

## **The Critical Role Parrots Play Addressing Global Carbon Crisis**

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Parrots have suffered the highest diversity loss of all birds on our planet at an estimated 59% diversity loss since the advent of the Industrial Revolution (BirdLife International, Olah et al 2016, Parrot Congress 2018). It is clear in the evolutionary history of Order Psittaciformes have adapted to natural climate change events over millions of years' time. Their unique physiological traits often leading to the trend of success despite overwhelming, catastrophic planetary issues causing mass extinctions in the past for other species, including birds. In fact, it is currently theorized and supported we are in our 6th mass extinction event.

The question in debate circles of these facts is whether the incidences we are seeing in loss and climate events, including record-breaking dissolved carbon dioxide in the atmosphere, are natural or anthropogenic. It is felt the use of terms such as: Global Warming, Greenhouse Effect and Climate Change all lead to further debate of existence of an anthropogenic issue vs. ending the debate and discovering solutions to the carbon dioxide issue. This paper proposes to end the debate by the utilization of new nomenclature called Global Carbon Crisis as it clearly separates the anthropogenic nomenclature vs. natural climate nomenclature.

This paper hopes to directly correlate the diversity losses we see in the Order Psittaciformes to the need of addressing anthropogenic factors in carbon dioxide over-production called Global Carbon Crisis.