

# NEWS BULLETIN 10

25 May 2004

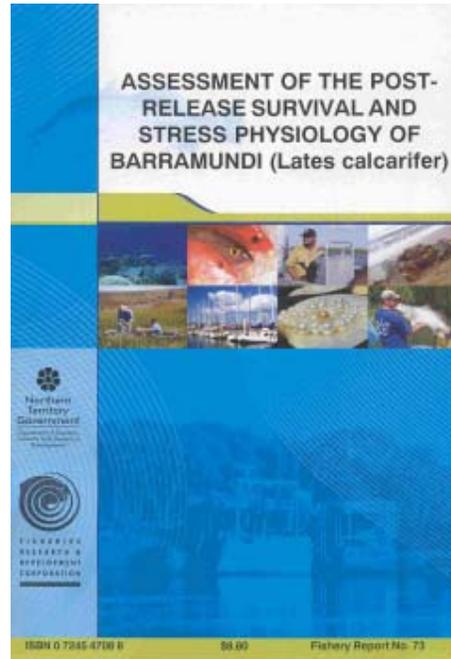


## Survival of Released Barramundi

One of the projects under the National Strategy for the survival of released line-caught fish has been looking at stress and survival of released barramundi.

This project has been undertaken over the past 2 years in the Northern Territory by a NT Fisheries research team from the Department of Business, Industry and Resource Development. The team comprised Paul de Lestang, Roland Griffin and Quentin Allsop.

A report on the findings of this project is available from this website. Hard copies of the report can be obtained at a cost of \$8.80. For a copy of the report contact Paul de Lestang of NT Fisheries at [Paul.DeLestang@nt.gov.au](mailto:Paul.DeLestang@nt.gov.au) or the Fisheries Research and Development Corporation on telephone 02 6285 0400.



## Key Findings of the Barramundi survival project

Refer to the complete non-technical summary for an outline of the objectives and outcomes of this project. Obtain a copy of the complete report for details of the methodology used and results.

Overall survival of barramundi was 90.5%. The survival rate in summer was less than the survival rate in winter.

There was a significantly elevated physiological response to capture with concentrations of stress indicators (blood cortisol and blood lactate) greatest 1 hour after capture and decreasing over 24 hours.

Longer landing times were shown to significantly increase lactate levels but did not affect the magnitude of the cortisol response.

Large barramundi landed using knotless landing nets showed fewer skin abrasions and less fin damage compared with those landed by knotted landing nets.

This email bulletin is to keep stakeholders up to date with what is happening in the National Strategy. Anyone with an interest in the subject can subscribe just by sending an email with "subscribe to Released Fish Survival News" to [infofish@zbc.com.net](mailto:infofish@zbc.com.net) or subscribe through the website at [www.info-fish.net/releasefish](http://www.info-fish.net/releasefish).

This bulletin is produced by Infofish Services on behalf of the National Strategy for the Survival of Released Line Caught Fish



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