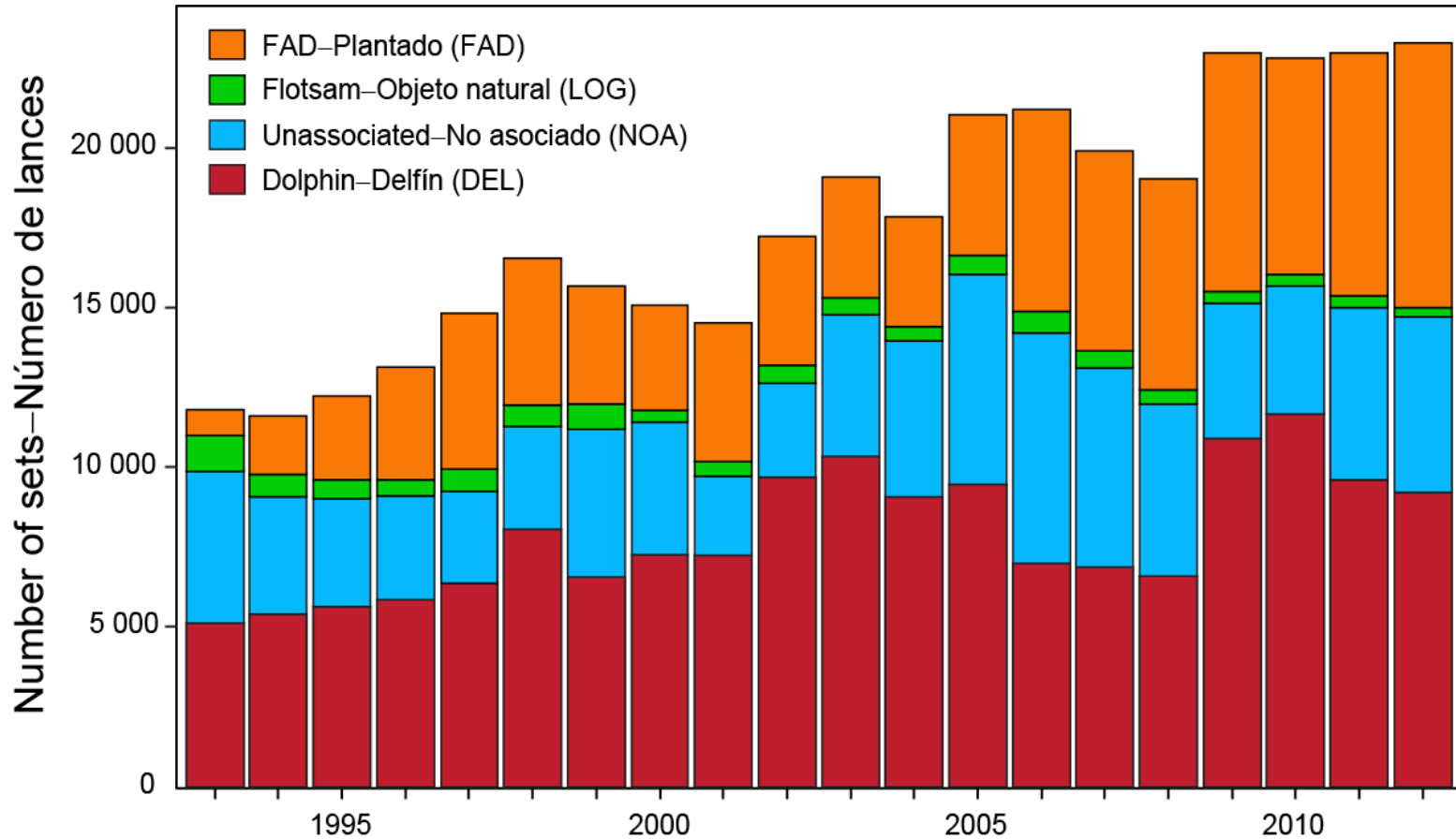
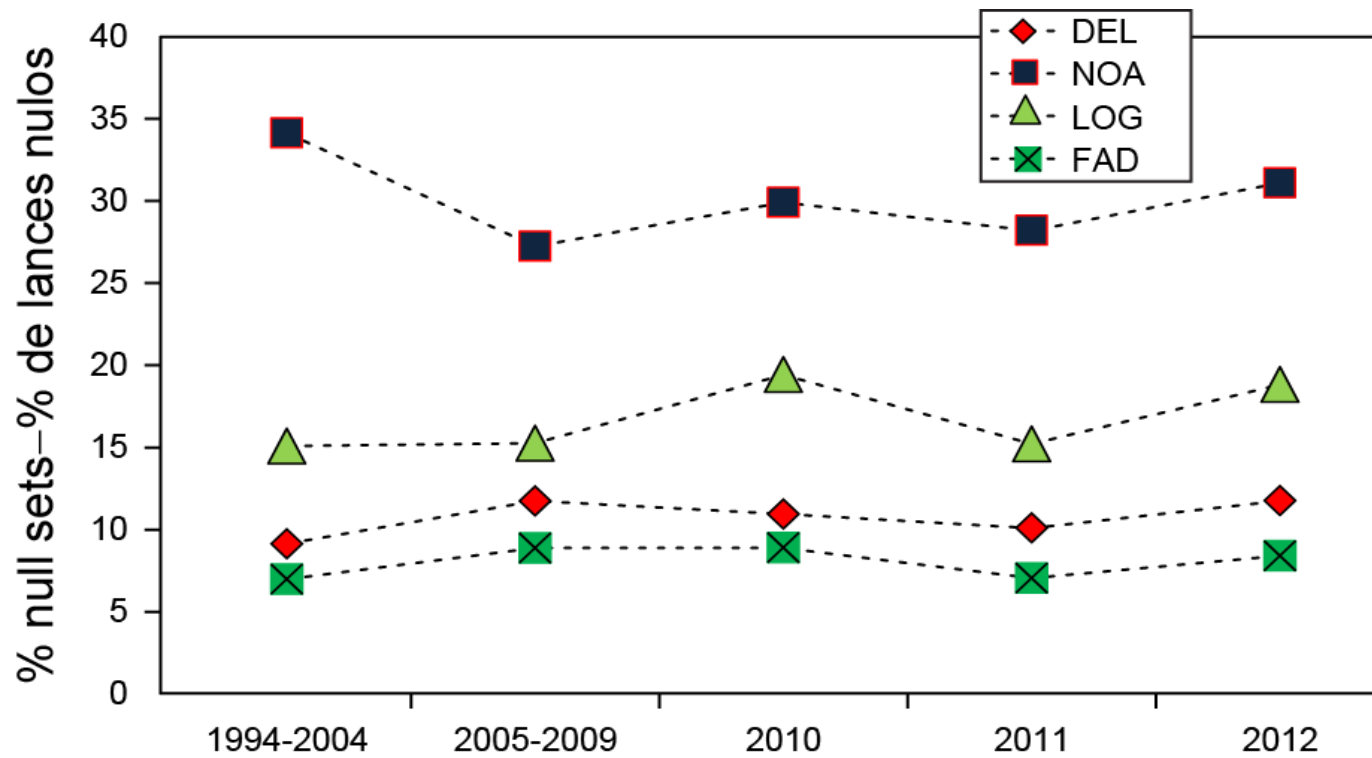


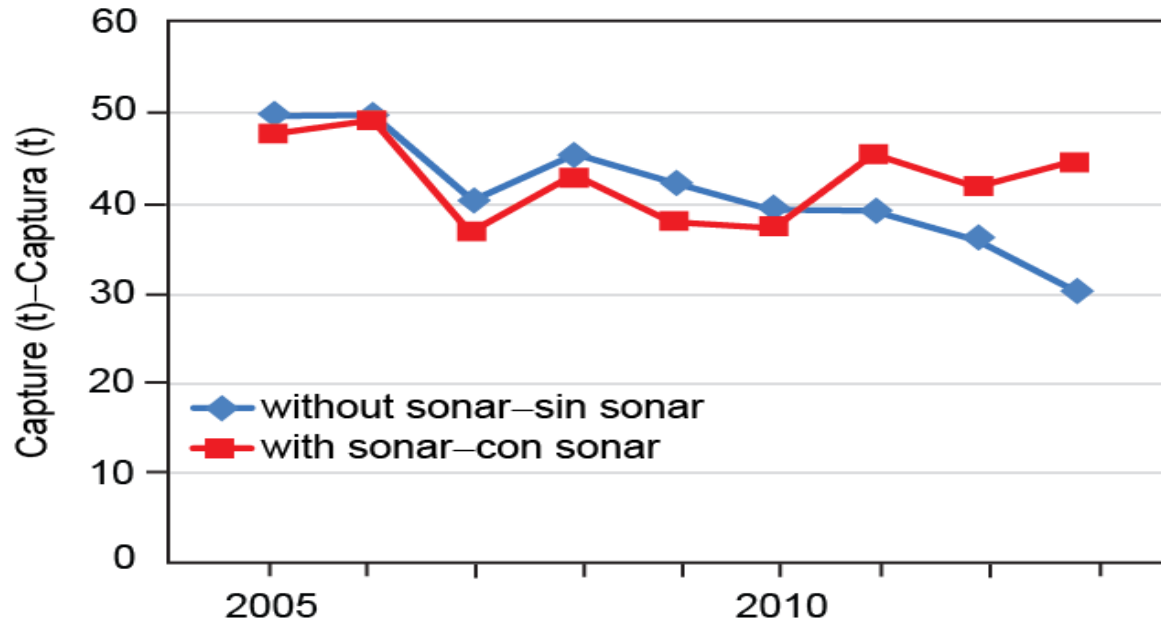
FIGURE 1. Number of sets by set type, 1993-2012.



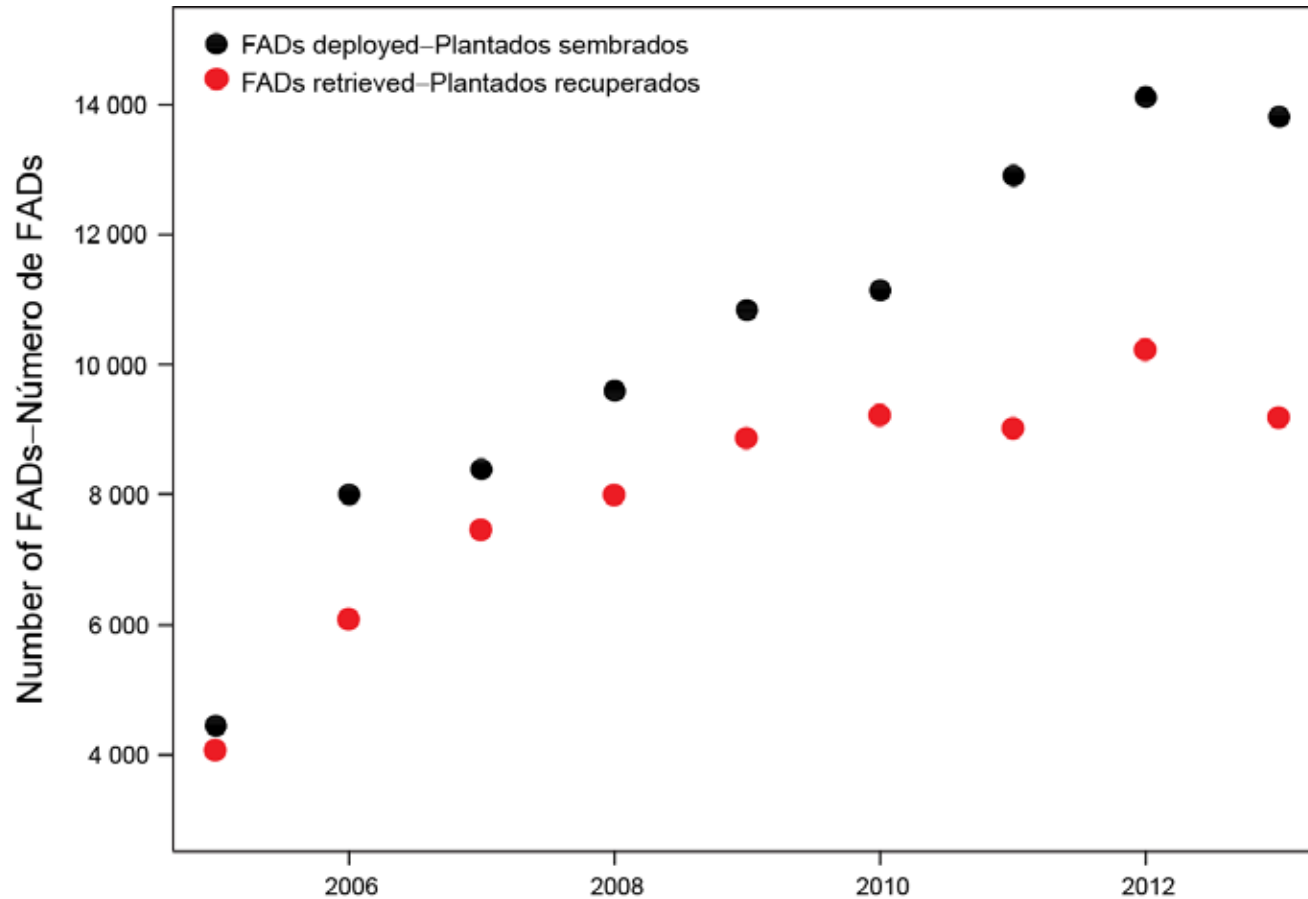
**FIGURE 2.** Percent of null sets by set type, 1994-2012



**FIGURE 3.** Total capture per set on FADs with and without sonar, 2004-2014.



**FIGURE 4.** Number of FADs observed deployed and retrieved in the EPO by year, 2005-2013.



**FIGURE 5.** FAD deployments by vessels, 2005-2012. Excludes vessels deploying less than 10 FADs in a year.

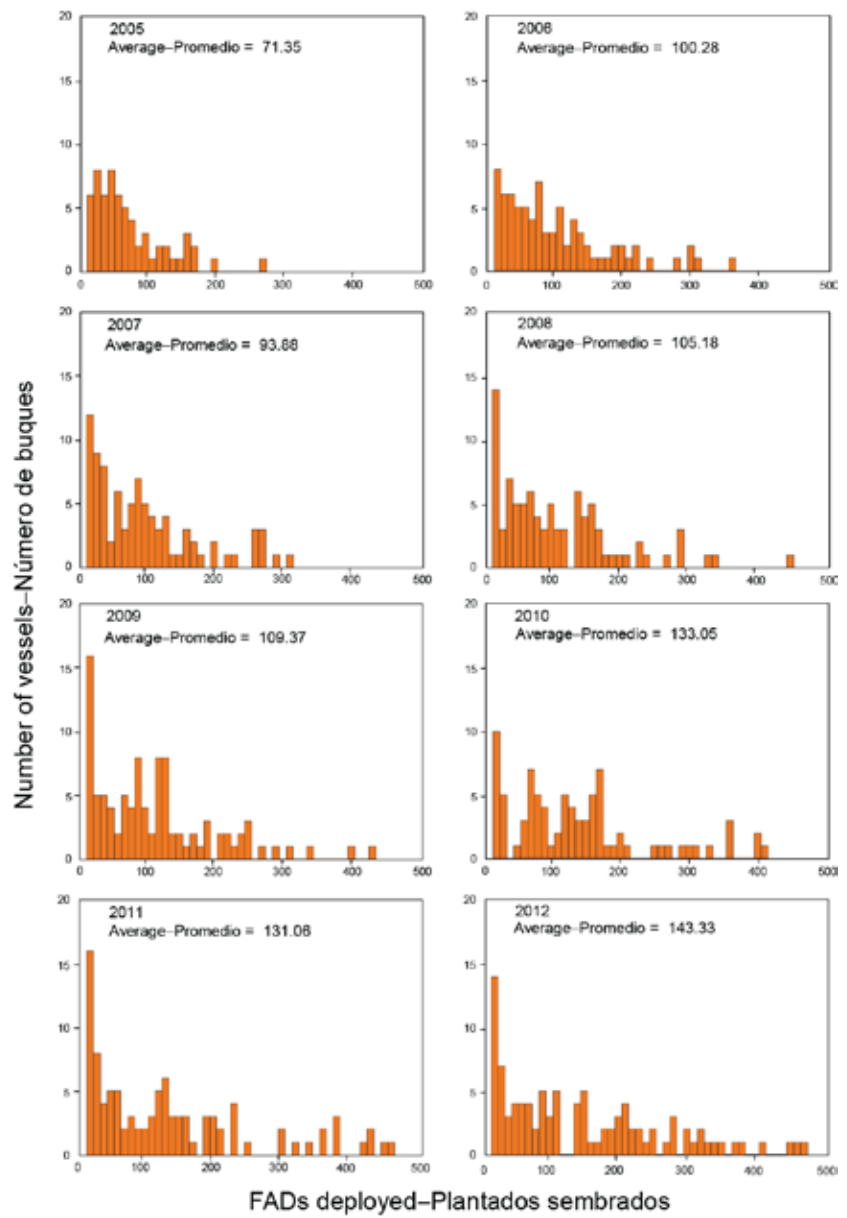


FIGURE 7. Distribution of FAD deployments, by month, 2010-2012

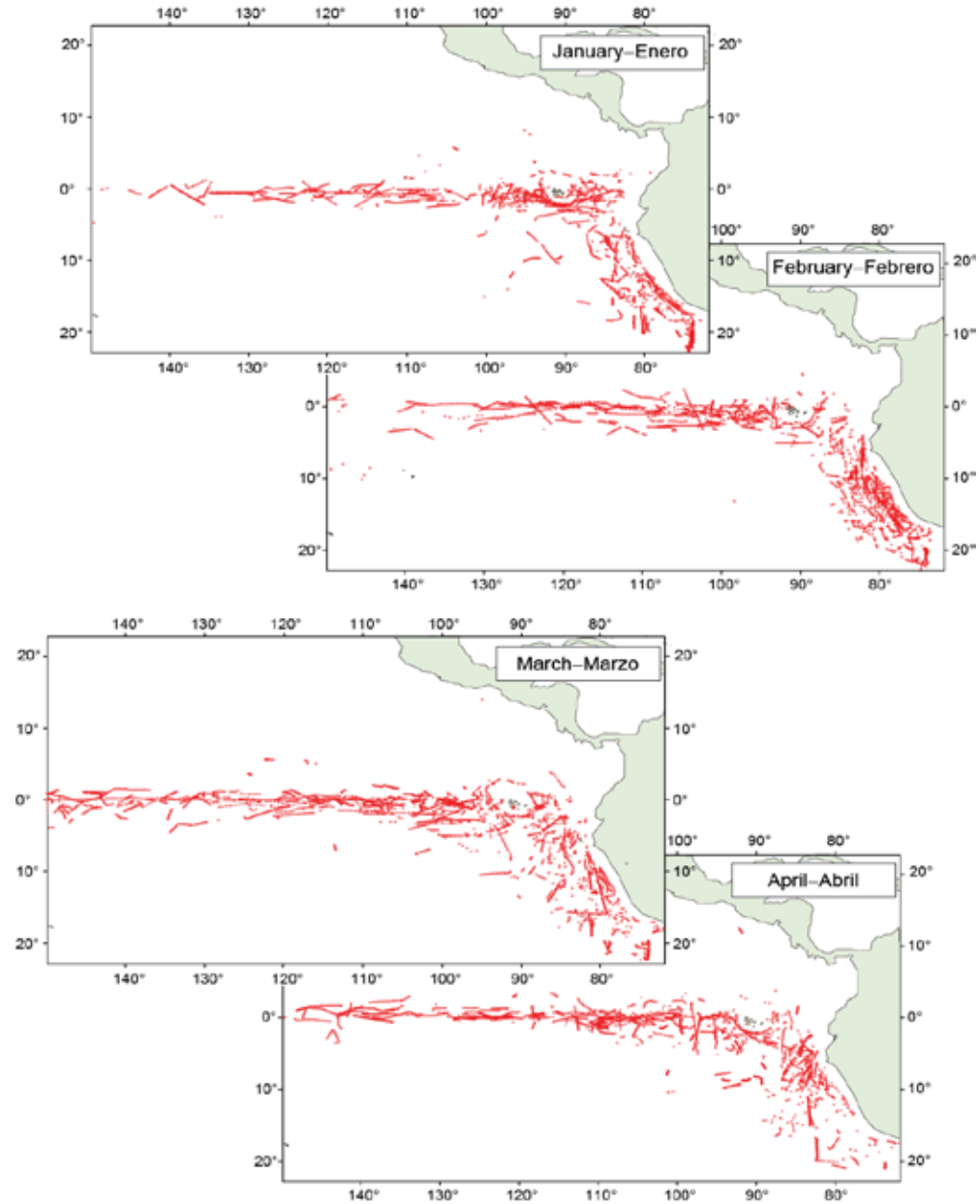


FIGURE 7. Cont. Distribution of FAD deployments, by month, 2010-2012

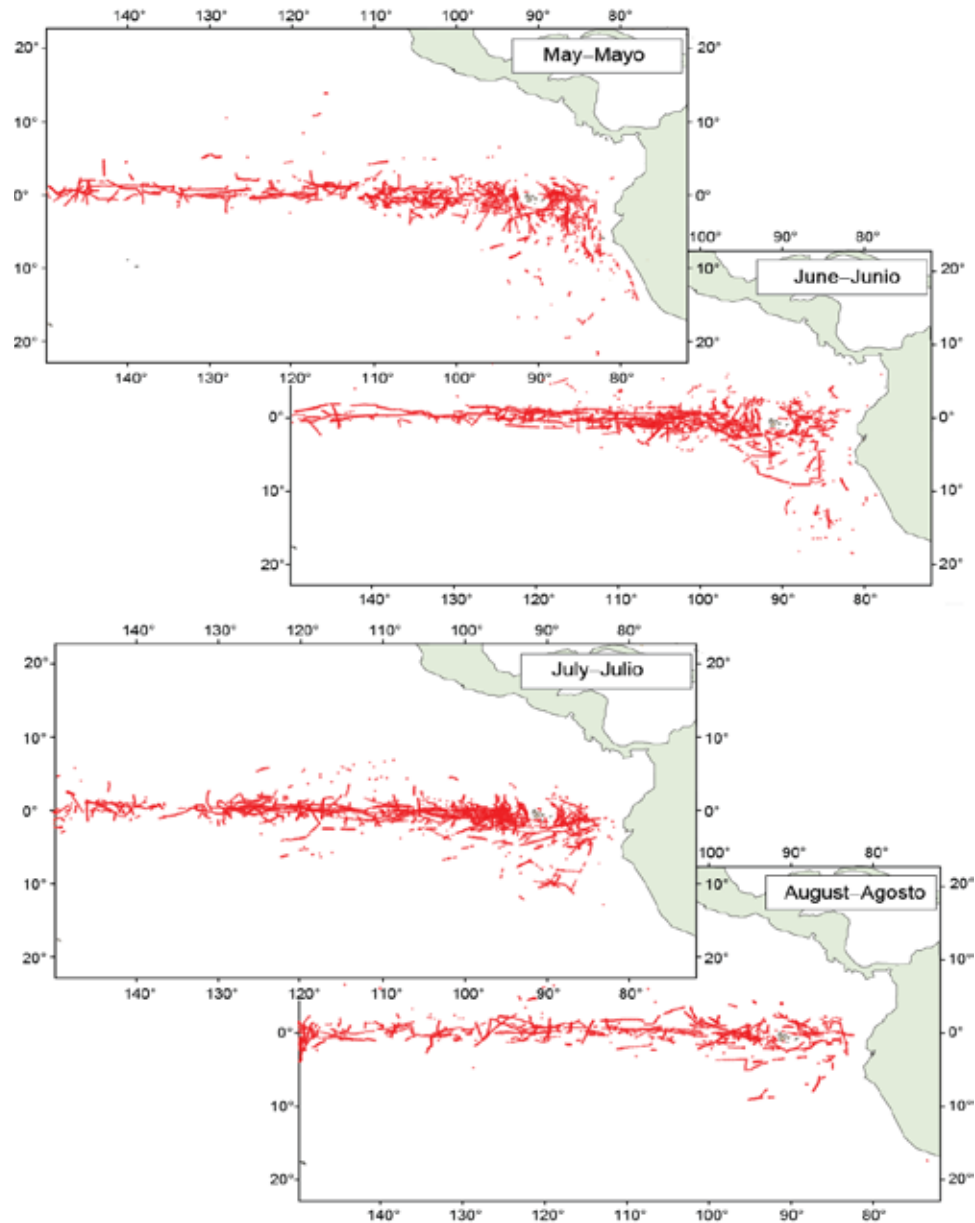


FIGURE 7. Cont. Distribution of FAD deployments, by month, 2010-2012

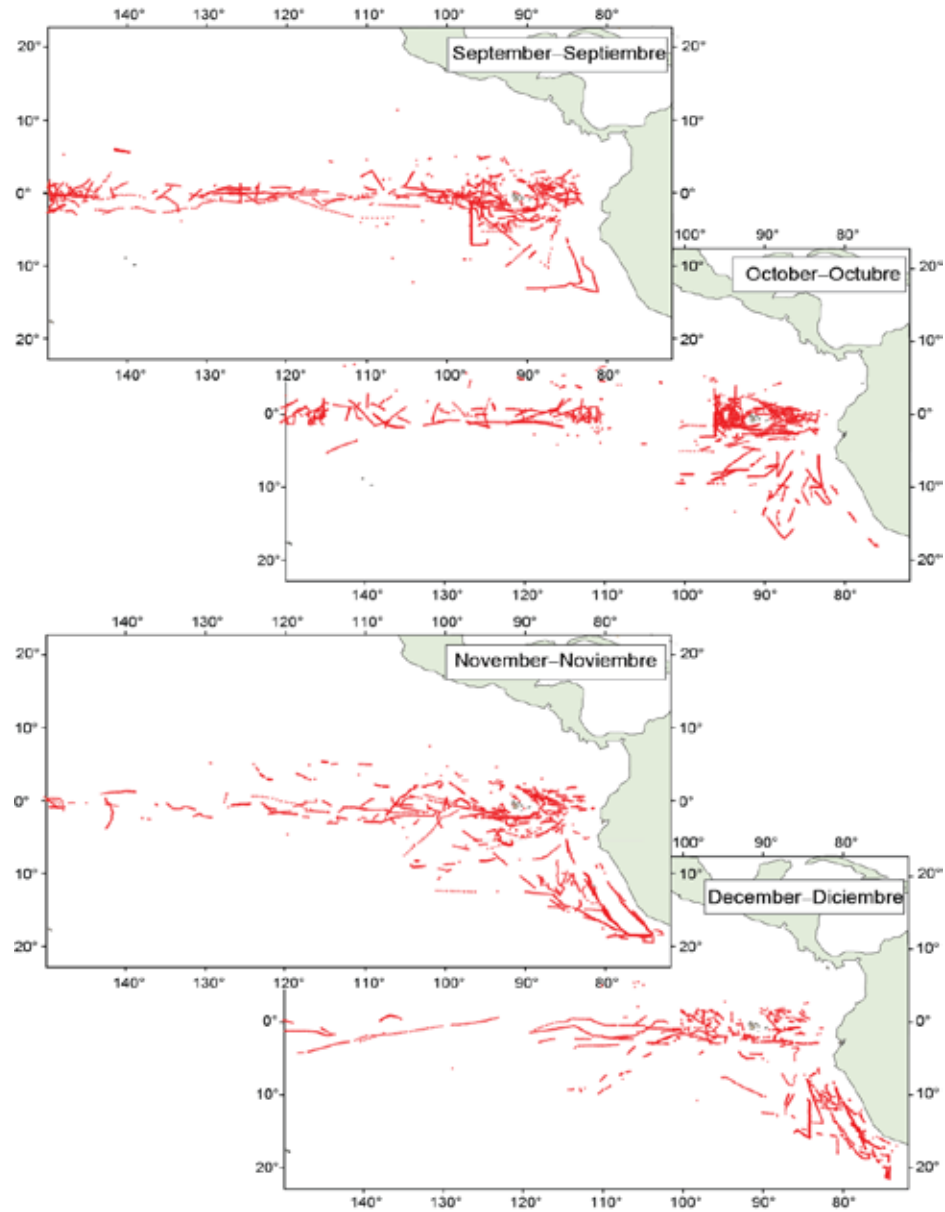
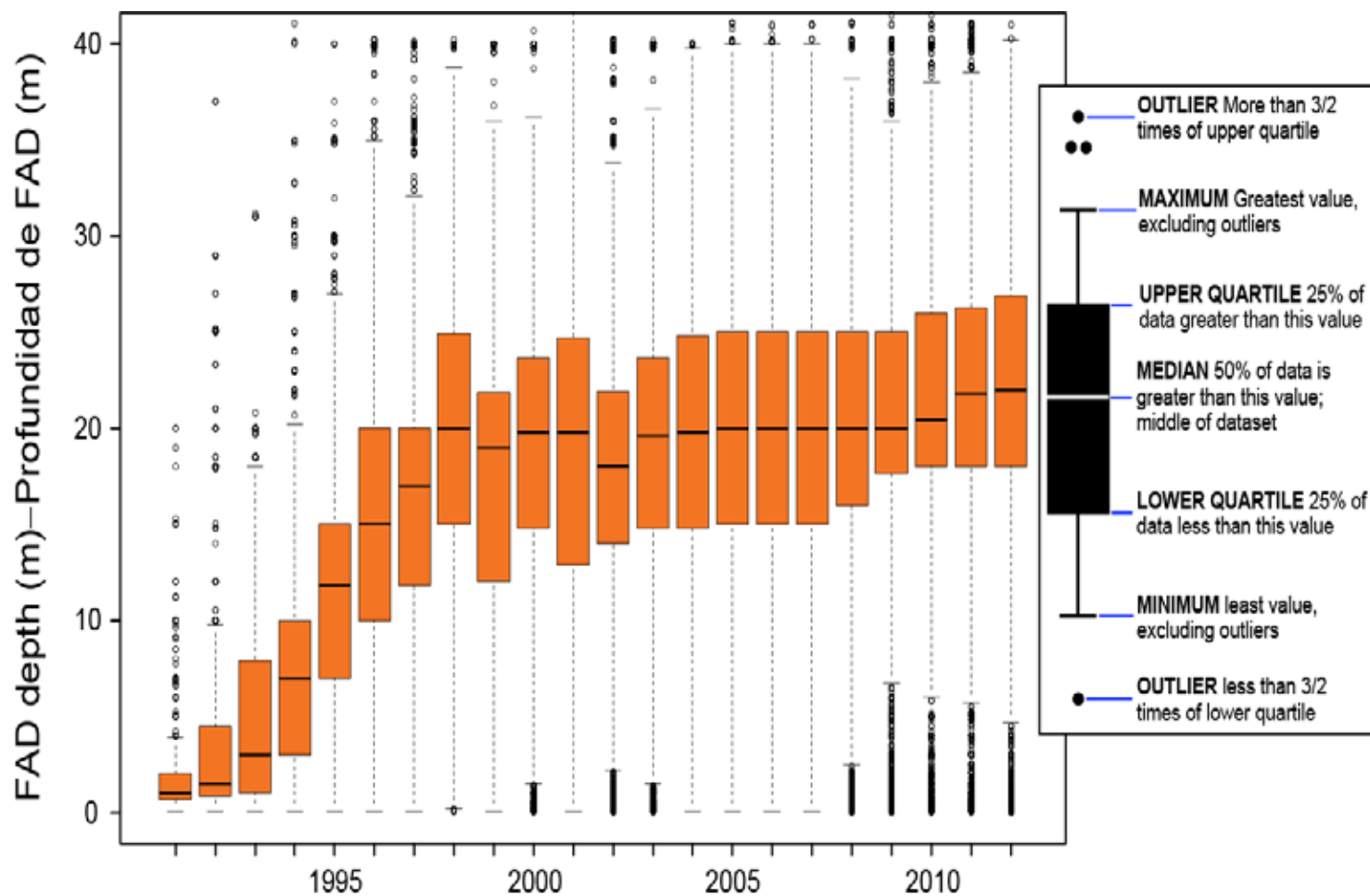
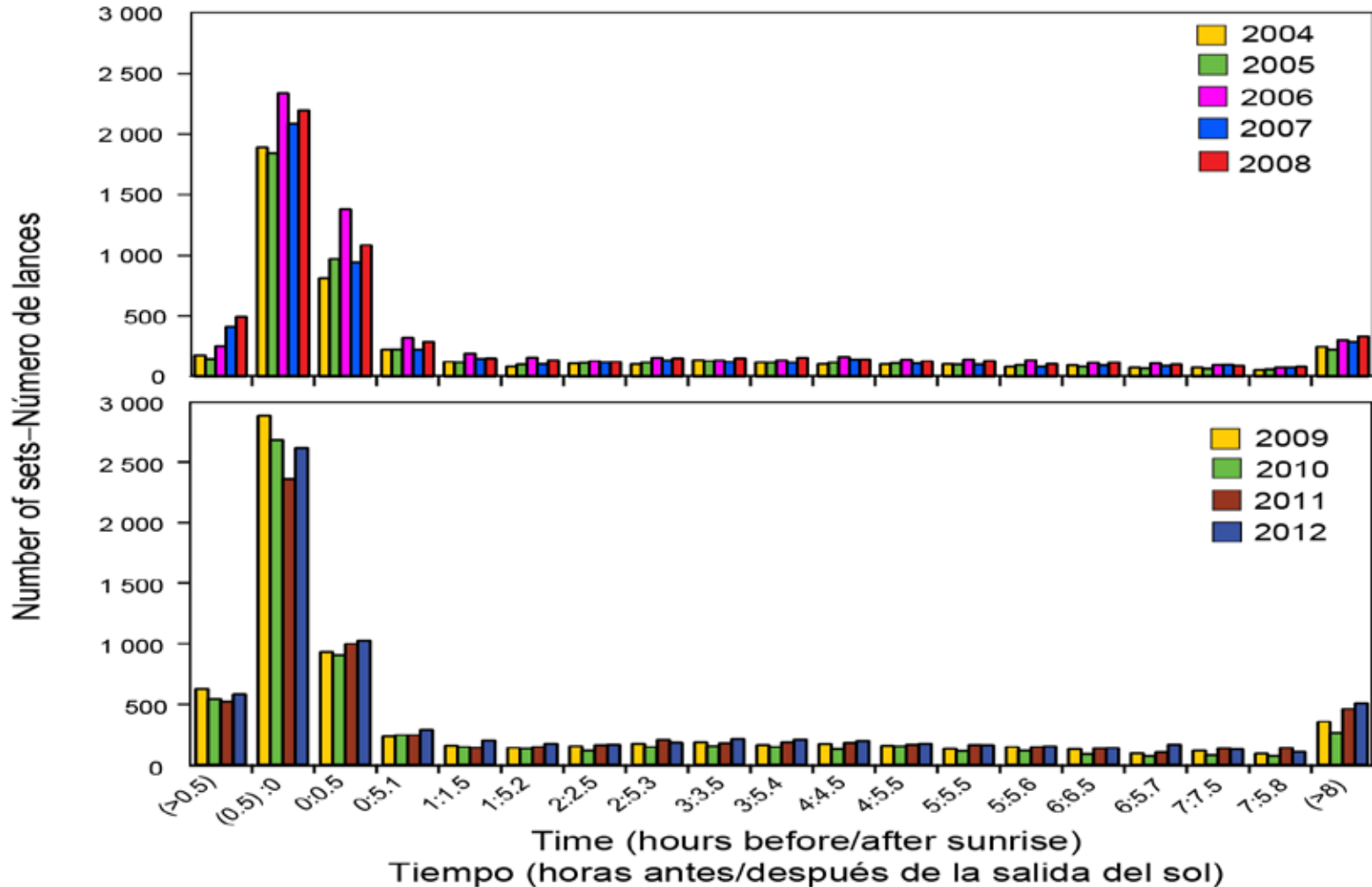




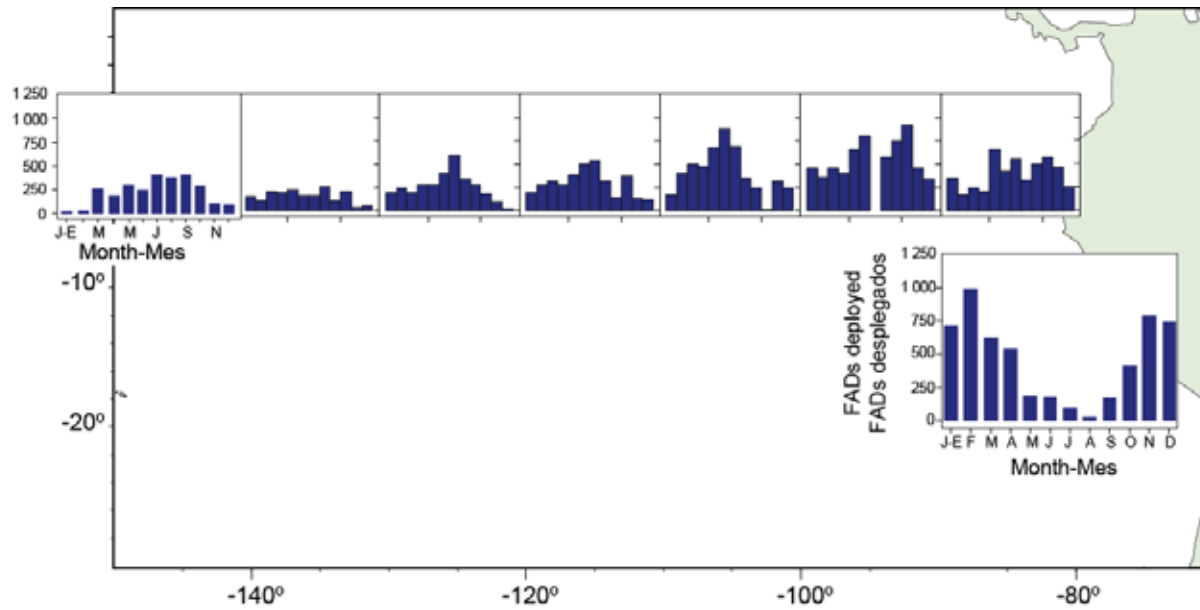
FIGURE 8. Box plots showing average depth of FAD net webbing, by year. Period 1991-2012.



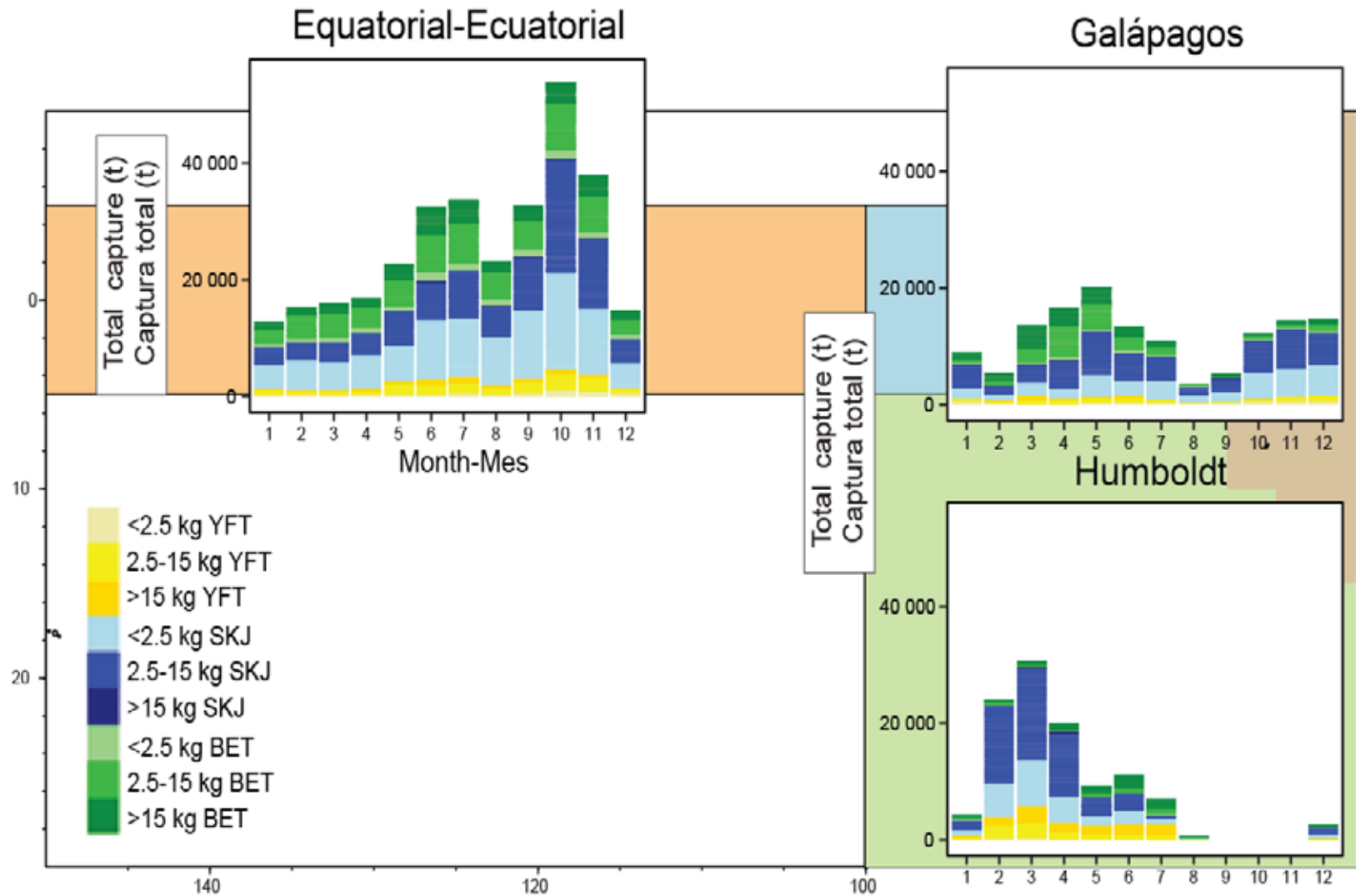
**FIGURE 9.** Timing of FAD sets relative to sunrise, 2004-2012.



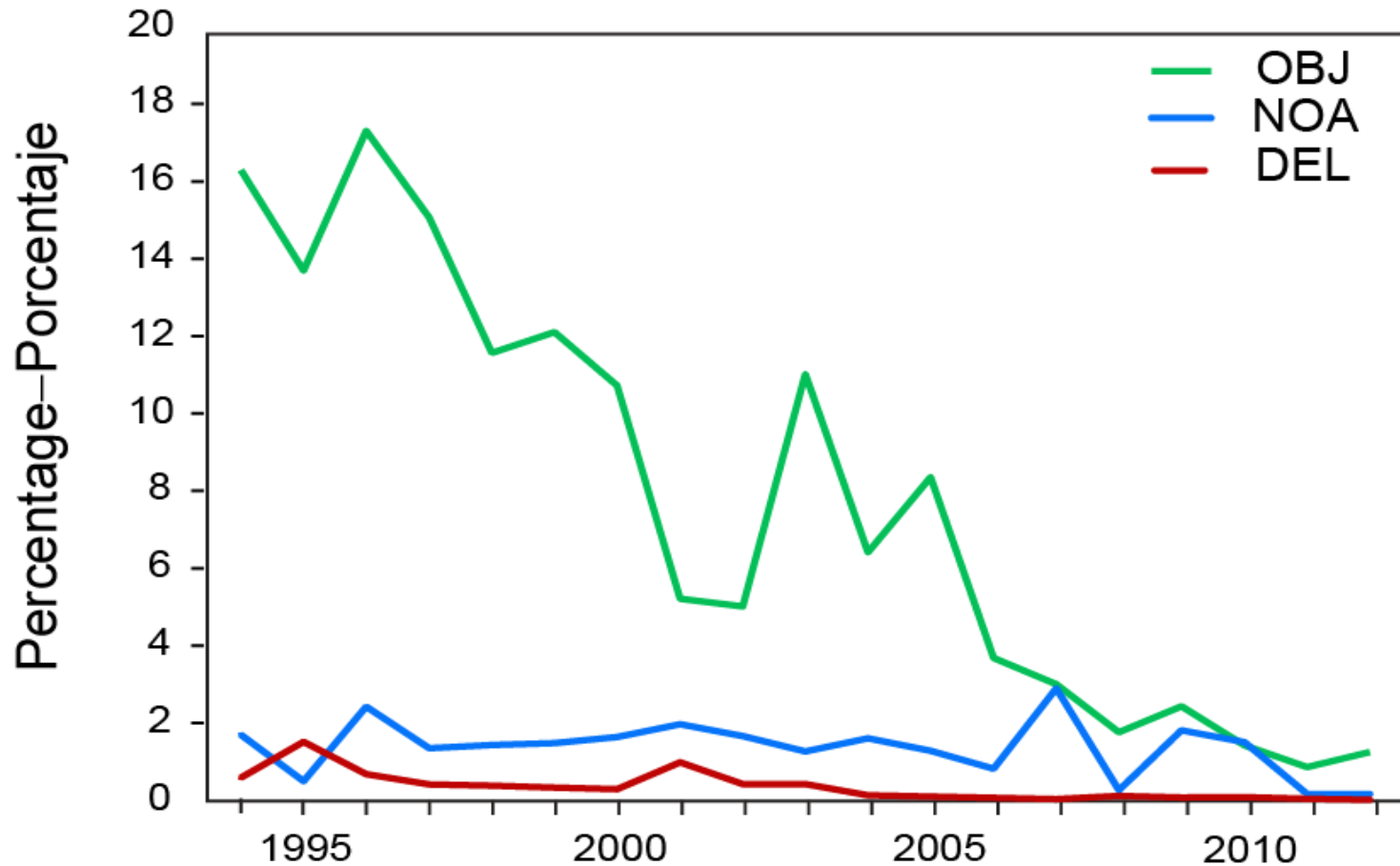
**FIGURE 11.** Number of FADs deployed by month and by area. Period 2010 – 2012



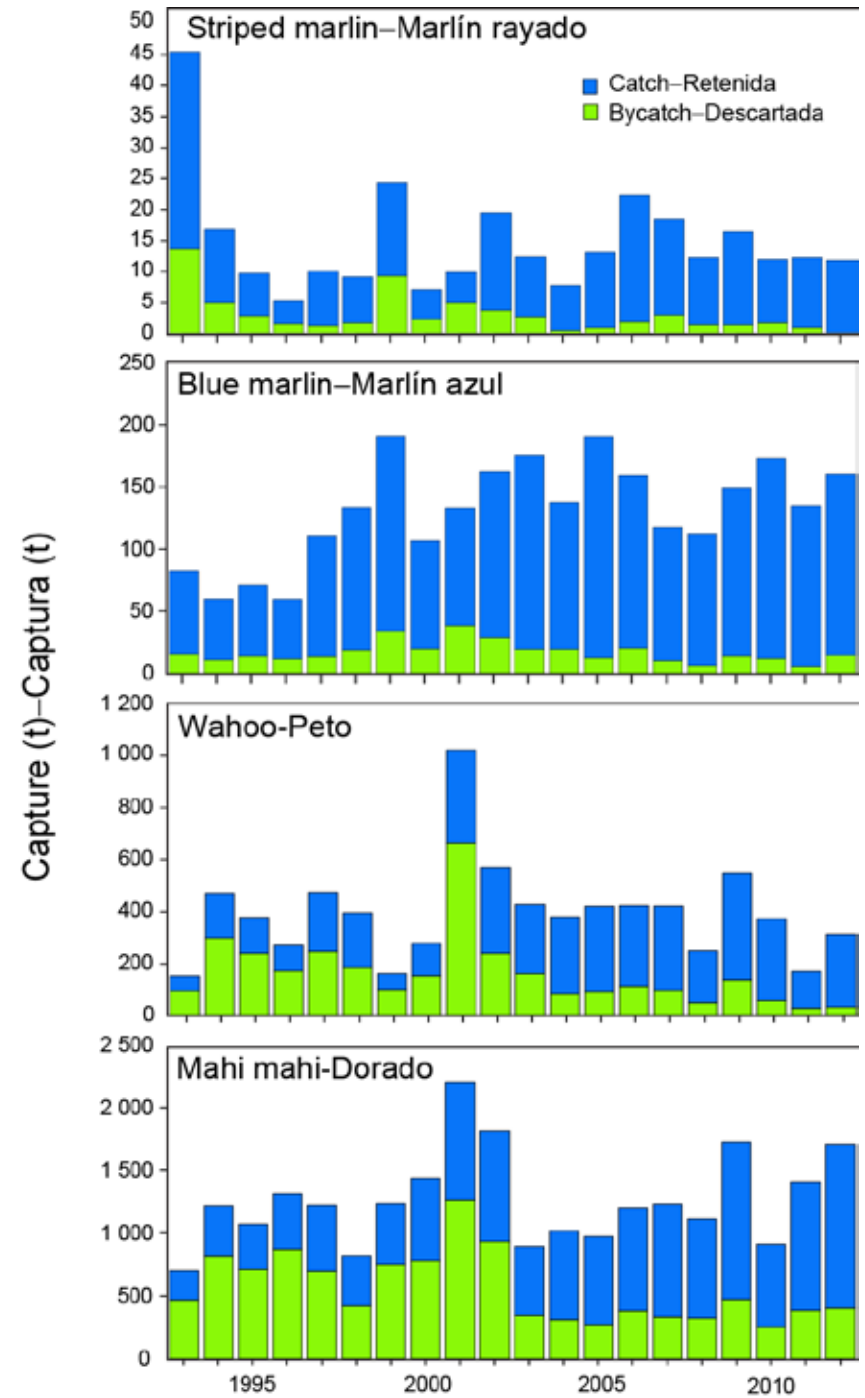
**FIGURE 6.** Total captures of tunas, by species and size, in sets on FADs, by month and area, 2010-2012.



**FIGURE 10.** Percentage of tuna discards, by set type, 1994-2012.



**FIGURE 12.** Utilization of striped marlin, blue marlin, wahoo, and mahi mahi captured in FAD sets, 1993-2012



**FIGURE 13.** Discards of rainbow runner and yellowtail in FAD sets, 1993-2012.

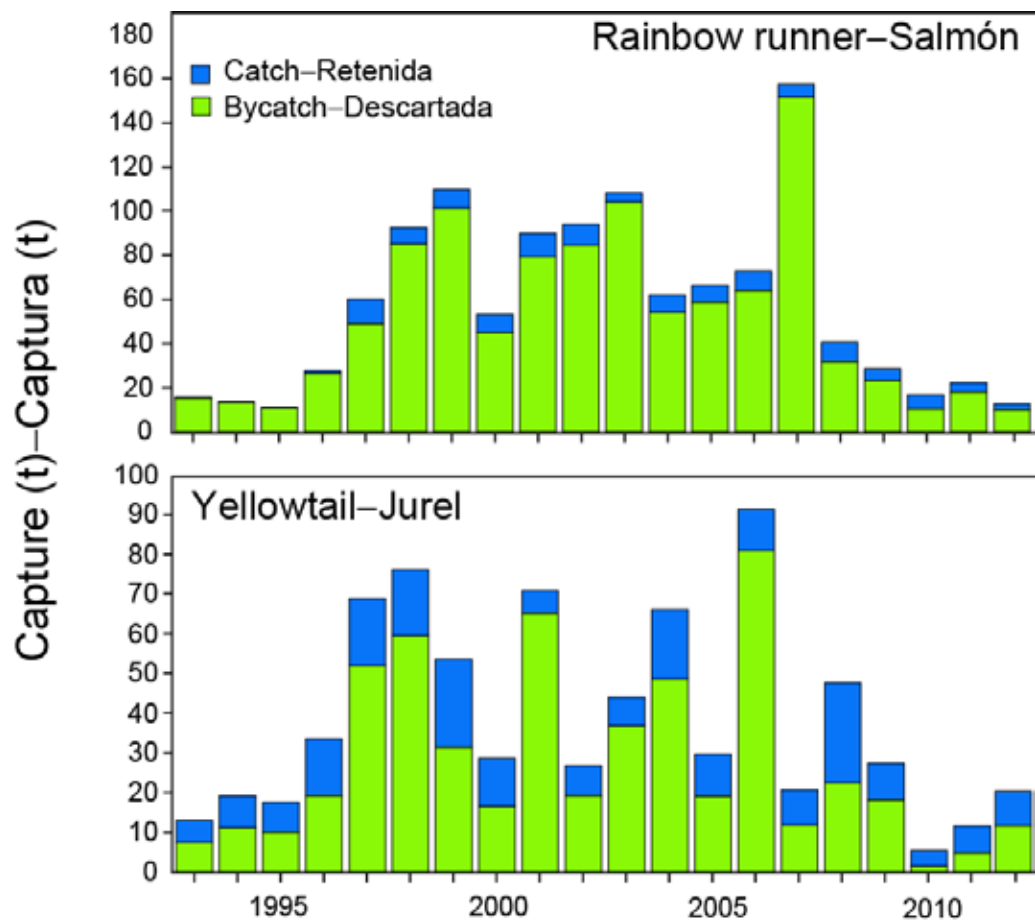
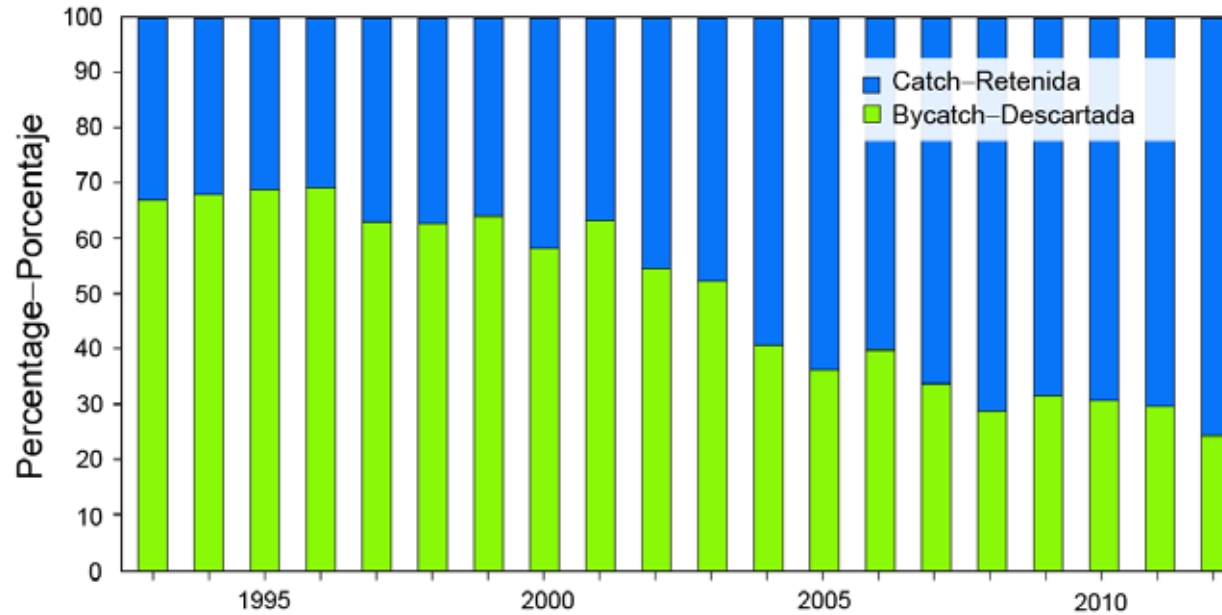


FIGURE 14. Utilization of non-tuna species captured in FAD sets, 1993-2012.





**Year: 2013**

**Class 6 Purse-Seine Vessels**

(excluding marine mammals)

Species	Estimated total capture and bycatch in MT in 2013 by set type and all sets combined							
	DEL Bycatch	DEL Capture	NOA Bycatch	NOA Capture	OBJ Bycatch	OBJ Capture	All Sets Bycatch	All Set Capture
Sailfish	1.24	14.92	0.45	1.74	0.01	0.72	1.71	17.38
Blue marlin	0.15	12.36	0.64	5.31	14.42	169.90	15.20	187.57
Black marlin	0.28	7.70	0.14	5.69	3.79	89.65	4.21	103.04
Striped marlin	0.20	6.43	0.00	3.57	0.47	12.13	0.67	22.13
Other/Unid billfish	0.00	1.50	0.20	2.13	2.54	17.73	2.74	21.36
Silky shark	0.83	38.14	4.71	54.72	124.61	212.29	130.15	305.15
Oceanic whitetip shark	0.00	0.00	0.01	0.01	0.68	0.89	0.68	0.90
Scalloped hammerhead	0.45	0.62	0.68	1.99	15.61	21.88	16.74	24.49
Smooth hammerhead	0.23	0.33	0.57	1.95	36.86	48.54	37.65	50.82
Other/Unid HH shark	0.18	0.22	0.50	1.59	7.84	9.05	8.51	10.86
Other/Unid shark	2.80	9.92	3.31	7.07	54.11	59.30	60.23	76.29
Giant manta	14.41	14.41	10.19	10.19	0.63	0.63	25.23	25.23
Spinetail manta	4.76	4.78	8.35	8.50	1.20	1.20	14.31	14.48
Chilean devil ray	1.03	1.07	3.42	3.42	0.73	0.86	5.18	5.35
Smoothtail manta	1.42	1.56	6.36	6.40	0.85	0.89	8.63	8.85
Munk's devil ray	0.17	0.17	1.37	1.37	0.12	0.12	1.66	1.66
Unid Manta/devil rays	5.92	6.17	5.42	5.52	1.24	1.25	12.58	12.94
Pelagic stingray	0.68	0.69	0.16	0.16	0.24	0.24	1.08	1.09
Other/Unid rays	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mahi mahi	0.00	0.46	1.60	6.87	489.14	1,457.79	490.74	1,465.12
Wahoo	0.00	0.07	0.03	1.47	86.04	518.90	86.07	520.44
Rainbow runner	0.00	0.00	0.00	0.33	10.02	18.77	10.02	19.10
Yellowtail	0.93	0.93	0.42	1.81	5.26	12.24	6.61	14.98
Other large fish	2.24	2.78	28.00	29.04	4.82	11.42	35.06	43.24
Olive ridley turtle	0.00	0.00	0.03	0.03	0.22	0.22	0.25	0.25
Loggerhead turtle	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Green/black turtle	0.00	0.00	0.00	0.00	0.02	0.02	0.02	0.02
Leatherback turtle	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hawksbill turtle	0.00	0.00	0.00	0.00	0.04	0.04	0.04	0.04
Unid turtle	0.00	0.00	0.00	0.00	0.07	0.07	0.07	0.07



## Recommendations

- Handling sea turtles, manta rays
- Sharks (later)
- Seabirds
- Marking and information on FADs
- Gear description