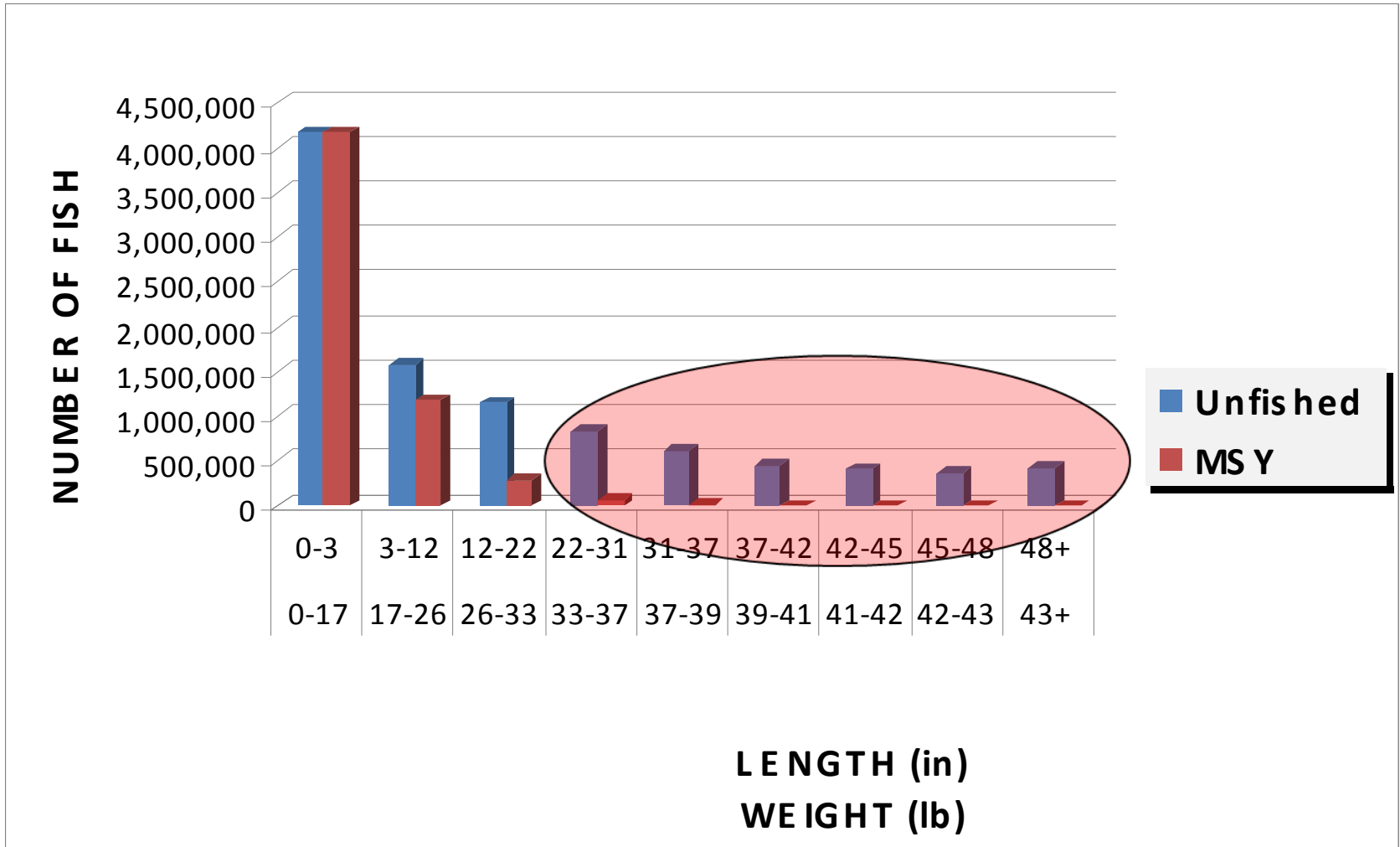
“...the authors (Hilborn, et al.) concluded that the management of the fishery was close to economically optimal”

Figure 2. Trends in orange roughy stocks in New Zealand.

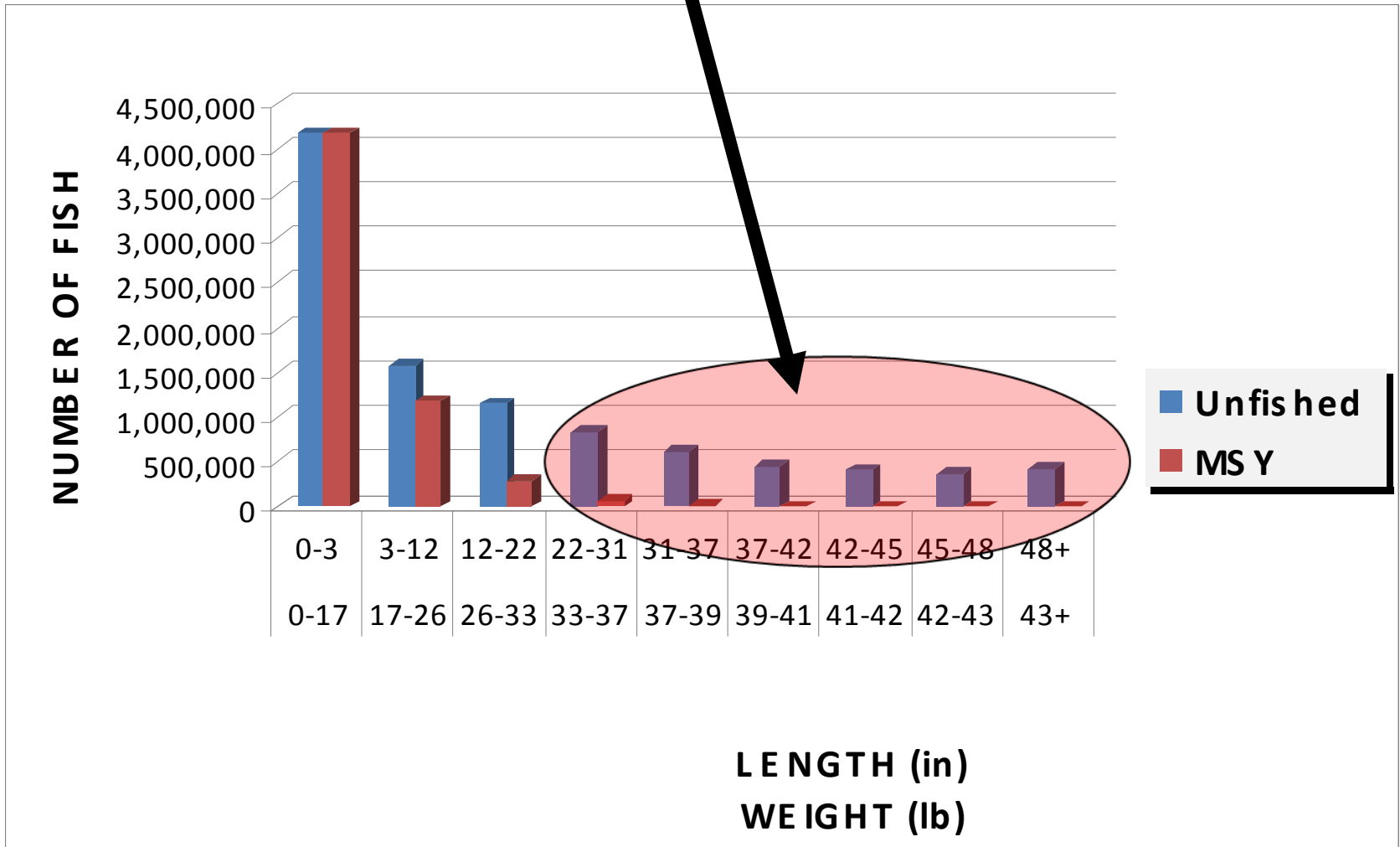
MSY: big fish gone



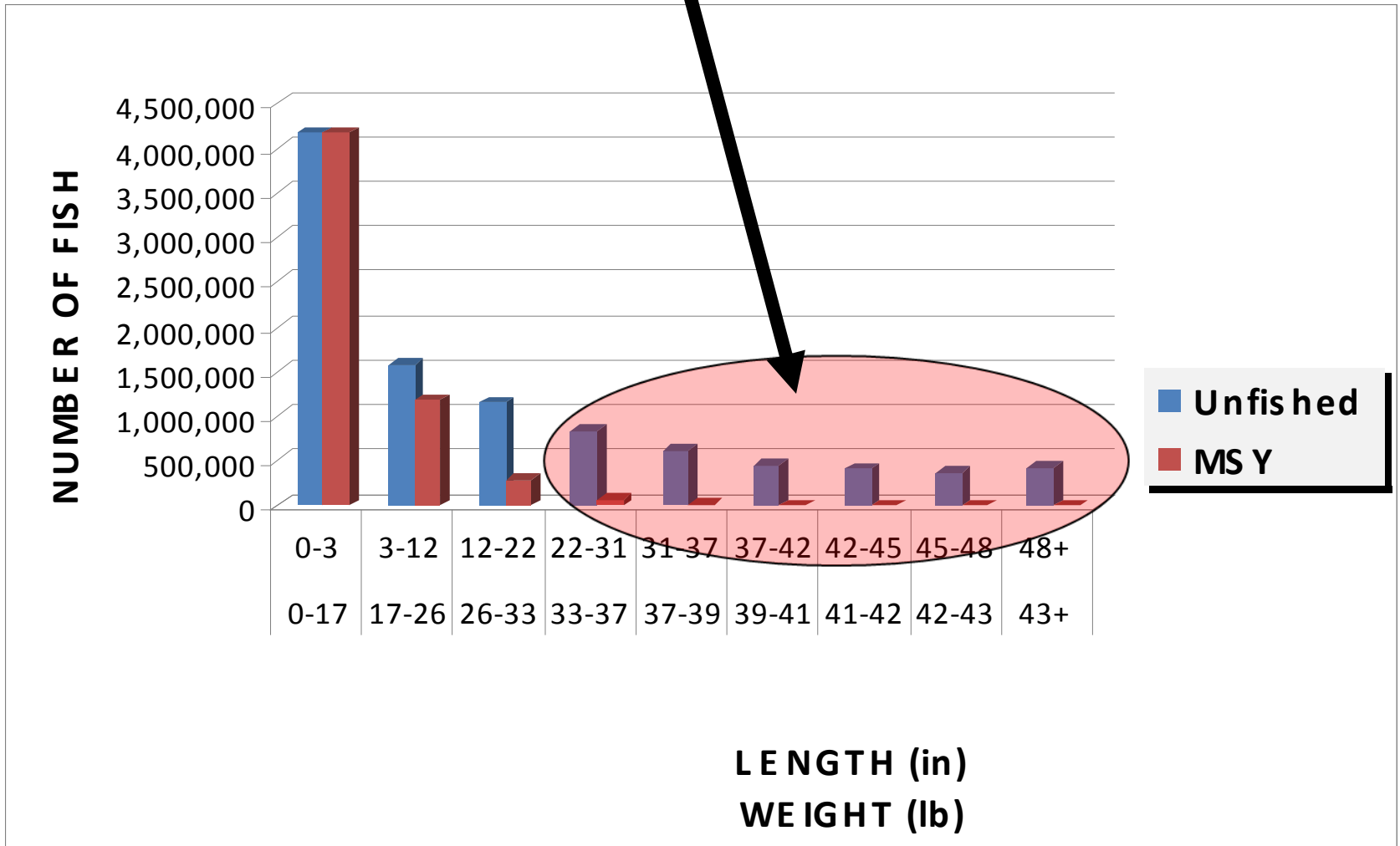
Goal: big fish gone



What's missing? Nature's survivors

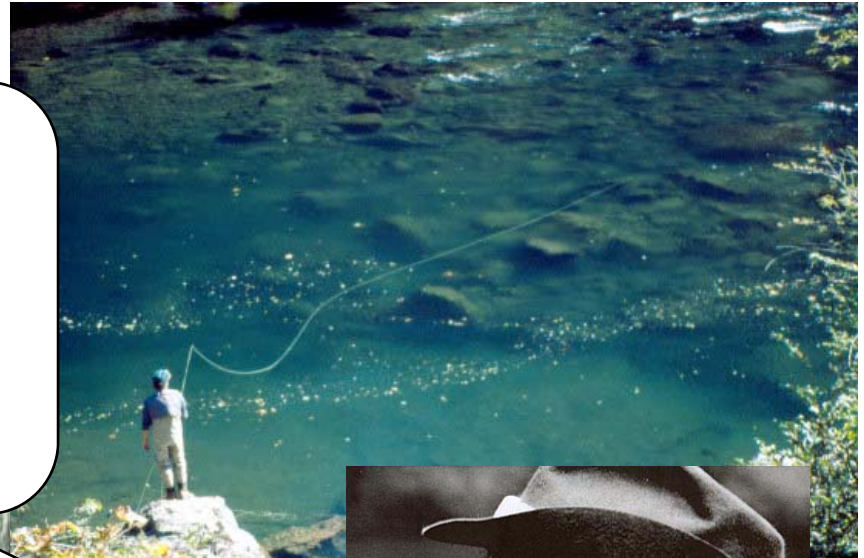


No fishing zones are the best way to protect these fish



ACCESS

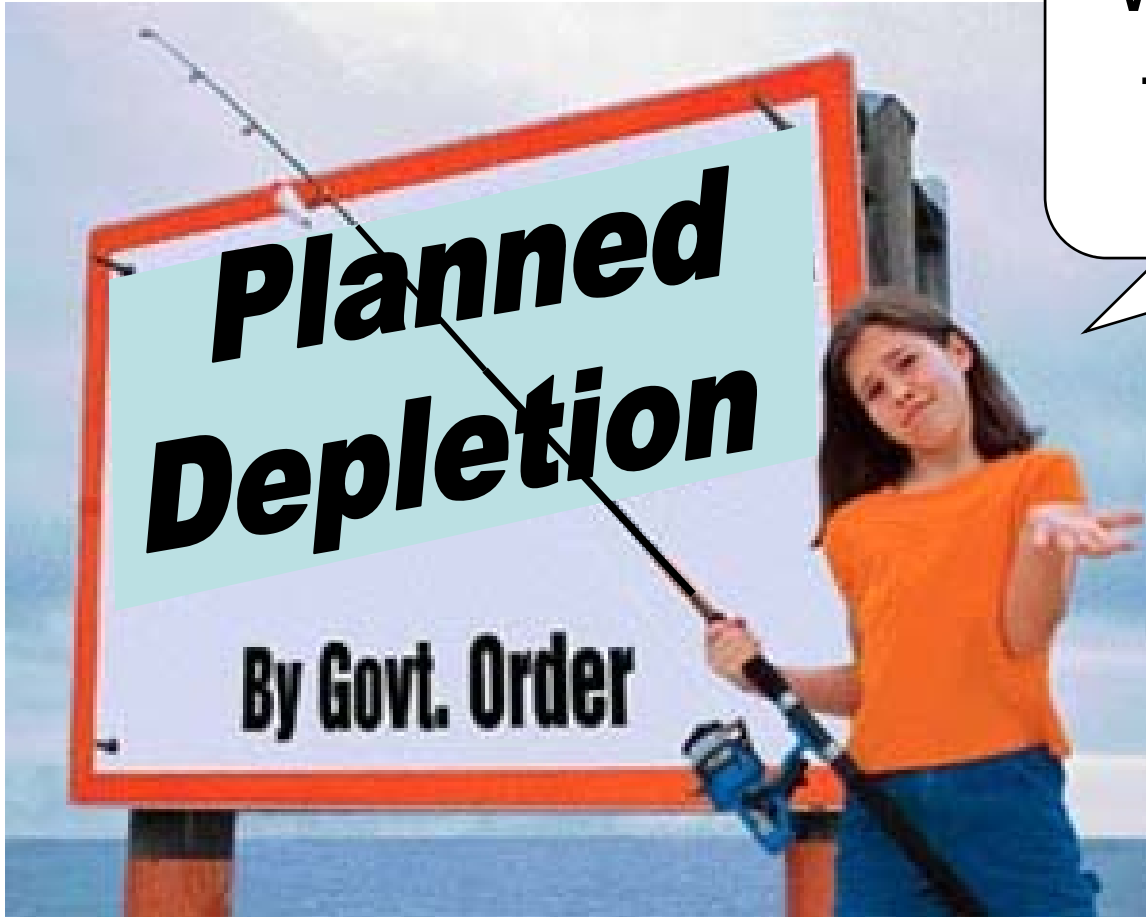
“Fish come first.
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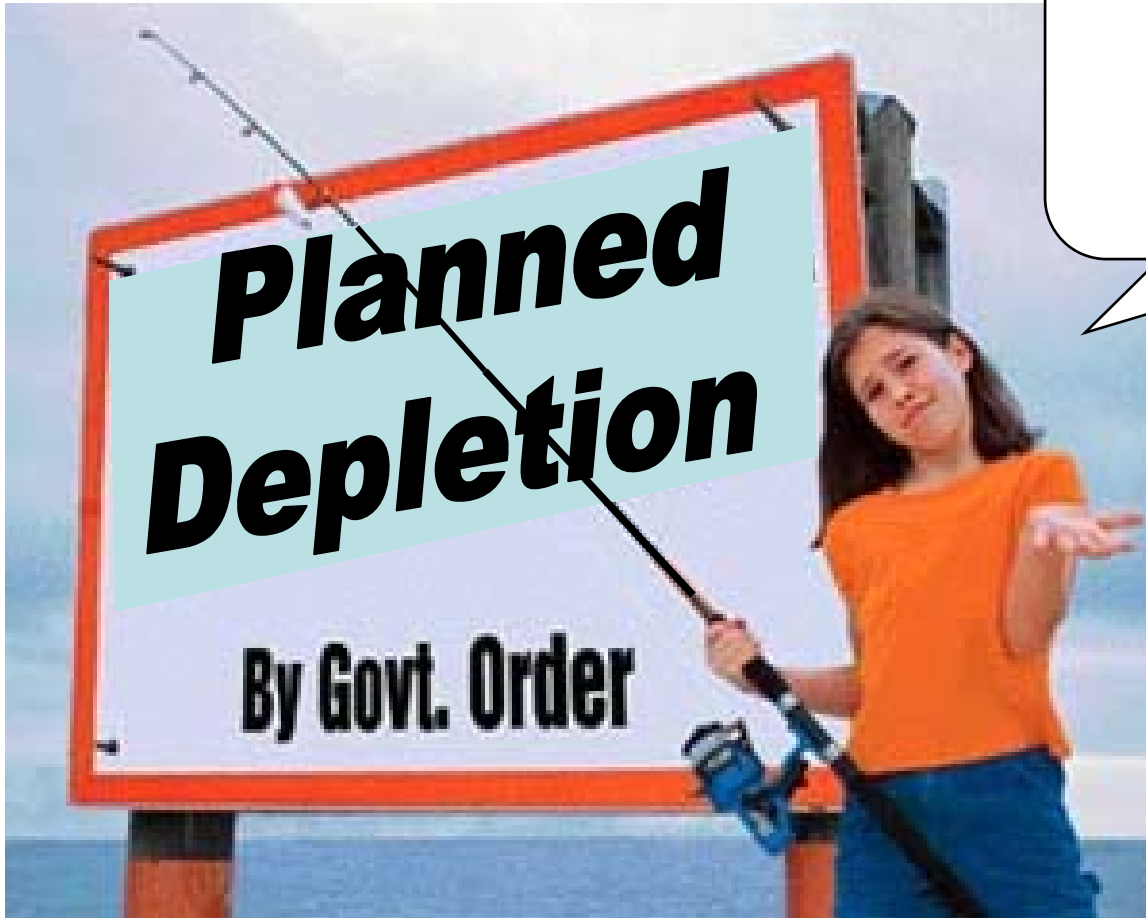
No fishing zone

ACCESS

Where did all
the fish go?



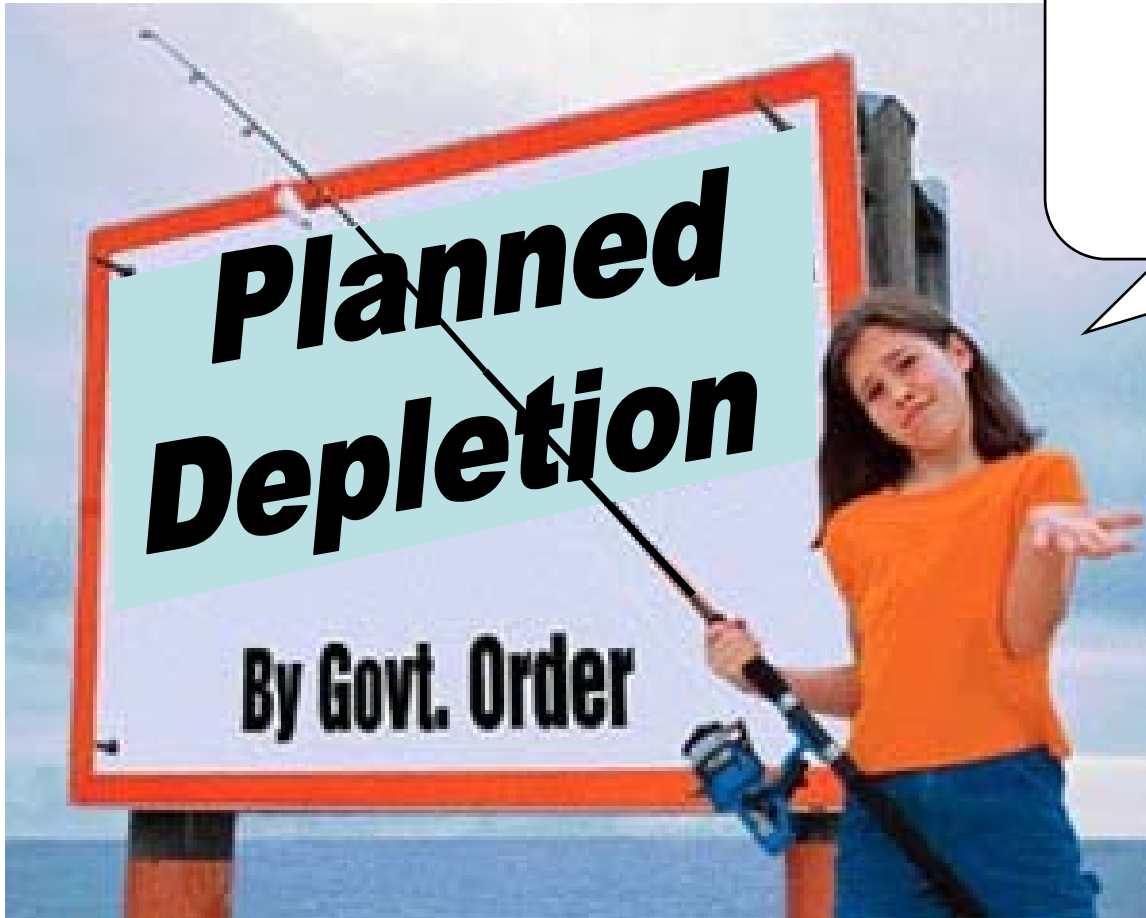
Access is places to fish
AND **fish to catch**



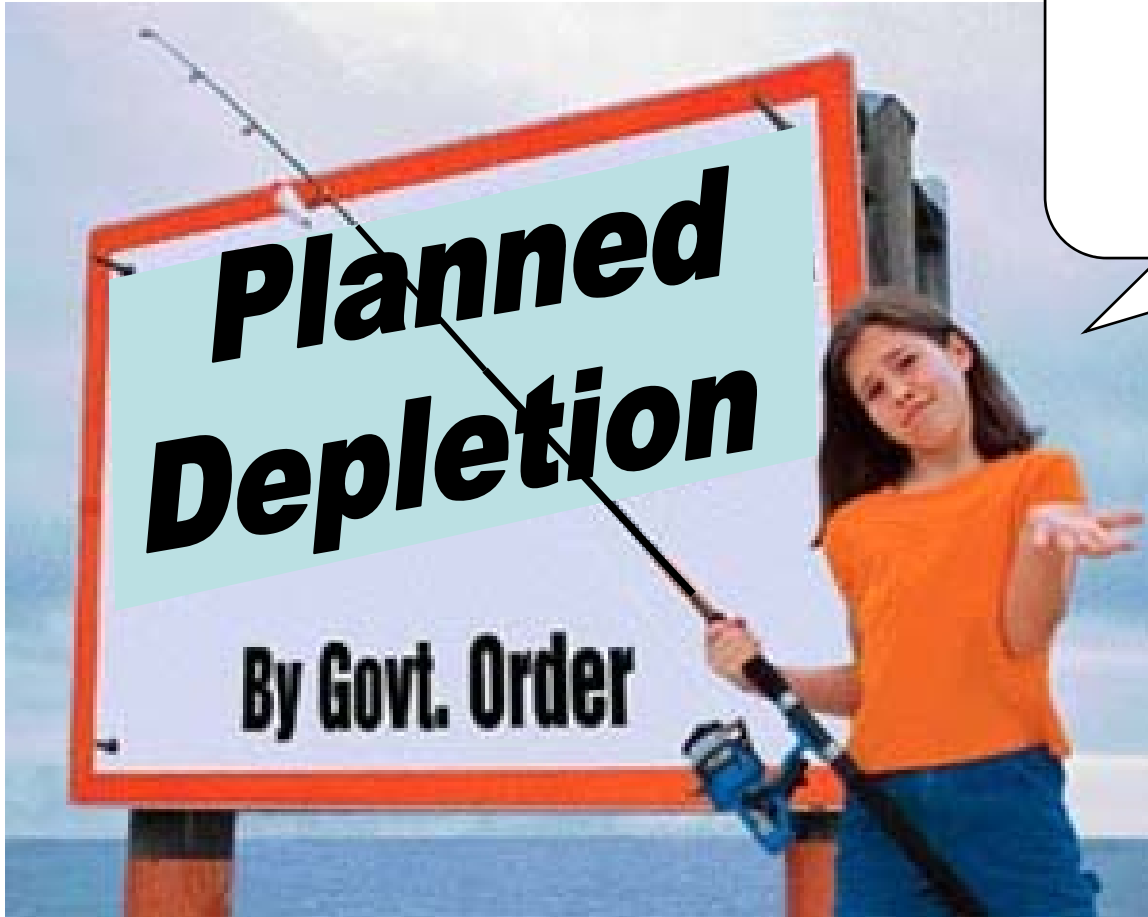
?

Access is places to fish
AND **fish to catch**

Now you
tell me!



Protect ACCESS: fishing AND fish



No fishing zones?!

WESTERN OUTDOOR NEWS

October 5, 2007

Most sources report no impact from MPAs

BY BUD NEVILLE

WON Staff Writer

MOSS LANDING — The South Central Groundfish Management Zone Marine Protection Areas are now in effect, and so far, sources report no impact on their scores or fishing action. In one case, a party boat skipper said the new MPA at Ano Nuevo is working to his advantage.

"The areas that closed near-

est us are actually outside the depth we're allowed to fish anyway," said Carol Jones at Tom's Sportfishing. They continued to score limits on rockfish on bottomfishing efforts.

As far as business dropping off, Chris Arcoleo at Chris' Sportfishing in Monterey couldn't say. "I guess there could be some people who said to themselves, 'I'm not going fishing because there are reserves now,' but I don't

know. In fact, I think our business might now improve since bottomfishing is closing up north."

"I fished Ano Nuevo both weekend days last week," said Captain Ken Stagnaro on the *Velocity*. "You know what? I was the only boat there! There is still plenty of room to fish on the deep side of the island outside the closure, and to the south as well."

He said that he ran up on Saturday, and the Department of

Fish and Game boat *Marlin* was on scene, right on the boundary. "I hailed him on the radio, and questioned him to ensure that I was clear on the boundaries and restrictions, and he concurred," said Stagnaro. "Then we started fishing, and he took off north. I didn't see him again the rest of the day." Anglers on the *Velocity* caught limits of rockfish and a few bonus lingcod and cabezon as well.