



STATUS OF THE ARCHIVAL TAGGING AND RECOVERY OF THE RTTP-IO

J-P Hallier (RTTP-IO)

The RTTP-IO has at its disposal :

- 150 Lotek LTD-2310
- 132 Wildlife MK9 (donated by EU-funded TAGFAD project)
- 40 Wildlife popup MK10

The RTTP-IO used :

- 282 archival tags
- 6 popup tags
- 40 sonic tags





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We tagged 216 YFT and 66 BET

They were released:

- 147 YFT & 66 BET in Tanzania
- 63 YFT in the Arabian Sea
- 4 YFT in the Mozambique Channel
- 2 YFT in International waters (SE of the Arabian Sea).





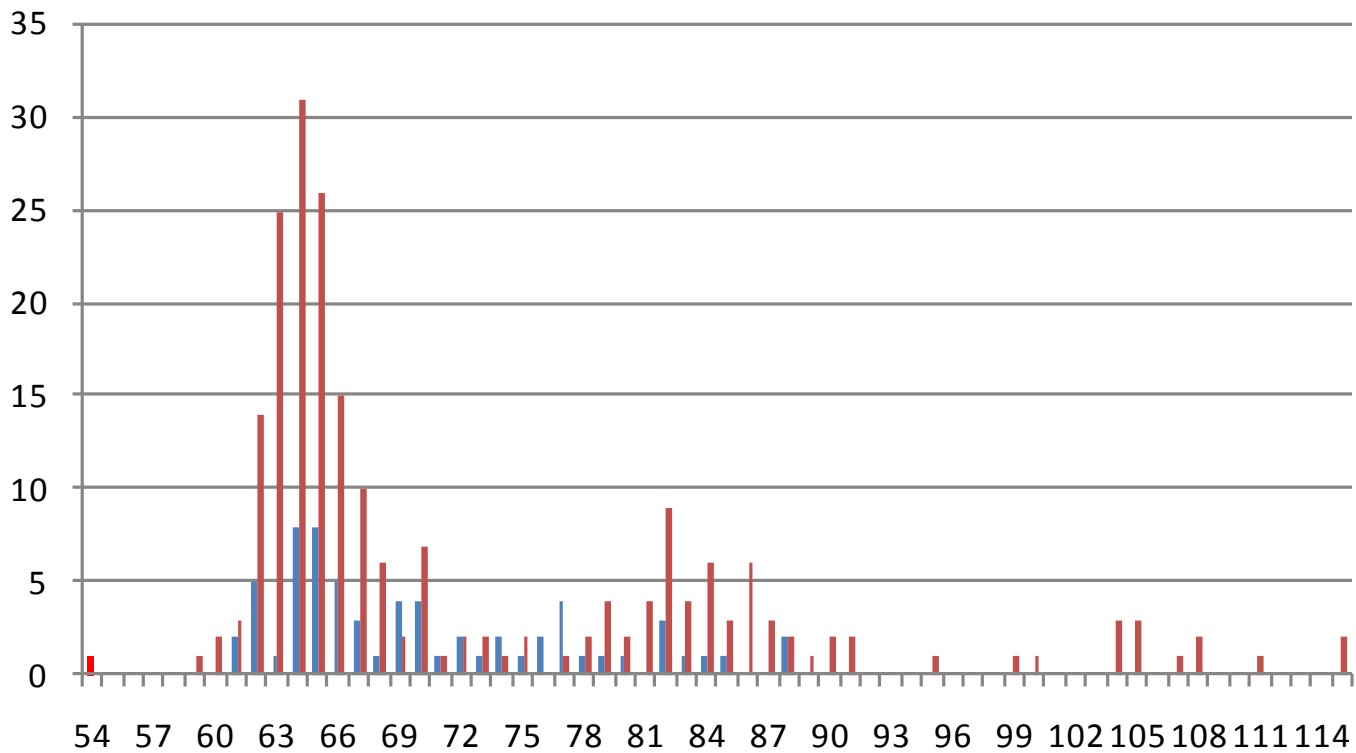
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- We implanted the tags slightly on the side of the abdominal cavity,
- We didn't cut the membrane of the abdominal cavity but we break it with the finger;
- We use a hose pipe with running sea water;
- We use but not all the time betadine for immersing the tag body into it before implantation;
- We inject part of the fish with OTC;
- We release 49 fish with 1 stitch (17.4%), 213 with 2 stitches (75.5%), 4 with 3 stitches (1.1%) and 16 are unknown (6%);
- We add a dart red tag on the usual back place.

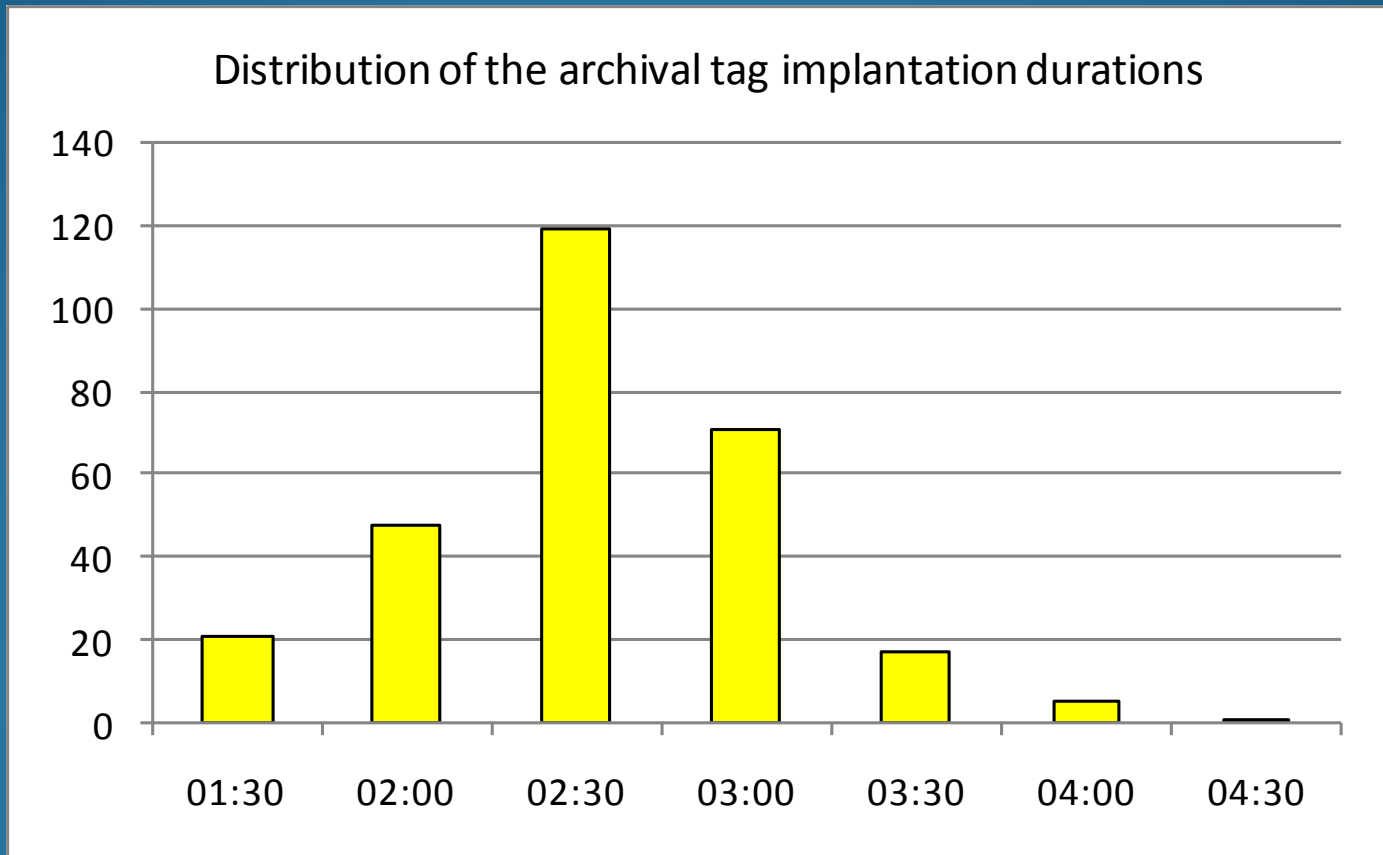


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Size frequency of YFT & BET implanted with Archival tags



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Recoveries: 5 YFT, 1 BET

- 2 recovered in Oman from fish tagged in Oman
- 4 recovered between Tanzania/Kenya and Seychelles from fish tagged off Tanzania
- The Time-at-liberty are 18, 20, 31, 32, 120 & 344 days (this last one was a BET and the tag did not function)
- 2 has lost for sure their archival tag; 1 contained only 18 days of data and 2 we have not been able to ascertain what happen to the archival tag.





STATUS OF THE POPUP TAGGING AND RECOVERY OF THE RTTP-IO

6 TAGS released off Tanzania only on YFT

- Length were 114, 114, 115, 115, 118, 125
- Popup time after 60, 90 and 180 days
- Fish die after 30 hours, 3 days and 7 days, and for 2 we received very short emissions and nothing from the sixth one
- According to Wildlife the emissions can correspond to fish recaptured but the tag destroyed or put inside the vessel rapidly.

We have released 2 more YFT in Maldives and the one programmed to popup after 90 did not and we are expecting the last one on 23/07/2008 (180 days)

