

Predation by juvenile hatchery salmonids on naturally produced salmonids in the freshwater environment: A review of studies, two case histories, and implications for management



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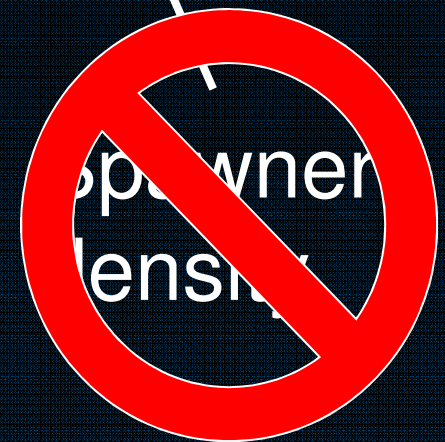
We can Focus will be on controlling

Predation rate

Prey
vulnerability

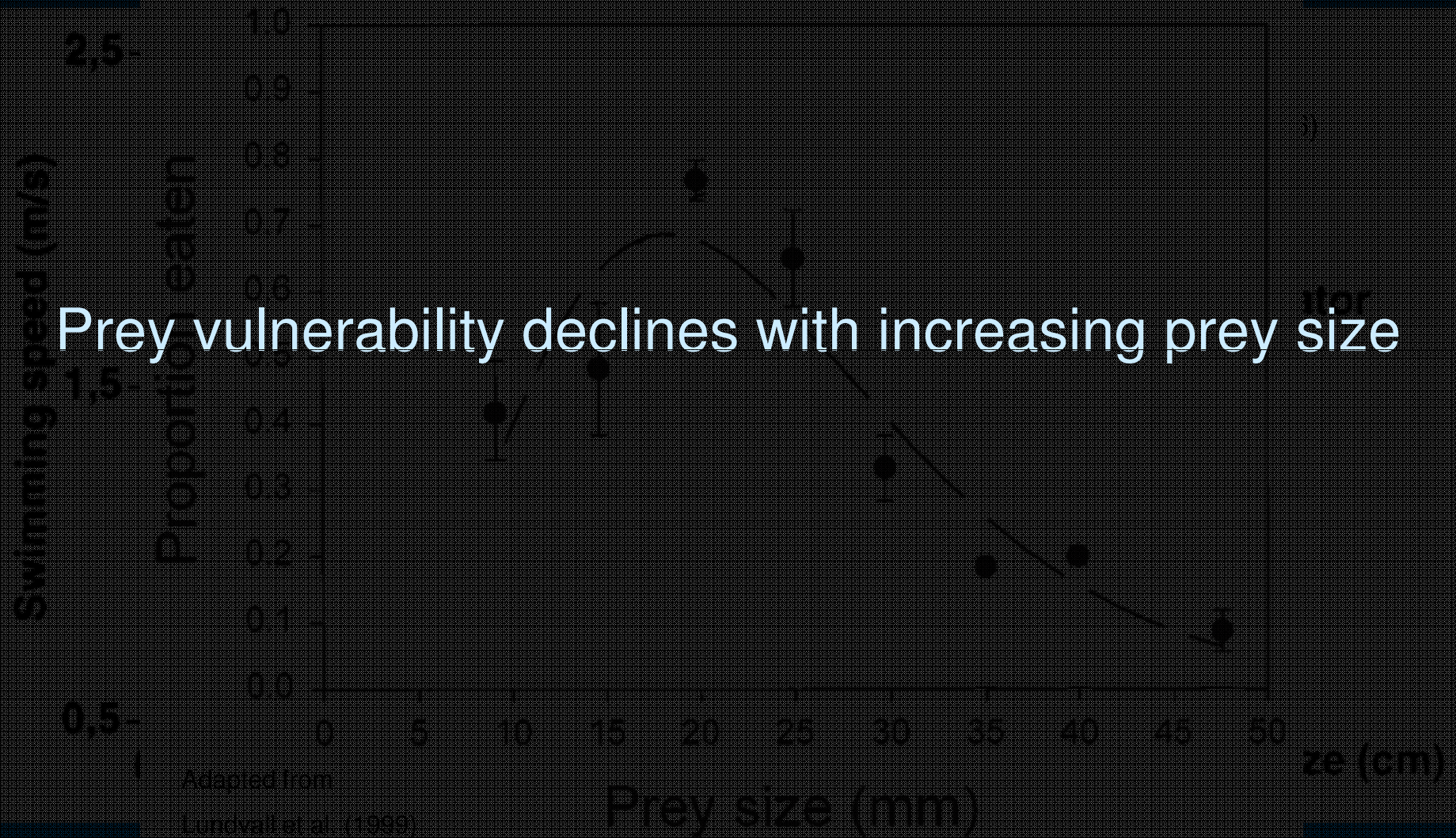
Prey density

Temporal and
spatial overlap



d = day

Prey size



Predation Rate

- High prey density and vulnerability

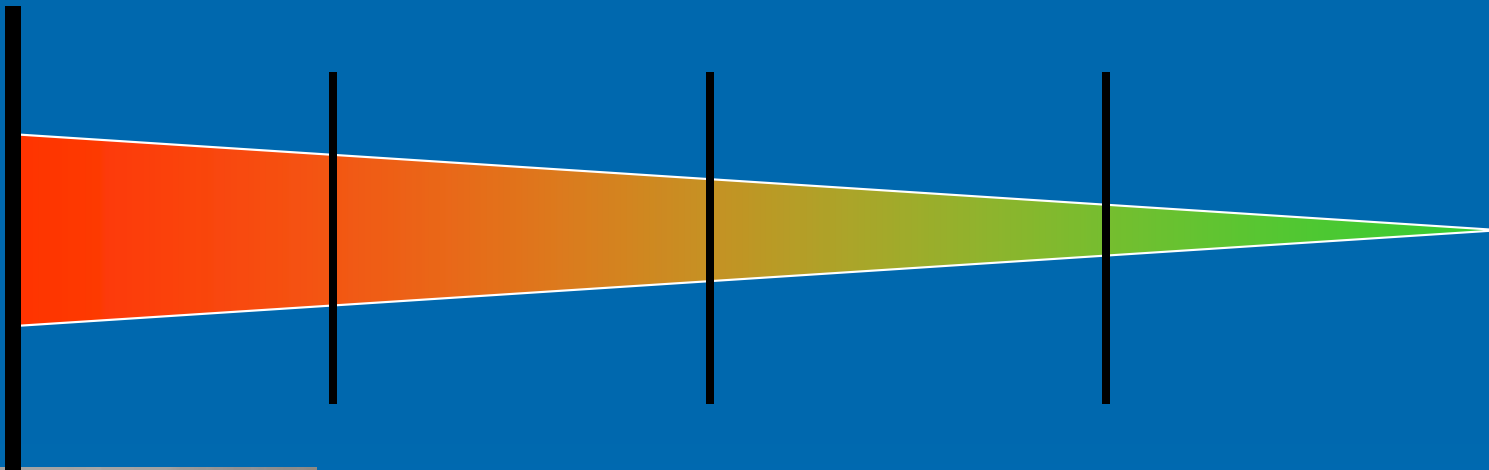
Time of hatchery release (T_r)

- Lower prey density and vulnerability

February

April

June



Prey hatching



Prey smoltification

Predation Rate

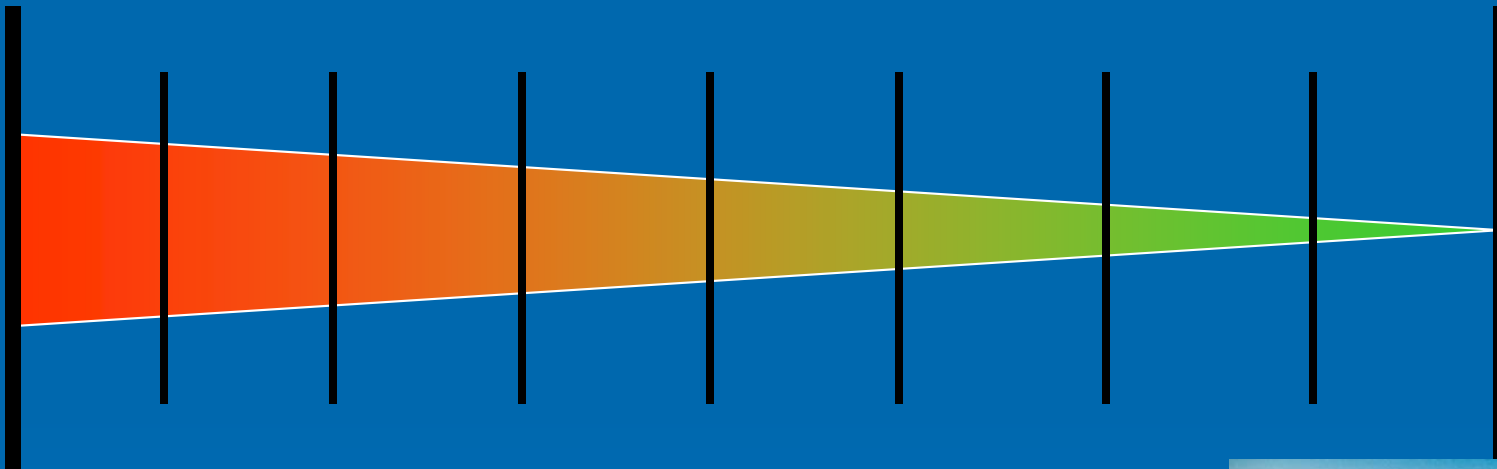
- High prey density and vulnerability

rkm n

Hatchery release location

- Lower prey density and vulnerability

rkm 0



Redd sites



Ocean

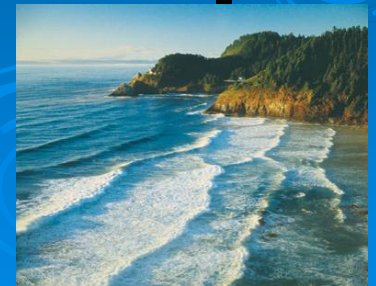
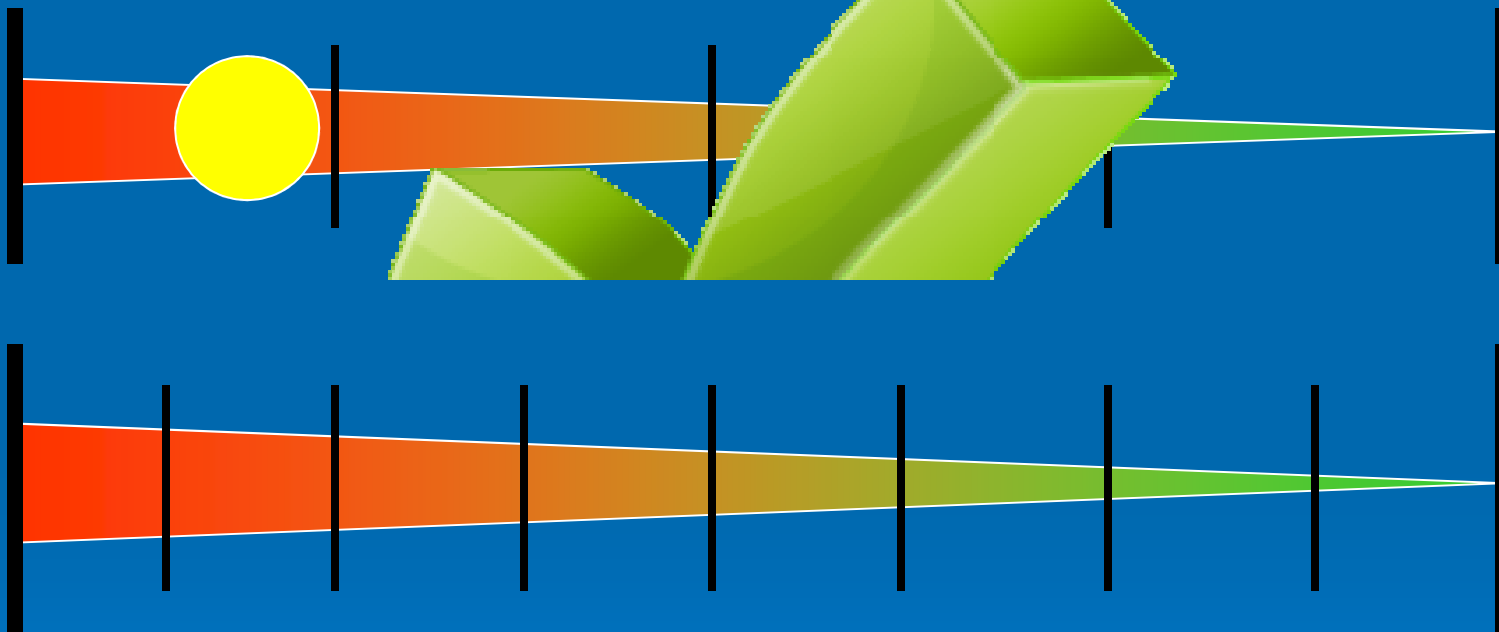
Prey hatching



Predation Rate

Time of hatchery release (T_r)

Prey smoltification



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