



Objective 1: Investigate the behaviour of pups around terrain traps

- 1. Deploy GPS loggers on pups x 20
- 2. Set up camera traps around main access points of terrain traps and adjust accordingly to pup movement x 5
- 3. Scan sampling film 5 min videos at different terrain traps
 - Random or targeted (pup close bog edges, pup falls in or already in the bog)



GPS deployments

- Deployment duration: 1 22 Jan 2019 (~2.5 weeks)
- GPS locations recorded every 5 min
- Extreme weather event
 - 11 out of first 15 days rain/showers. Strong winds on most days.
- 15 out of 20 GPS recovered
 - 14 dead (70 % mortality)
 - 1 alive
 - 1 GPS lost on live pup
 - Remaining 4 pups could not be found







Objective 2: Trial terrain trap solutions

- Solutions: moving existing ladders, coir log, hessian sacks, filling up bogs with rocks on site, digging trenches
- Employ solutions after at least 4 days of pup behavioural data collection



- Previously small bog in 2017/18 seaso
- Has grown bigger
- 2018/19: Trench exit + ladder + rocks (previous slide)





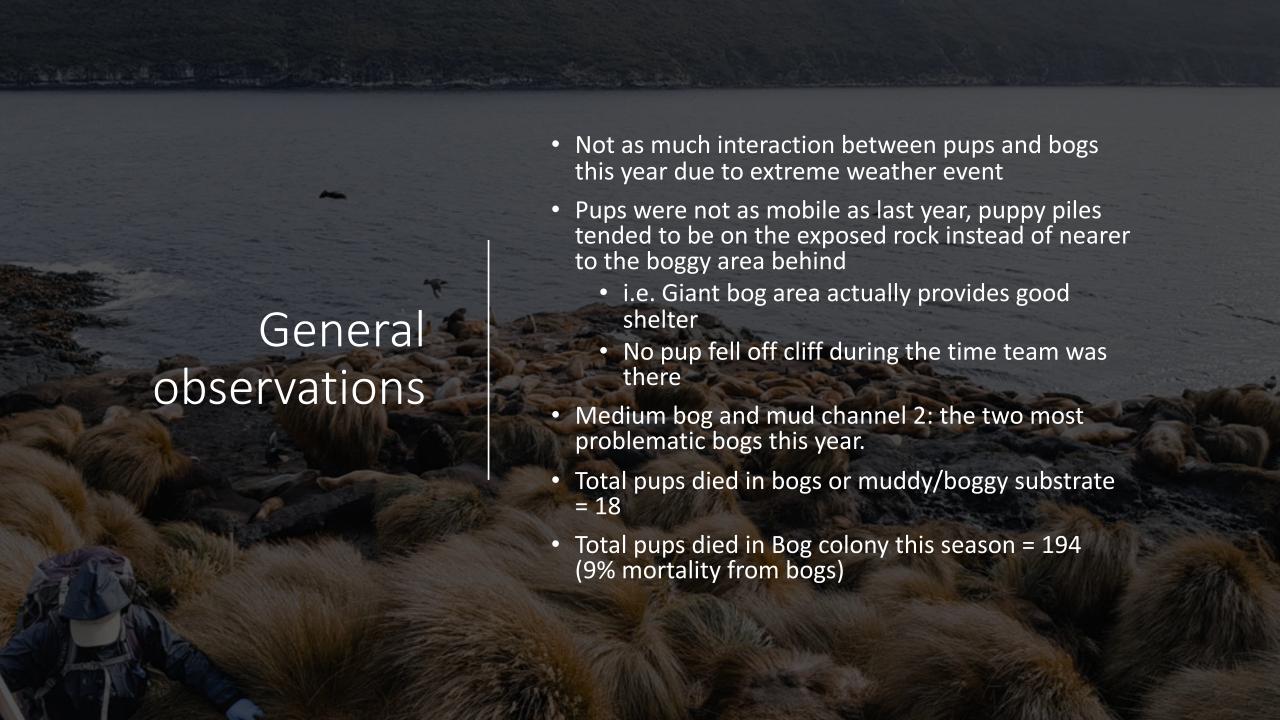












Other observations...

- Seals seem to like sleeping on ladders behind mud pans or resting on coir logs
 - At least in more sheltered areas than mud pan



