
Supplementary material

Can island specialists succeed as urban pioneers? Pied imperial-pigeons provide a case study

Julia Hazel and Brian L. VENABLES

^ACollege of Science and Engineering, James Cook University, Townsville, Qld 4811, Australia.

^BTropical Water and Aquatic Ecosystem Research, James Cook University, Townsville, Qld 4811, Australia.

^C527 McCormack Street, Cairns, Qld 4870, Australia.

^DCorresponding author. Email: Julia.Hazel@jcu.edu.au

Table S1. Avian species known and suspected to cause mortality of pied imperial-pigeons nesting at an urban nesting aggregation in Queensland, Australia

Relevant species were identified through personal observations of the authors and study volunteers and additional local bird observers

Common name	Scientific name
Australian (nankeen) kestrel	<i>Falco cenchroides</i>
Black butcherbird	<i>Cracticus quoyi</i>
Blue-winged kookaburra	<i>Dacelo leachii</i>
Brahminy kite	<i>Haliastur indus</i>
Brown goshawk	<i>Accipiter fasciatus</i>
Grey goshawk	<i>Accipiter novaehollandiae</i>
Helmeted friarbird	<i>Philemon buceroides</i>
Laughing kookaburra	<i>Dacelo novaeguineae</i>
Pacific baza	<i>Aviceda subcristata</i>
Peregrine falcon	<i>Falco peregrinus</i>
Rufous night-heron	<i>Nycticorax caledonicus</i>
Rufous owl	<i>Ninox rufa</i>
White-bellied sea-eagle	<i>Haliaeetus leucogaster</i>

PIP/TIP Nest Form

Please record as much detail as possible, * essential

Observer Name *

Observer Email *

Nest-ID *

Initials and number, use same ID for follow-up reports of the same nest

Observation Date *

State/Territory *

☐ QLD ☐ NSW ☐ NT
☐ WA ☐ Other

Nest Location *

Geographic location e.g. park/reserve, suburb and town or distance from nearest town. Include State if you selected 'Other' above.

Lat

Decimal degrees e.g. -16.345

Lon

Decimal degrees e.g. 145.567

[Help for Lat/Lon](#)

Nesting Stage *

☐ PIP observed building this nest ☐ PIP sitting in this nest as if brooding
☐ PIP tending juvenile in / close to this nest ☐ Juvenile PIP alone in / close to this nest
☐ No PIP visible at this nest
☐ Other - explain below please

Details PLEASE

PIP behavior, tree species, surrounding habitat, nest details etc

Photo?

Email photo to admin@pipwatch.net - include Nest ID and date please

☐ No ☐ Yes

Follow-up obs (if possible) are very important PLEASE *

☐ Yes, Intend to check this nest again
☐ Final - do not intend to check again

If applicable describe final outcome: uncertain? success? failure? cause of failure?

Fig S1. Copy of online form used for reporting nest observations.



Fig S2. This pied imperial-pigeon nest was one of many in the novel urban colony that typically consisted of a small platform of twigs placed high in the leafy canopy of a street tree.