Risk Assessment

The following risk assessment determines the risk of ROSE CROWNED CONURE (*Pyrrhurra rhodocephala)* to Tasmania using the Bomford Model (2008) and proposes assigned threat categories and import classifications for the species.

Species:	**ROSE CROWNED CONURE** (*Pyrrhurra rhodocephala*)	
Date of Assessment:	3/12/18	
Literature search type and date:	• https://en.wikipedia.org/wiki/Rose-crowned_parakeet Accessed on 30/11/18 • https://www.iucnredlist.org/species/22685877/93090758 Accessed on 3/12/18 • https://www.beautyofbirds.com/rosecrownedconures.html Accessed on 30/11/18 • Google Earth Pro used to determine approximate home range • Supplied species profile	
Factor	**Score**	**Comment**
A1. Risk posed from individual escapees (0-2)	0	*All other animals posing a lower risk of harm to people (i.e. animals that will not make unprovoked attacks causing injury requiring medical attention, and which, even if cornered or handled, are unlikely to cause injury requiring hospitalisation) (A1 = 0).*
A2. Risk to public safety from individual captive animals (0-2)	0	*Nil or low risk (highly unlikely or not possible) (A2 = 0).*
Stage A. Risk posed by individual animals (risk that a captive or escape animal would harm people)	**Public Safety Risk Score** = A1 + A2 = 0	**Public Safety Risk Ranking** A ≥ 2, Highly Dangerous A = 1, Moderately Dangerous A = 0, Not Dangerous
B1. Climate match score (1-6)	2	*Number of weather stations is <12.*
B2. Exotic population established overseas score (0-4)	0	*No exotic populations have been established*
B3. Overseas range size score (0-2)	0	*Home range in Venezuela is approximately 10,000km² (Less than 1 million km²)*
B4. Taxonomic class score (0-1)	0	*Bird (B4 = 0)*
Stage B. Likelihood of establishment (risk that a particular species will establish a wild population in Tasmania)	**Establishment Risk Score** = B1 + B2 + B3 + B4 = 1	**Establishment Risk Ranking** B = 11-13, Extreme B = 9-10, High B = 6-8, Moderate B ≤ 5, Low

		= Low
C1. Taxonomic group (0-4)	2	*Birds in one of the orders or families that are particularly prone to causing agricultural damage (Psittaciformes, Fringillidae, Ploceidae, Sturnidae, Anatidae, and Corvidae) (C1 = 2).*
C2. Overseas range size (0-2)	0	*Home range in Venezuela is approximately 10,000km^2. Less than 10 million square kilometres (C2 = 0).*
C3. Diet and feeding (0-3)	0	*Little is known of the diet of the rose-crowned conure, though it is suspected to eat berries, seeds, fruits and flowers (Parr and Juniper 2010, World Parrot Trust).* *Other herbivorous mammal or not a mammal (C3 = 0).*
C4. Competition for native fauna for tree hollows (0-2)	2	*Can nest or shelter in tree hollows (C4 = 2).*
C5. Overseas environmental pest status (0-3)	0	*Never reported as an environmental pest in any country or region (C5 = 0).*
C6. Climate match to areas with susceptible native species or communities (0-5)	0	*No overlap in highest 6 climate match classes. Note: no offset/ accounting for low number of weather stations/ uncertainty.*
C7. Overseas primary production (0-3)	0	*No established populations nor pest issues within its range/ No reports of damage*
C8. Climate match to susceptible primary production (0-5)	0	*No matches within the eight highest classes. No overlap in highest 6 climate match classes. Note: no offset/ accounting for low number of weather stations/ uncertainty.*
C9. Spread disease (1-2)	2	*All birds = 2*
C10. Harm to property (0-3)	0	*< $100,000 (C10 = 0)*
C11. Harm to people (0-5)	0	*Negligible risk (C11 = 0).*
Stage C. Quantitative Consequence Assessment	**Consequence Risk Score** = sum of C1 to C11 = 6	**Consequence Risk Ranking** C > 19, Extreme C = 15-19, High C = 9-14, Moderate C < 9, Low = **LOW**

Appendices

APPENDIX A: CALCULATING TOTAL COMMODITY DAMAGE SCORE

Column 1	Column 2	Column 3	Column 4	Column 5
Industry	**Commodity Value Index (CVI)**	**Potential Commodity Impact Score (PCIS, 0-3)**	**Climate Match to Commodity Score (CMCS, 0-5)**	**Commodity Damage Score (CDS columns 2 x 3 x 4)**
Cattle (includes dairy and beef)	**11**	N/A		
Timber (includes native and plantation forests)	**10**	N/A		
Aquaculture	**6**	N/A		
Sheep (includes wool and meat)	**5**	N/A		
Vegetables	**5**	N/A		
Fruit (includes wine grapes)	**5**	N/A		
Poultry (including eggs)	**1.5**	N/A		
Cereal grain (includes wheat, barley, sorghum etc)	**1**	N/A		
Other crops and horticulture (includes nuts and flowers)	**1**	N/A		
Pigs	**1**	N/A		
Bees (includes honey, beeswax, and pollination)	**0.5**	N/A		
Oilseeds (includes canola, sunflower etc)	**0.5**	N/A		
Grain legumes (includes soybeans)	**0.3**	N/A		
Other livestock (includes goats and deer)	**0.3**	N/A		
Total Commodity Damage Score (TCDS)				

APPENDIX B: ASSIGNING SPECIES TO THREAT CATEGORIES

A: Danger posed by individual animals (risk a captive or escaped individual would harm people)	**B: Likelihood of establishment** (risk that a particular species will establish a wild population in Tasmania)	**C: Consequence of establishment** (risk that an established population would cause harm)	**Threat category**	**Implications for any proposed import into Tasmania**
Highly, Moderately or Not Dangerous	Extreme	Extreme	Extreme	Prohibited
Highly, Moderately or Not Dangerous	Extreme	High		
Highly, Moderately or Not Dangerous	Extreme	Moderate		
Highly, Moderately or Not Dangerous	Extreme	Low		
Highly, Moderately or Not Dangerous	High	Extreme		
Highly, Moderately or Not Dangerous	High	High		
Highly, Moderately or Not Dangerous	Moderate	Extreme		
Highly, Moderately or Not Dangerous	High	Moderate	Serious	Import restricted to those licence holders approved for keeping serious threat species
Highly, Moderately or Not Dangerous	High	Low		
Highly, Moderately or Not Dangerous	Moderate	High		
Highly Dangerous	Moderate	Moderate		
Highly Dangerous	Moderate	Low		
Highly, Moderately or Not Dangerous	Low	Extreme		
Highly, Moderately or Not Dangerous	Low	High		
Highly Dangerous	Low	Moderate		
Highly Dangerous	Low	Low		
Moderately or Not Dangerous	Moderate	Moderate	Moderate	Import restricted to those licence holders approved for keeping moderate threat species
Moderately or Not Dangerous	Moderate	Low		
Moderately or Not Dangerous	Low	Moderate		
Moderately Dangerous	Low	Low		
Not Dangerous	Low	Low	Low	Import permitted
Unknown	Any value	Any value	Extreme until proven otherwise	Prohibited
Any Value	Unknown	Any value		
Any Value	Any value	Unknown		
Unassessed	Unassessed	Unassessed		