

**From:** [Grant, Colin](#)  
**To:** [Angela Picco](#)  
**Subject:** update to species report  
**Date:** Monday, August 12, 2013 2:10:38 PM  
**Attachments:** [20130812 ASP Species Report.doc](#)

---

Hi Angela,

I just realized that the Farallon islands summary had not been updated with the latest Nur. Info. It is the first paragraph on page 22. I do not anticipate any more changes, but we may want to wait for Gary's comments to come back in this afternoon before forwarding this on.

### ***Summary of Farallon Island Population Trends***

We do not have any comparable colony size data for evaluating population trends before 1992, when standardized mist netting efforts began on SE Farallon Island. The best data available are based on the mist net population index there, and show up and down variation from 1992 to about 2001 (Figure 1, 2). Nur *et al.* 2013 (p. 25) found an average increase in the ashy storm-petrel population index of 22.1 percent per year from 2000–2006, and a mean decrease in the ashy storm-petrel population index on SE Farallon Island of 7.19 percent per year from 2007 to 2012. However, this recent negative trend was not statistically significant and the 7.19 percent value is dependent on the authors' selection of one model as best explaining the ASSP population index trends, using a model-selection approach based on AIC values. However, the selection of that model was not well supported, at least for the purposes of trend analysis, and selecting another model would have yielded a different trend estimate. We conclude that the population is currently experiencing fluctuations due to various factors, including avian predation. After assessing the best available scientific data, we have concluded that there is no consistent long term trend in the species' population nesting on SE Farallon Island.

I have now updated it and attached the new report.

Colin Grant  
Endangered Species Listing Biologist  
Bay-Delta Fish and Wildlife Office  
650 Capitol Mall, Suite 8-300  
Sacramento, CA 95814  
916-930-5651  
[colin\\_grant@fws.gov](mailto:colin_grant@fws.gov)