Risk Assessment

The following risk assessment determines the risk of __**Red handed tamarin**_____ to Tasmania using the Bomford model (2008) and proposes assigned threat categories and import classifications for the species.

Species:	**Red handed tamarin, *Saguinus midas***	
Date of Assessment:	31 August 2022	
Literature search type and date:	Species profile, NRE library literature search & web	
Factor	**Score**	
A1. Risk posed from individual escapees (0-2)	1	The animal can make unprovoked attacks causing moderate injury (requiring medical attention) or severe discomfort but is highly unlikely (few if any records) to cause serious injury (requiring hospitalisation) if unprovoked OR the animal is unlikely to make an unprovoked attack but can cause serious injury (requiring hospitalisation) or fatality if cornered or handled.
A2. Risk to public safety from individual captive animals (0-2)	0	Nil or low risk (highly unlikely or not possible)
Stage A. Risk posed by individual animals (risk that a captive or escape animal would harm people)	**Public Safety Risk Score** = A1 + A2 =1	**Public Safety Risk Ranking** A ≥ 2, Highly Dangerous A = 1, Moderately Dangerous A = 0, Not Dangerous =Moderately Dangerous
B1. Climate match score (1-6)	1	No cells in the top 5 score (<6)
B2. Exotic population established overseas score (0-4)	0	No exotic populations have been established
B3. Overseas range size score (0-2)	0	993,859km^2 (Less than 1 million km^2)
B4. Taxonomic class score (0-1)	1	Mammal
Stage B. Likelihood of establishment (risk that a particular species will establish a wild population in Tasmania)	**Establishment Risk Score** = B1 + B2 + B3 + B4 =2	**Establishment Risk Ranking** B = 11-13, Extreme B = 9-10, High B = 6-8, Moderate B ≤ 5, Low = Low
C1. Taxonomic group (0-4)	0	Other group/family outside of the ones identified.
C2. Overseas range size (0-2)	0	Less than 10 million km^2

C3. Diet and feeding (0-3)	0	Other herbivorous mammal
C4. Competition for native fauna for tree hollows (0-2)	0	Does not use tree hollows
C5. Overseas environmental pest status (0-3)	0	No reports
C6. Climate match to areas with susceptible native species or communities (0-5)	0	The species has no grid squares within the highest six climate match classes (i.e. 10 to 5) that overlap the distribution of any susceptible native species or ecological communities
C7. Overseas primary production (0-3)	0	Never reported as an environmental pest in any country or region
C8. Climate match to susceptible primary production (0-5)	0	
C9. Spread disease (1-2)	2	Mammal
C10. Harm to property (0-3)	0	Nil
C11. Harm to people (0-5)	1	Low risk of harm to people
Stage C. Consequence of Establishment (risk that an established population would cause harm)	**Consequence Risk Score** = sum of C1 to C11 =3	**Consequence Risk Ranking** C > 19, Extreme C = 15-19, High C = 9-14, Moderate C < 9, Low =Low
ASSIGNED THREAT CATEGORY:	**EXTREME** **SERIOUS** **MODERATE** **LOW** **EXTREME UNTIL PROVEN OTHERWISE**	
PROPOSED IMPORT CLASSIFICATION:	**PROHIBITED** **IMPORT RESTRICTED TO THOSE LICENCE HOLDERS APPROVED FOR KEEPING SERIOUS THREAT SPECIES** **IMPORT RESTRICTED TO THOSE LICENCE HOLDERS APPROVED FOR KEEPING MODERATE THREAT SPECIES** **IMPORT PERMITTED**	

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**	0	0	0
Timber (includes native and plantation forests)	**10**	0	0	0
Aquaculture	**6**	0	0	0
Sheep (includes wool and meat)	**5**	0	0	0
Vegetables	**5**	0	0	0
Fruit (includes wine grapes)	**5**	1	0	0
Poultry (including eggs)	**1.5**	0	0	0
Cereal grain (includes wheat, barley, sorghum etc)	**1**	0	0	0
Other crops and horticulture (includes nuts and flowers)	**1**	1	0	0
Pigs	**1**	0	0	0
Bees (includes honey, beeswax, and pollination)	**0.5**	0	0	0
Oilseeds (includes canola, sunflower etc)	**0.5**	1	0	0
Grain legumes (includes soybeans)	**0.3**	0	0	0
Other livestock (includes goats and deer)	**0.3**	0	0	0
Total Commodity Damage Score (TCDS)				0

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		