

ICCAT Atlantic Ocean Tropical tuna Tagging Programme (AOTTP)

Final Symposium, 12 Jan 2021



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Cookie-cutter shark *Isistius* spp. predation upon tuna species from the south-western Atlantic Ocean

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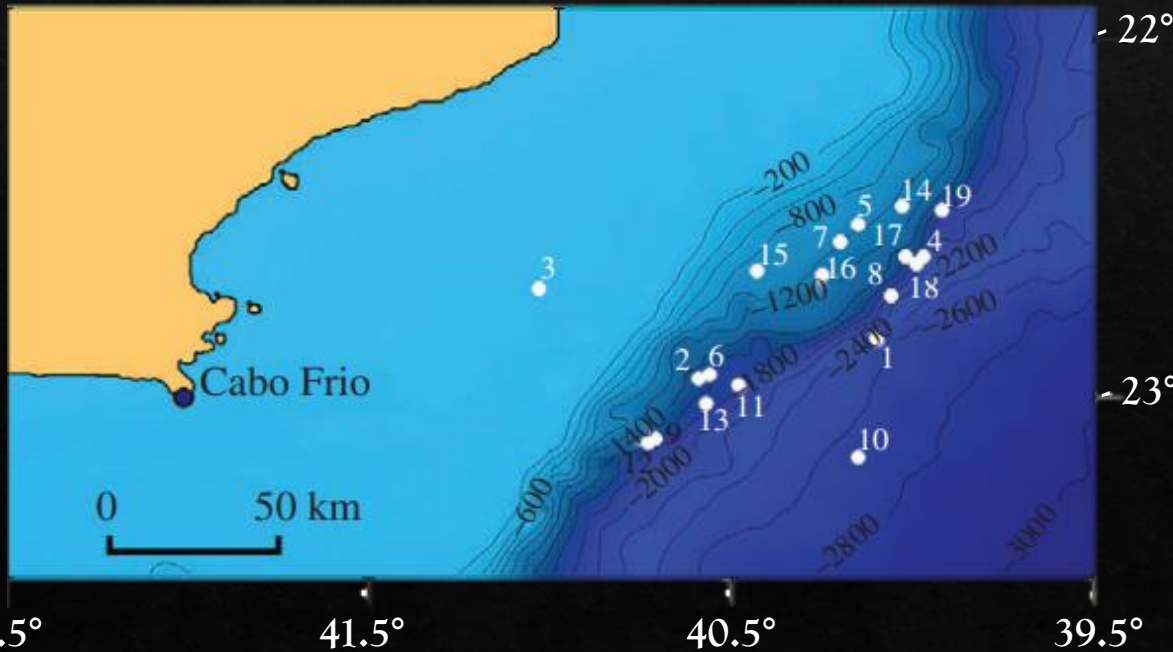
April to October 2017



- ◇ 19 Locations
- ◇ Total of 34 tuna with marks
 1. 30 *Thunnus albacares* (Yellowfin tuna)
 2. 2 *Katsuwonus pelamis* (Skipjack tuna)
 3. 2 *Euthynnus alletteratus* (Little tunny)



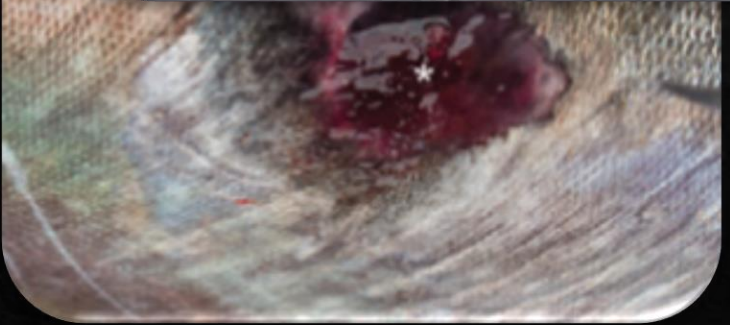
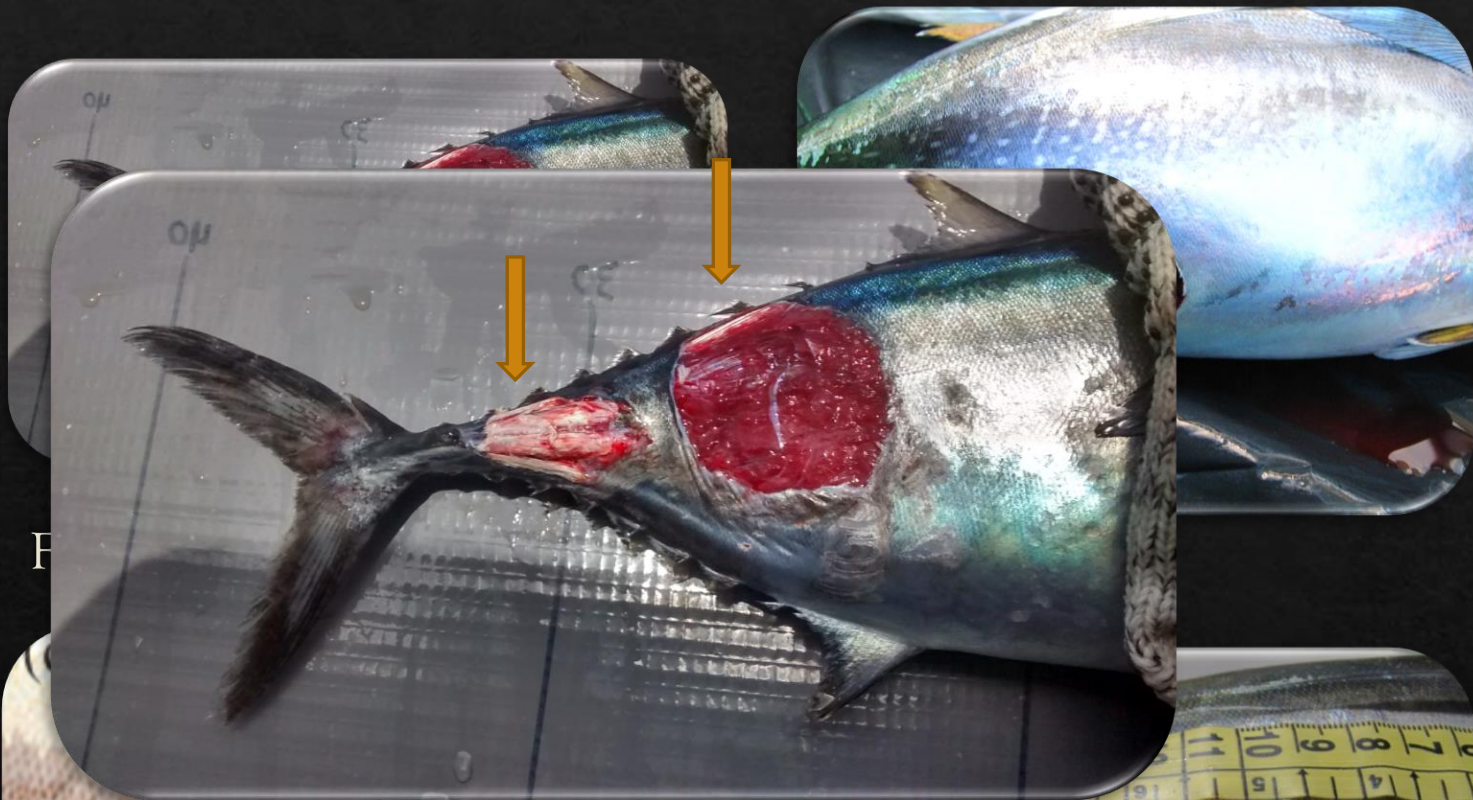
- ◇ Isobaths between 80 and 2680 m
Depth range previously described (Compagno, 1984)



- ◇ 3236 total fish tagged
 1. Yellowfin (51%)
 2. Skipjack (24%)
 3. Little tunny (5%)



Types of wounds



Partially healed (11.7%)



Scars (38.3%)





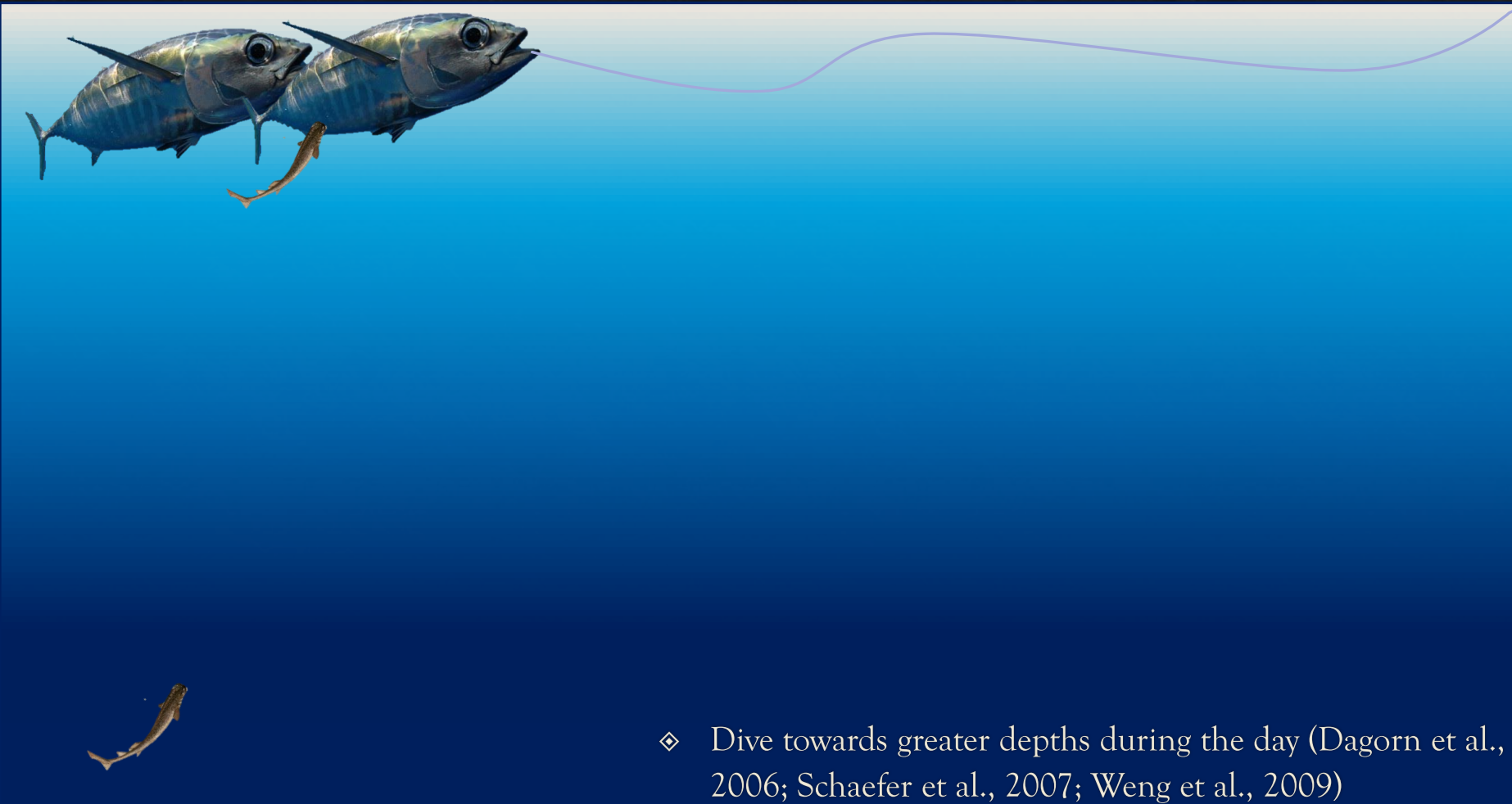
◇ Size structure

Range - 34 to 118 cm

Mean - 63.6 cm



Encounters



- ◆ Dive towards greater depths during the day (Dagorn et al., 2006; Schaefer et al., 2007; Weng et al., 2009)





- ◆ Influences on Market prices (Papastamatiou et al., 2010);
- ◆ Particularly not in this region;





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Pictures:
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Thank You