



Improving automated acoustic devices for seabird monitoring

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1. Some species are easy to count



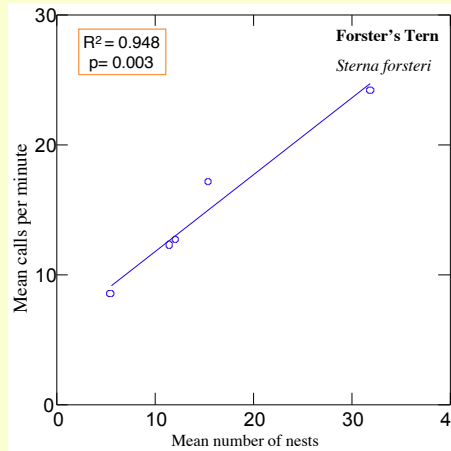
2. Some species aren't



3. ...and some we don't even know how to find

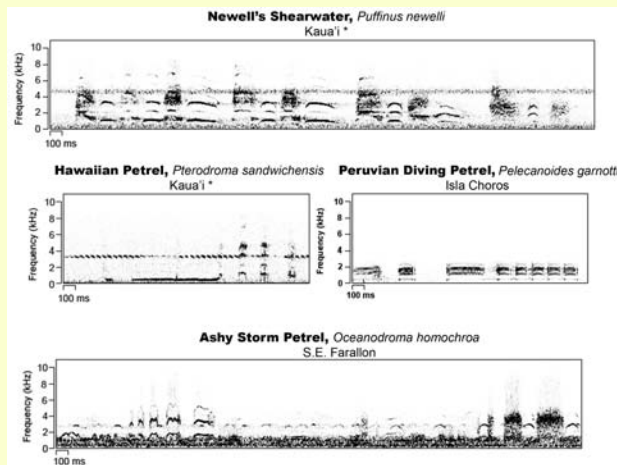


4. Acoustic activity can be used to measure relative abundance



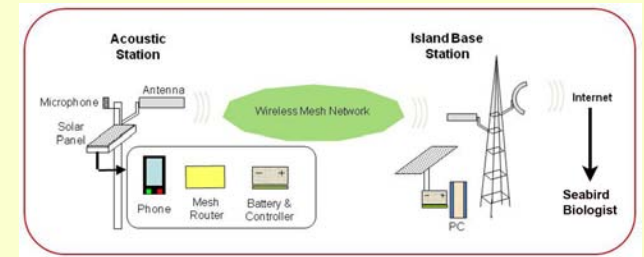
(Borker et al. unpublished data)

5. Acoustic sensors can detect rare & elusive seabirds



* Recordings from Kauai obtained by N. Holmes and T. Joyce, Kauai's Endangered Seabird Recovery Project

6. We need a low-cost device that can telemeter acoustic data from remote locations



7. As a first step, we've developed a cell phone based wireless sensor



8. ...and it works!

