**Maron Working Group**

**Title:**

Noisy Miners – Trends in reporting rate (1998 – 2012)

**Abstract:**

Results of analysis of trends in reporting rate (proportion of surveys in which the species was detected) based on Birdlife Australia Atlas data according to IBRA Bioregion between 1998-2012.

* **(Data related to “PAPER” published by the Group – How do we reference this in Metadata ??**

**Keywords:**

Ecology

Ecosystem disruption, interspecific competition, keystone species, landscape

modification, phase shift, strong interactor

**Owner:** (*The person or organisation who is credited with creating the data)*

Dr Martine Maron

University of Queensland

**Contact:**

Dr Martine Maron

University of Queensland

**Associated parties:** (*these are people or organisations that are in some way responsible for the data. They may have assisted in collection of or maintenance of the data or they may have created documentation for the data.)*

***Q? - Guru, do we reference the other contributors to the “Paper” lead by Martine that this data was derived from?***

Base data that the “Synthesised Data” has come from is “Atlas of Australia” and IBRA v 7.0

*Metadata link*

[*http://www.environment.gov.au/metadataexplorer/full\_metadata.jsp?docId=%7B573FA186-1997-4F8B-BCF8-58B5876A156B%7D*](http://www.environment.gov.au/metadataexplorer/full_metadata.jsp?docId=%7B573FA186-1997-4F8B-BCF8-58B5876A156B%7D)

**Resource constraints:**

**Access constraints:**

Data to be available in the Public Domain under Creative Commons by Attribution Licensing Agreement. More information can be found here: http://creativecommons.org/licenses/by/3.0/au/deed.en

**Limitations of use:**

Users must attribute the Australian Government Department of the Environment as the data provider.

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**Intended usage rights of the data package:**

* *What needs to be signed by “Martine” for Data to be available under CC-BY for download and use? (SA 24/3)*

**Describe the geographic region covered by your data**:

Extent type: Full extent in decimal degrees

Extent contains the resource: Yes

West longitude: 137.772

East longitude: 153.727

North latitude: -15.130

South latitude: -43.590

**Enter the information about the temporal coverage:**

*1998 – 2012*

**Taxonomic coverage:** (*information on species and Genus.)*

*Manorina melanocephala*

**Methods used:** (*describe the methods used for collecting the information.)*

The dataset was collated comprising 2,488 sites across eastern Australia and used to test the key relationships in the conceptual models. Presence data from 51,980 sites in 37 IBRA bioregions from the Birdlife Australia Atlas dataset to estimate overall and bioregion-specific trends in noisy miner reporting rates between 1998-2012.

**Data quality report - Attribute accuracy:** (Extra sub section ?)

Attributes from “Noisy Miner Modelling”

LOWER -Lower 95% confidence interval for the value of the posterior distribution for the coefficient of the effect of time;

MEDIAN - Median value of the posterior distribution for the coefficient of the effect of time on odds of NM presence;

UPPER - Upper 95% confidence interval for the value of the posterior distribution for the coefficient of the effect of time;

PTREND - the posterior probability that the trend in noisy miner occurrence over time is positive;

PEDGE - The posterior probability that the effect of edge on noisy miner occurrence is positive;

PINT - The posterior probability of a positive interaction between distance from edge and time (i.e. the temporal trend varies with distance from edge); PROP\_ODSS - the temporal trend expressed as annual % change in odds of NM presence (in a single visit to a random site)

Attributes from IBRA subregions v 7.0

SUB\_CODE\_7 – Alphabetic identifier for the IBRA sub-region;

SUB\_NAME\_7 - The full name of the IBRA sub-region;

REG\_CODE\_7 – Alphabetic identifier for the IBRA region;

REG\_NAME\_7 - The full name of the IBRA region;

AREA – Area in Metres;

HECTARES – Area in Hectares;

SQ\_KM – Square Kilometres;

REC\_ID – Numeric identifier for the IBRA region;

SUB\_CODE\_6 – Alphabetic identifier of the previous IBRA6.1 sub-region; SUB\_NAME\_6 - The full name of the previous IBRA6.1 sub-region;

REG\_CODE\_6 – Alphabetic identifier of the previous IBRA6.1 region; REG\_NAME\_6 - The full name of the previous IBRA6.1 region;

REG\_NO\_61 – Numeric identifier of the previous IBRA6.1 region;

STATE - Abbreviation of State or Territory