

An overview of the French purse seine fleet activities in the Indian Ocean during January-June 2010

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2 vessels sold, 5 vessels left to the OA, and 1 new vessel

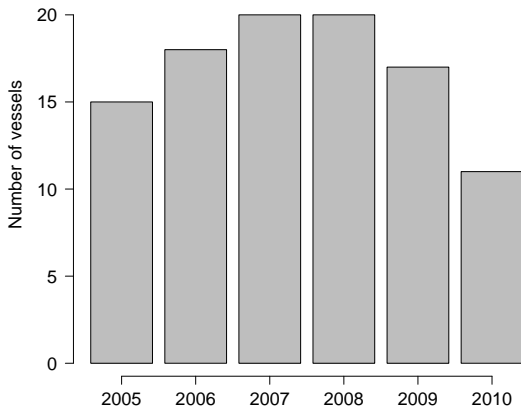


Figure: Vessels in operation during January-June 2005-2010

A decrease of 33% of the capacity between 2009 and 2010

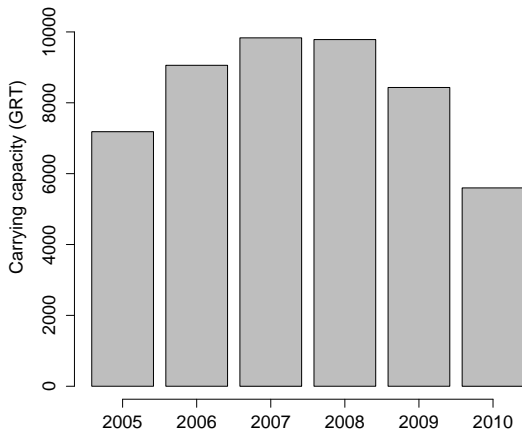


Figure: Carrying capacity of the French fleet during January-June 2005-2010

A major decrease in the sets on free swimming schools

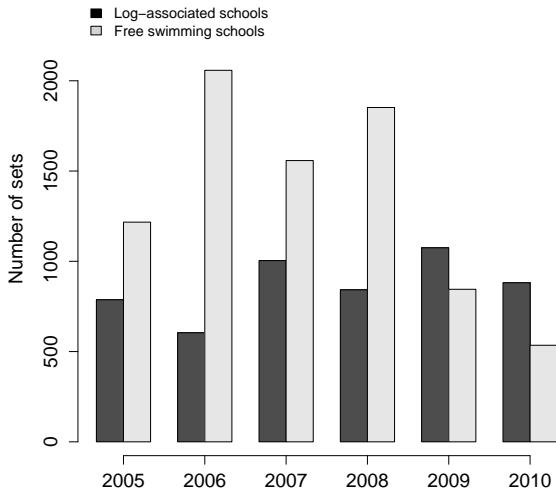


Figure: Number of fishing sets during January-June 2005-2010

255 positive sets on free swimming schools in 2010

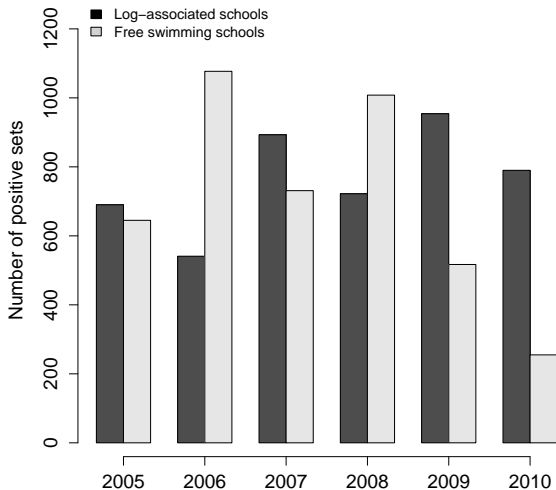


Figure: Number of positive fishing sets during January-June 2005-2010

~ 1,500 days at sea in 2010 vs. ~ 2,400 during 2005-2009

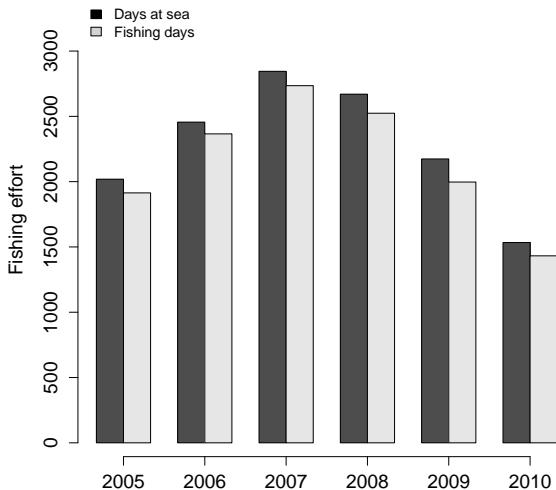
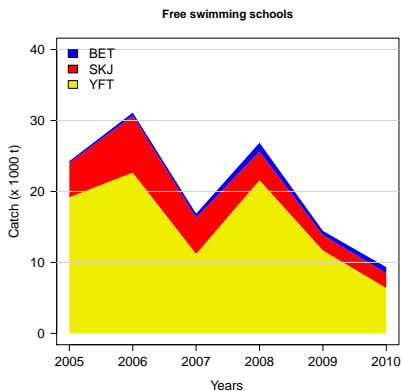
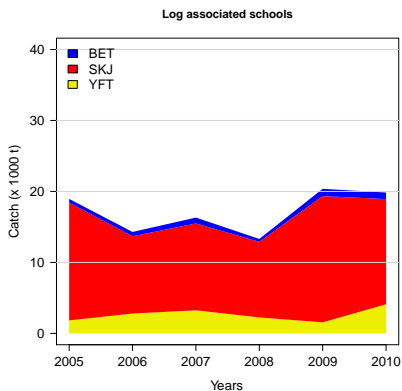


Figure: Fishing effort in days at sea and fishing days during Jan-Jun 2005-2010

Decrease in catch of YFT on free swimming schools and stability of SKJ on log-associated schools



(a) Free swimming schools



(b) Log-associated schools

Figure: Catch by species ($\times 1000$ t)

Fishing grounds restricted west of 55°E in Jan-Jun 2010

Catches on free swimming schools during January–June 2010

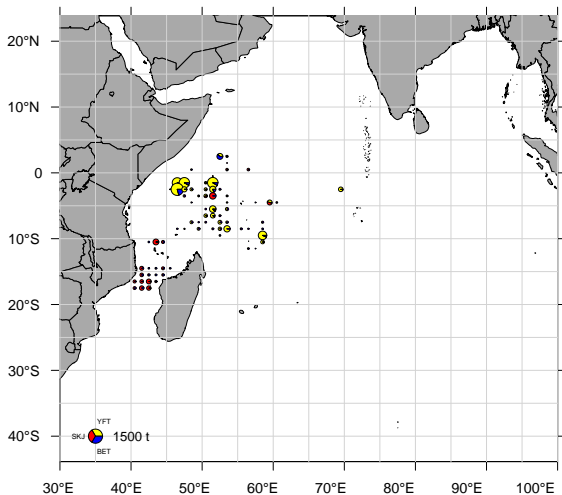


Figure: Spatial distribution of French PS catch on free swimming schools during Jan-Jun 2010

Fishing extended until 85°E during Jan-Jun 2007-2009

Catches on free swimming schools during Jan-Jun 2007-2009

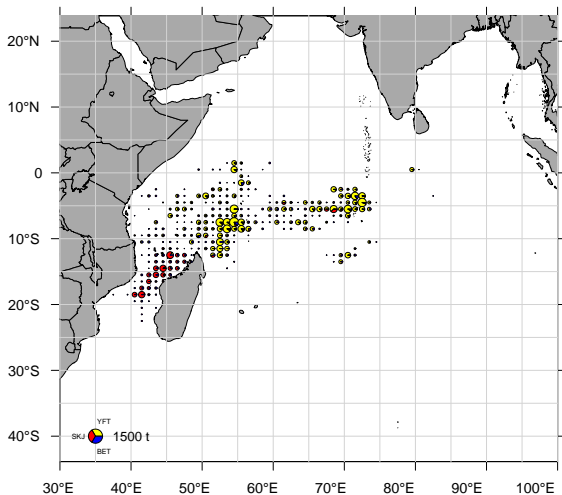


Figure: French PS catch on free swimming schools during during 2007-2009

Large catch of SKJ around the Seychelles and in the MC

Catches on log-associated schools during January–June 2010

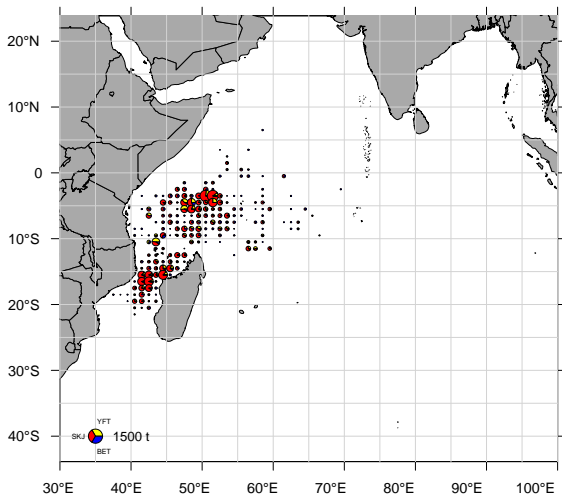


Figure: Spatial distribution of French PS catch on log-associated schools in 2010

Catches more spread during 2007-2009 except in the MC

Catches on log-associated schools during Jan–Jun 2007–2009

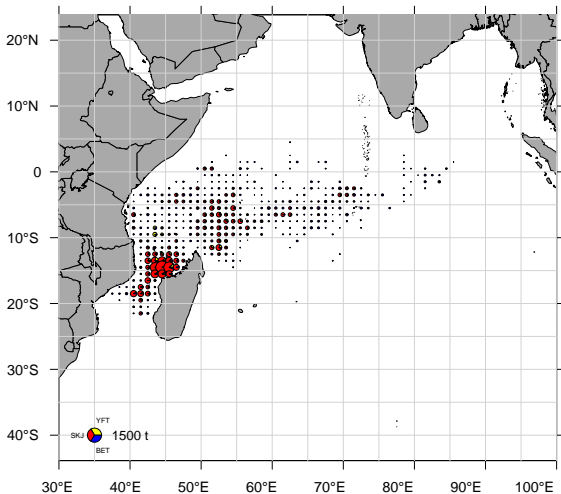
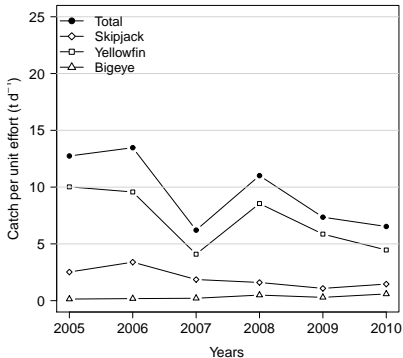
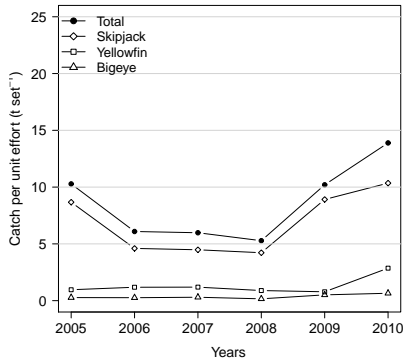


Figure: French PS catch on log-associated schools during Jan–Jun 2007–2009

CPUE $< 5 \text{ t.d}^{-1}$ for YFT and $> 10 \text{ t.set}^{-1}$ for SKJ



(a) Free swimming schools



(b) Log-associated schools

Figure: Catch rate on log-associated schools during Jun-Jan 2005-2010

Summary of the French PS data for 2010

Major points

- A strong decrease in French PS fishing effort in the Indian Ocean
- Reallocation of the effort in the Atlantic Ocean with some concerns for ICCAT
- Very poor season on free swimming schools with a decrease both in catch and CPUE
- Stability of the catch of SKJ with an increase in the CPUE