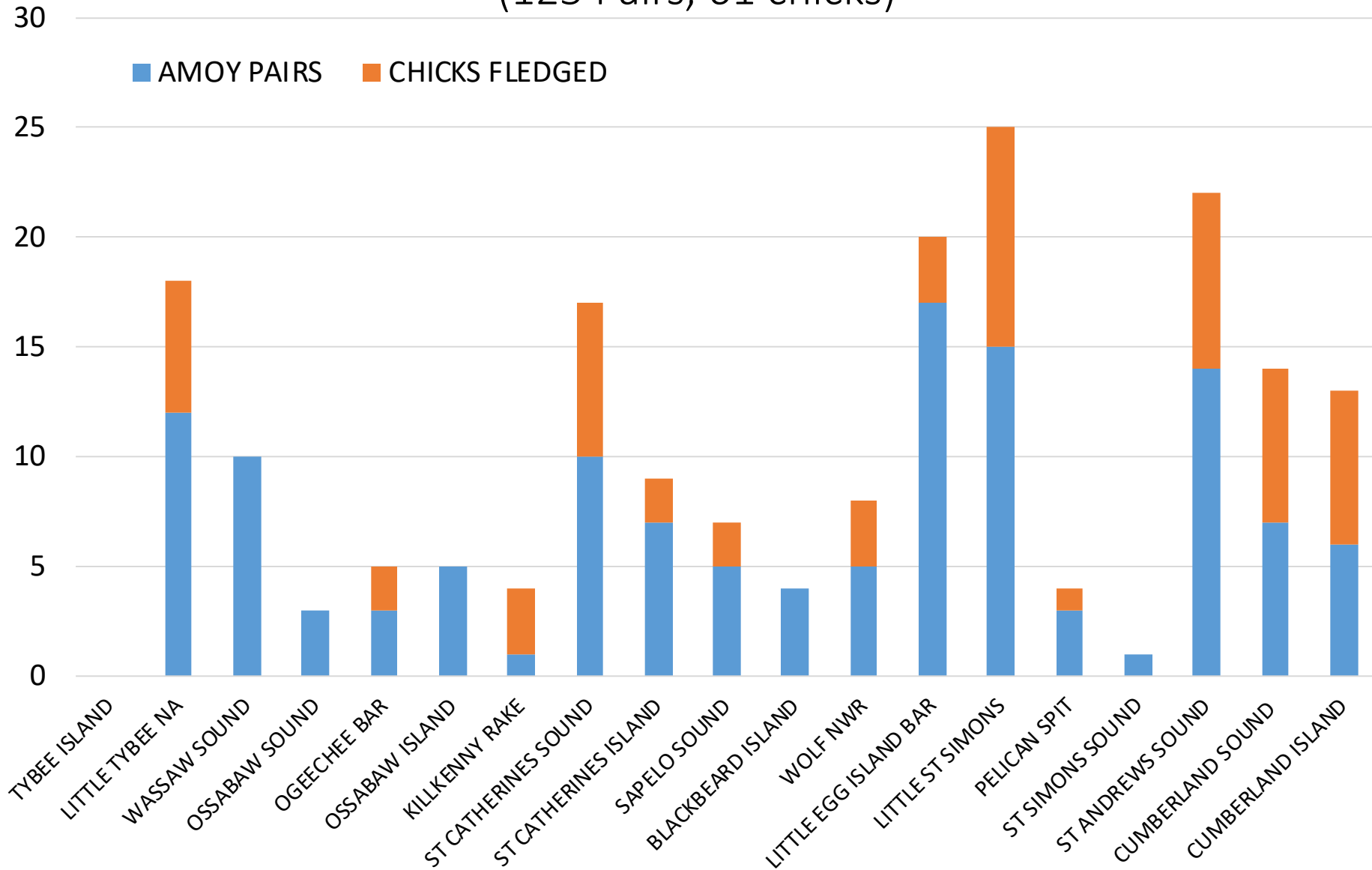


2018 GA AMOY summary



2018 AMOY productivity

(125 Pairs, 61 chicks)



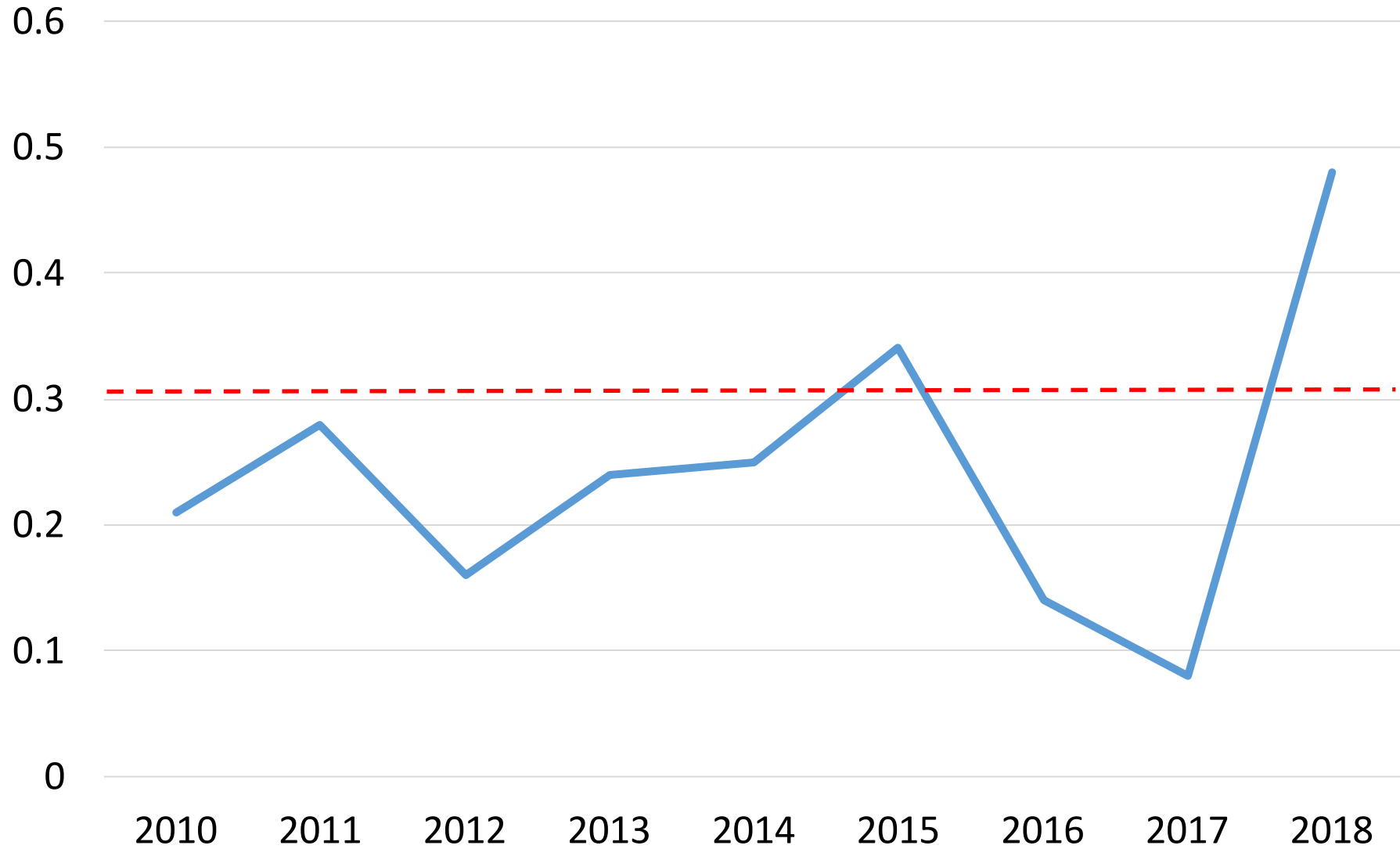


Banded 51 Chicks

AREA	AMOY PAIRS	CHICKS HATCHED*	CHICKS FLEDGED*	BANDED	PRODUCT.
LITTLE TYBEE NA	12	7	6	4	0.50
WASSAW SOUND ¹	10	2	0	0	0.00
OSSABAW SOUND ²	3	0	0	0	0.00
OGEECHEE BAR	3	2	2	2	0.67
OSSABAW ISLAND	5	0	0	0	0.00
KILLKENNY RAKE	1	3	3	3	3.00
ST CATHERINES SOUND ³	10	13	7	5	0.70
ST CATHERINES ISLAND	7	8	2	2	0.29
SAPELO SOUND ⁴	5	2	2	2	0.40
BLACKBEARD ISLAND	1	0	0	0	0.00
WOLF NWR	5	3	3	0	0.60
LITTLE EGG ISLAND BAR	17	3	3	2	0.18
LITTLE ST SIMONS	15	18	10	8	0.67
PELICAN SPIT	3	1	1	1	0.33
ST SIMONS SOUND ⁵	1	1	0	0	0.00
ST ANDREWS SOUND ⁶	14	10	8	8	0.57
CUMBERLAND SOUND ⁷	7	7	7	7	1.00
CUMBERLAND ISLAND	6	7	7	7	1.17
TOTAL	125	87	61	51	0.49

AMOY Productivity

(chicks fledged per pair)



A Tale of two hurricanes

Hurricane Matthew - 2016

- Slow storm hit at low-high tide
- Variable flooding
- Lost 1 offshore bar
- 2 offshore bars greatly diminished
- Rake habitat diminished
- 2017 – very low AMOY nest success

Hurricane Irma - 2017

- Hit at mid tide
- coastal flooding (6'surge → 12' tide)
- Many small hammock and marsh islands flooded
- Evidence of reduction in raccoon
- Ongoing loss of offshore bar habitat
- 2018 highest AMOY nest success

Hurricane Irma and mammalian predators

- St Catherines Sound shell rakes
 - 2017 – 11 nests lost to raccoon
 - 2018 – 4 nests lost to raccoon
- St Andrews Sound
 - 2017 – 11 Amoy pairs 0 fledged
 - 2018 – 14 Amoy pairs 8 fledged
- Large island mammal populations unaffected

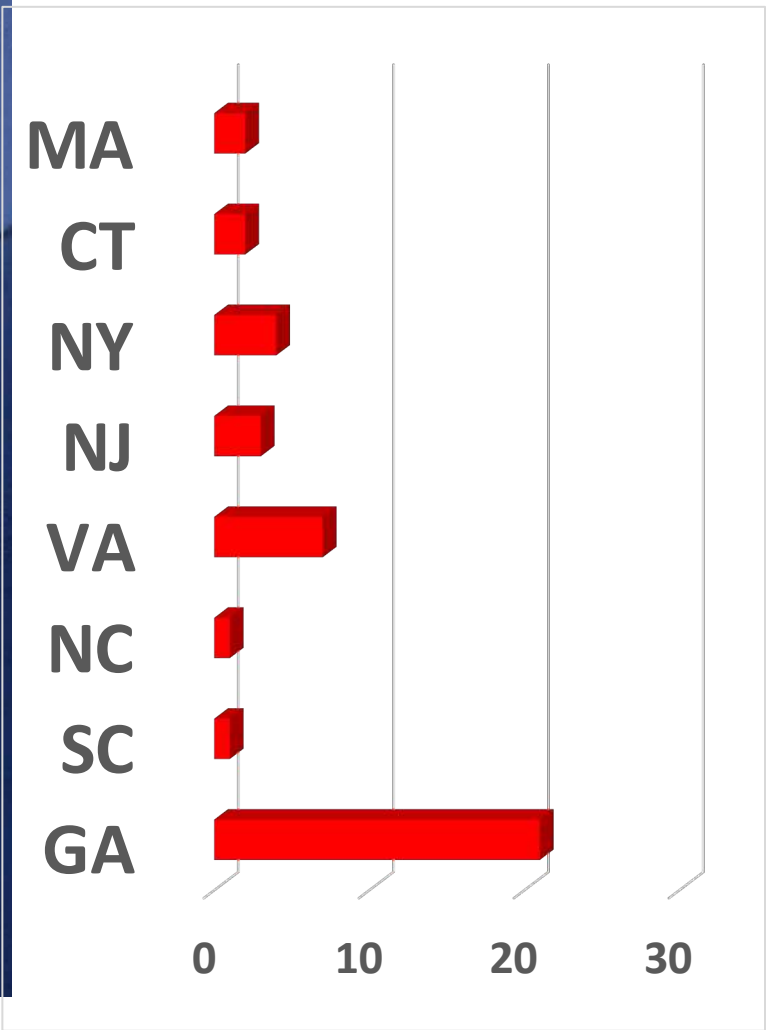


Electric fences for AMOY on CINS

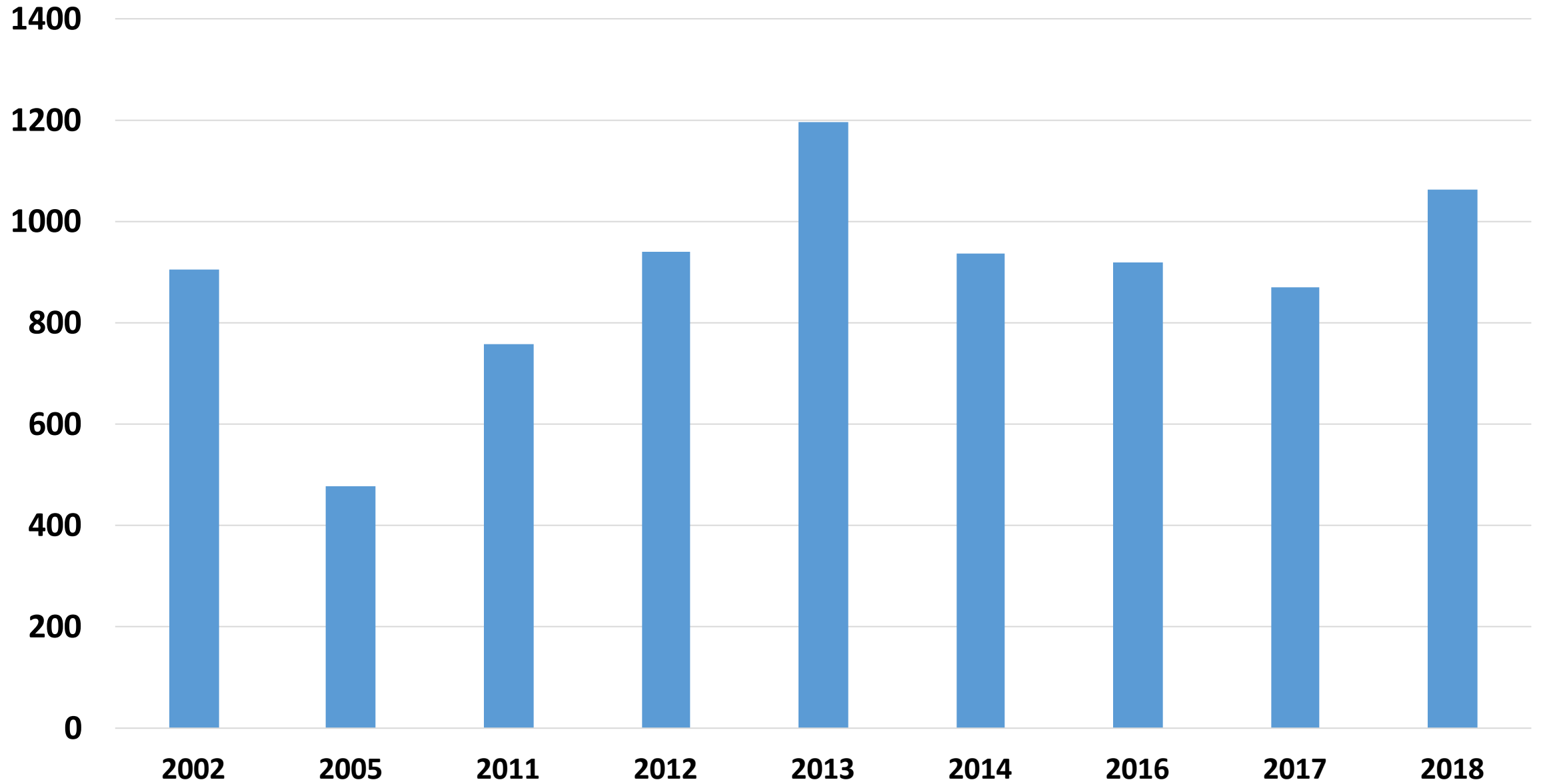


Fort Pulaski Capture (45 AMOY) – 2/14/2017





Winter AMOY - Roost Survey



Cumberland Island

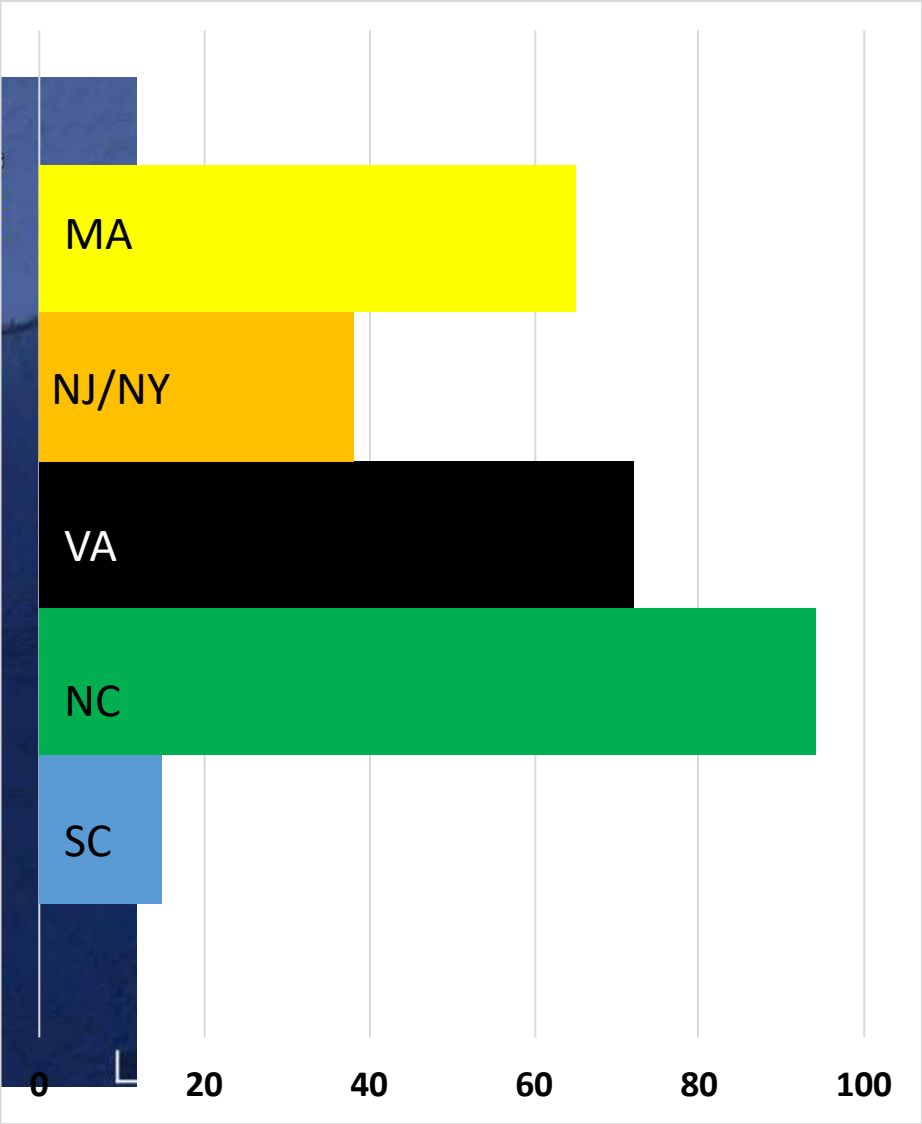
- 6 Pairs, 7 chicks
- Fencing first clutches – try to get chicks before sea turtle.
- Not all fencing electrified.
- 1 pair didn't return to nest within 10 minutes – pulled fence – Opossum repeatedly depredated nest
- Unique setting
 - Tolerant AMOY
 - Daily beach patrols



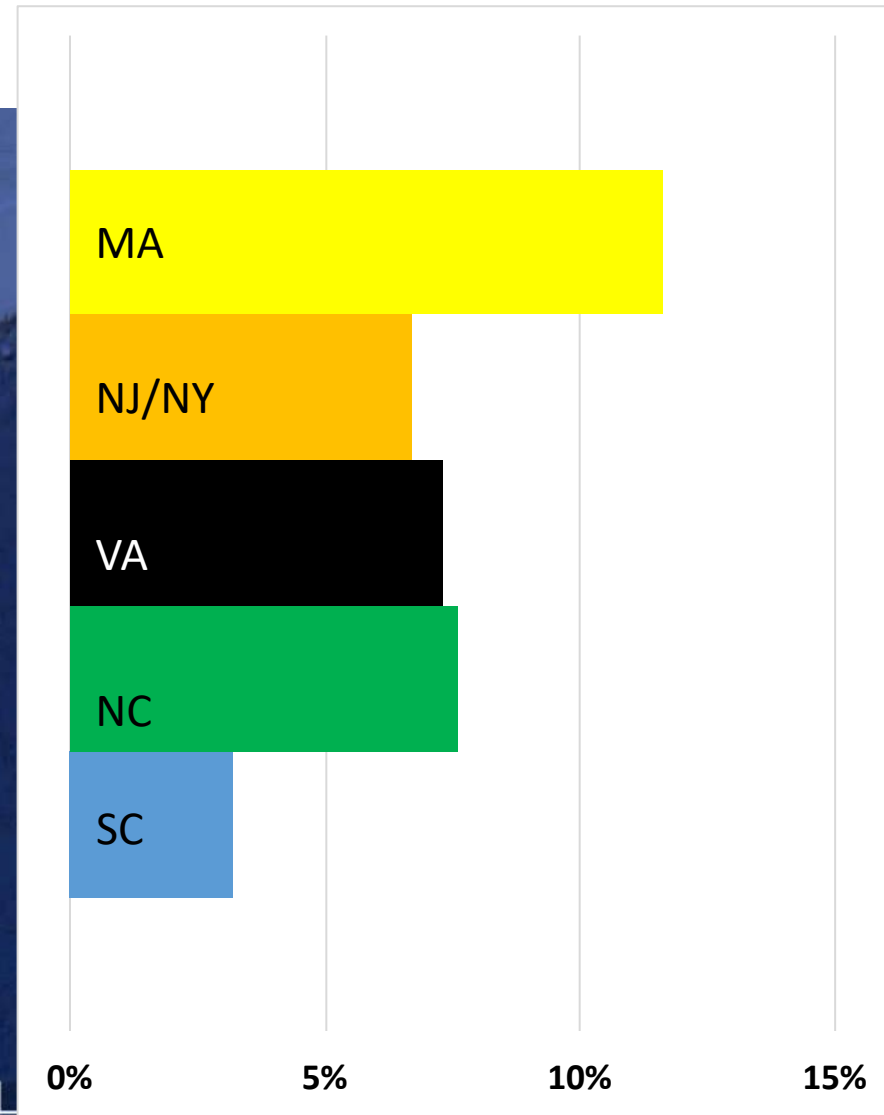
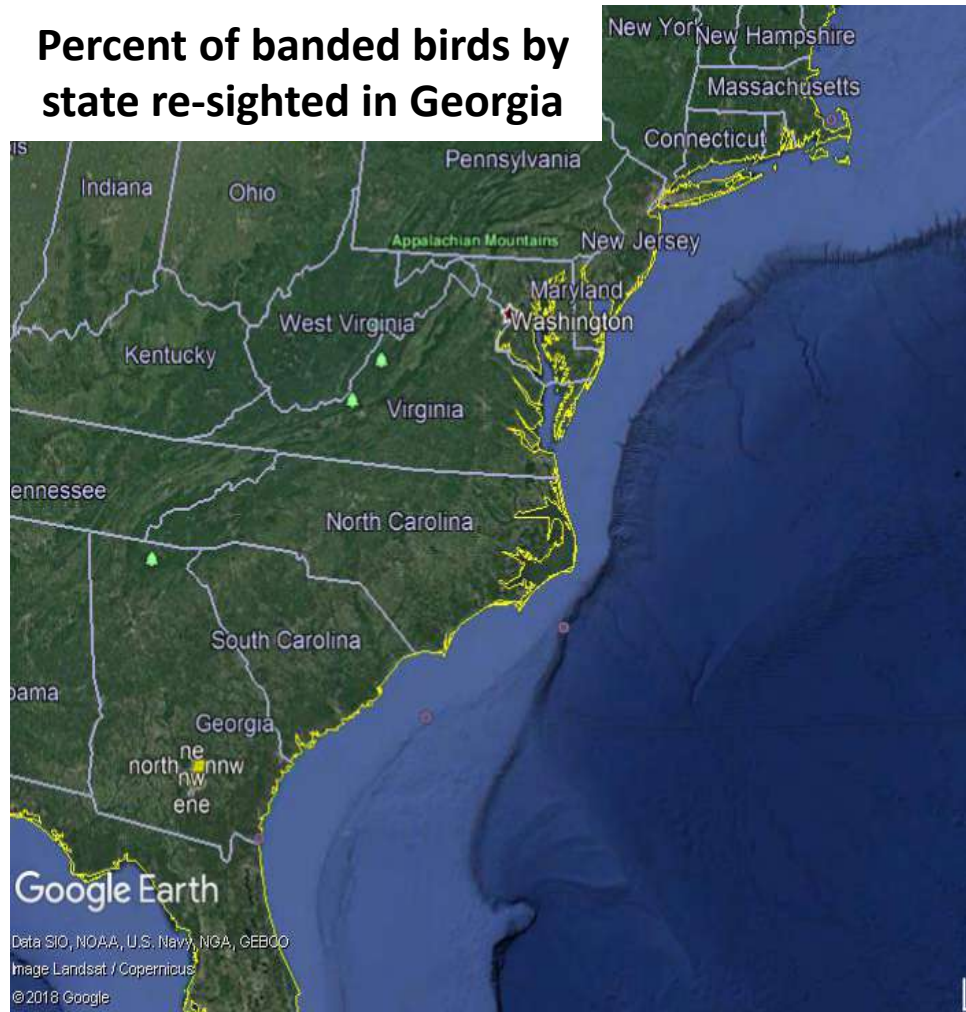
- band resight analysis allows us to estimate the overall annual population 2,231
- immigration, emigration, stopover duration...



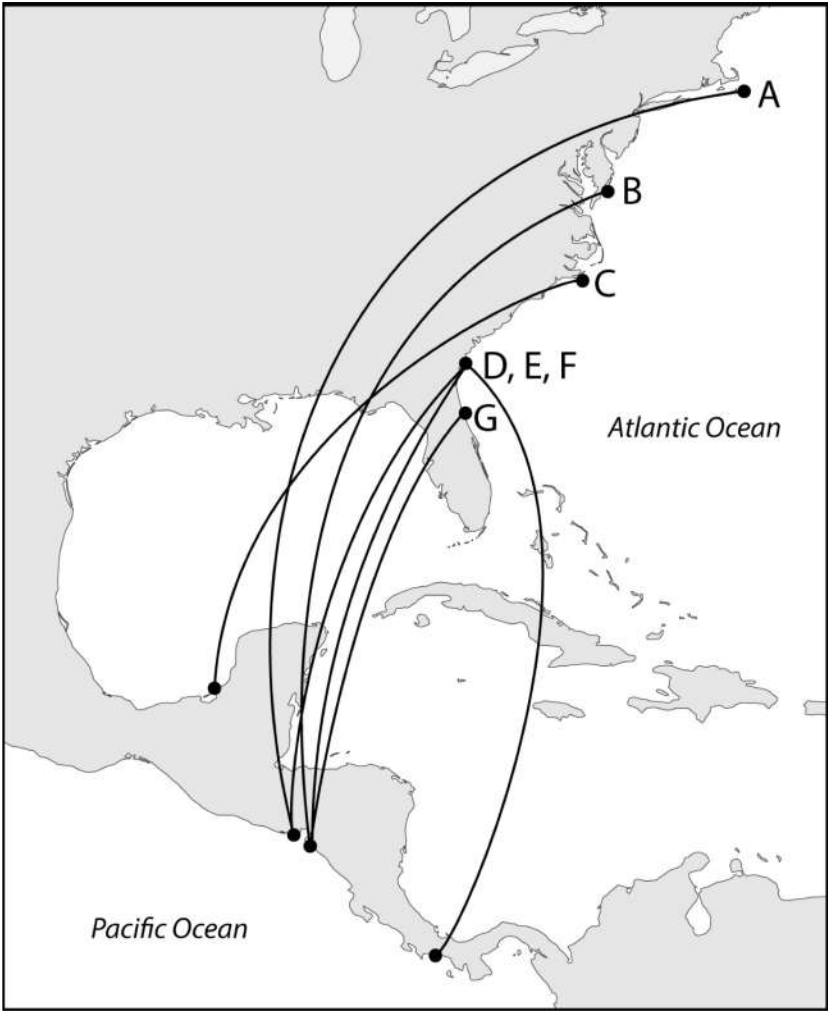
Total resights in Georgia of birds banded out of state



Percent of banded birds by state re-sighted in Georgia



Central American AMOY resights



Si no estoy equivocado, una cara nueva en Punta Condega ayer. Ostrero americano (*Haematopus palliatus*), 19 de enero 2018, Punta Condega, Choluteca, Honduras. Red AK3. — con Lindsay Addison.



Me gusta Comentar Compartir

25

Ver un comentario más

Lindsay Addison Cool AK3 was banded as a chick on Saint Catherine's Island, Georgia, USA on 12 June 2017.

Me gusta Responder Ver traducción 2 d

John van Dort Yesterday also present Green CP, Red47 and Red F61