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

Yuri V. NIELLA, Osman CRESPO, Luiz G. DUARTE, Victor BANDEIRA, Doug BEARE and Fábio HAZIN

AOTTP Brazil
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 tuna)

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

- 3236 total fish tagged
  1. Yellowfin (51%)
  2. Skipjack (24%)
  3. Little tuna (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;
Thank You