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Dear Dana

RE: U.S. FISH AND WILDLIFE SERVICE FOREIGN SPECIES STATUS REVIEW for the Scarlet-chested Parrot

I have read the account for the Turquoise Parrot *Neophema pulcherrimus*. It is very thorough. In response to the assessment criteria:

1. Are our descriptions and analyses of the taxonomy, species description, habitat, life history and ecology, historical and current distribution, and population trends for the species accurate? Do we use the best scientific and commercial information available?

Yes. I note only that one reference appears to have been overlooked, that referring to climate change which can be found at <https://www.nccarf.edu.au/content/biblio-1573>. Relevant data can be found in the Appendices of the report, which can be cited as Garnett, S.T., Franklin, D.C., Ehmke, G., VanDerWal, J.J., Hodgson, L., Pavey, C., Reside, A.E., Welbergen, J.A., Butchart, S.H.M., Perkins, G.C. and Williams, S.E. 2013. Climate change adaptation strategies for Australian birds. National Climate Change Adaptation Research Facility, Gold Coast. In summary it suggests that, based on current models, the distribution of climate similar to that currently used by the species could contract to the southern part of its current range by 2085 at current rates of CO2 emissions. There is much uncertainty about this trends given the variability in the existing climate and uncertainties in modelling, but climate change could pose a substantial threat to the species in the next 50 years based on current knowledge, although seems unlikely to cause extinction.

2. Do we provide accurate and adequate review and analysis of the factors affecting the species (habitat loss and modification, overutilization, disease, predation, regulatory mechanisms, and so on)?

Yes

3. Are there any significant oversights, omissions, or inconsistencies in the status review?

Overall this is up-to-date. Note that despite land clearing the reporting rate of the Turquoise Parrot was unchanged between 1979-1981 and 1998-2001. See attached report.

4. Are our conclusions logical and supported by the evidence we provide?

Yes

5. Did we include all necessary and pertinent literature to support our assumptions and conclusions?

See above. Note the page numbers for the account of the species in Garnett and Crowley (2000) is 345.

Yours sincerely



Stephen Garnett
Professor of Conservation and Sustainable Livelihoods