



# Red List Criteria & the Criteria Summary Sheet



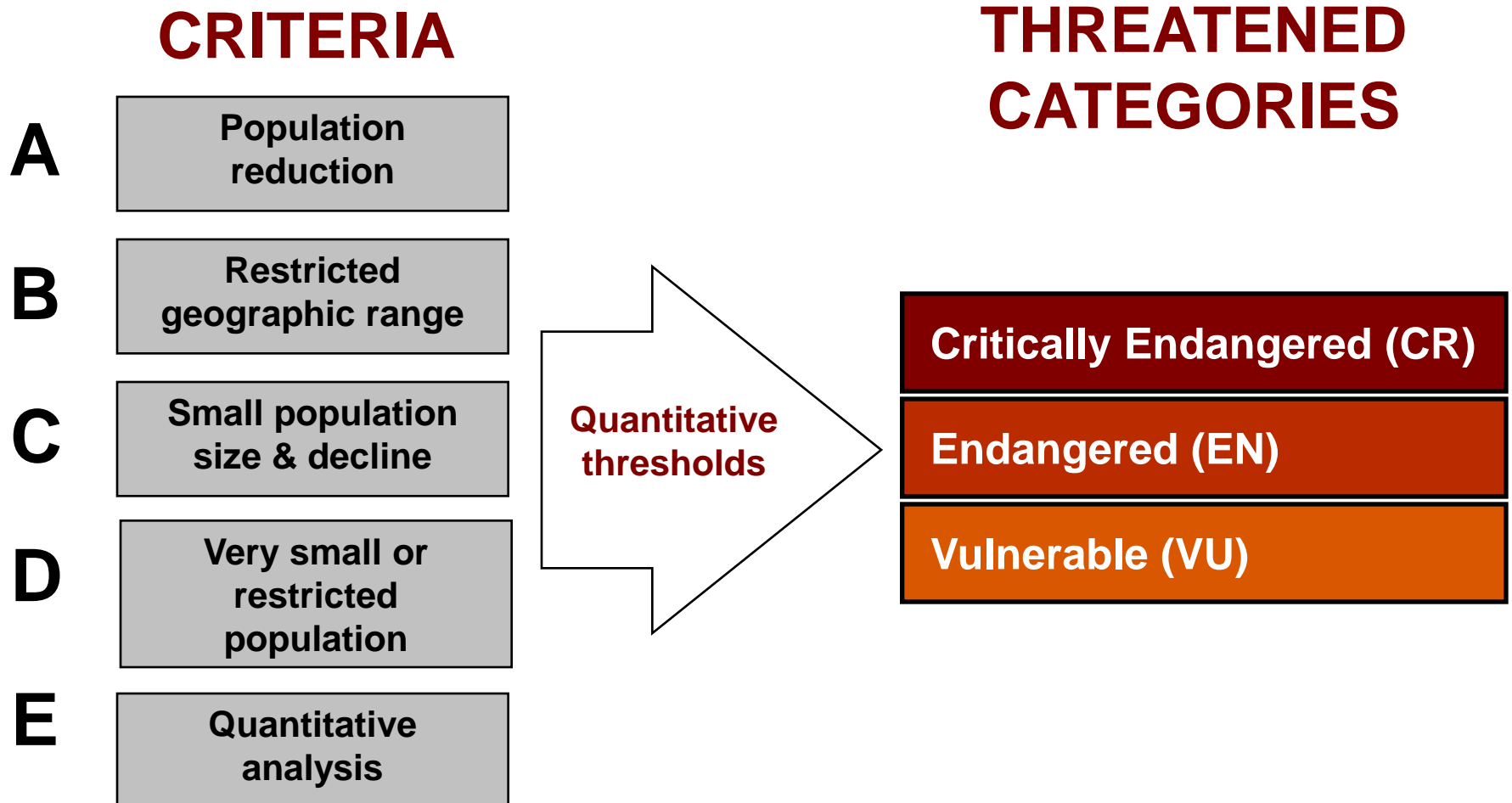
Rabb's Fringe-limbed Treefrog  
*Ecnomiohyla rabborum*

Category: Critically Endangered

**CR** | **A2ace;B1ab(iii)**

Criteria & subcriteria

# Nature of the Criteria



# Why use multiple criteria?

Not all the criteria are appropriate to all taxa.

- **All taxa being assessed must be evaluated against each criterion.**
- **Meeting **any one** of the criteria qualifies a taxon for listing at that level of threat**
- **All criteria met at the **highest level of threat** should be listed.**



SUMMARY OF THE FIVE CRITERIA (A-E) USED TO EVALUATE IF A TAXON BELONGS IN AN IUCN RED LIST THREATENED CATEGORY (CRITICALLY ENDANGERED, ENDANGERED OR VULNERABLE).<sup>1</sup>

A. Population size reduction. Population reduction (measured over the longer of 10 years or 3 generations) based on any of the following:	Critically Endangered	Endangered	Vulnerable
<b>A1</b>	> 90%	> 70%	> 50%
<b>A2, A3 &amp; A4</b>	≥ 80%	≥ 50%	≥ 30%
<b>A1</b> Population reduction observed, estimated, inferred, or suspected in the past where the causes of the reduction are clearly understood AND have ceased.	suspected in the past where the causes of reduction may not have been understood OR may not be reversible.	(a) direct observation [except A3]	(a) direct observation [except A3]
<b>A2</b> Population reduction observed, estimated, inferred, or suspected in the past where the causes of reduction may not have been understood OR may not be reversible.		(b) an index of abundance appropriate to the taxon	(b) an index of abundance appropriate to the taxon
<b>A3</b> Population reduction projected, inferred or suspected to be met in the future (up to a maximum of 100 years) [(a) cannot be used for A3].		(c) a decline in area of occupancy (AOO), extent of occurrence (EOO) and/or habitat quality	(c) a decline in area of occupancy (AOO), extent of occurrence (EOO) and/or habitat quality
<b>A4</b> An observed, estimated, inferred, projected or suspected population reduction where the time period must include both the past and the future (up to a max. of 100 years in future), and where the causes of reduction may not have ceased OR may not be understood OR may not be reversible.		(d) actual or potential levels of exploitation	(d) actual or potential levels of exploitation
		(e) effects of introduced taxa, hybridization, pathogens, pollutants, competitors or parasites	(e) effects of introduced taxa, hybridization, pathogens, pollutants, competitors or parasites
B. Geographic range in the form of extent of occurrence (EOO) and/or area of occupancy (AOO)	Critically Endangered	Endangered	Vulnerable
<b>B1. Extent of occurrence (EOO)</b>	< 100 km <sup>2</sup>	< 5,000 km <sup>2</sup>	< 20,000 km <sup>2</sup>
<b>B2. Area of occupancy (AOO)</b>	< 10 km <sup>2</sup>	< 500 km <sup>2</sup>	< 2,000 km <sup>2</sup>
<b>AND at least 2 of the following 3 conditions:</b>			
(a) Severely fragmented OR Number of locations	= 1	≤ 5	≤ 10
(b) Continuing decline observed, estimated, inferred or projected in any of: (i) extent of occurrence; (ii) area of occupancy; (iii) area, extent and/or quality of habitat; (iv) number of locations or subpopulations; (v) number of mature individuals			
(c) Extreme fluctuations in any of: (i) extent of occurrence; (ii) area of occupancy; (iii) number of locations or subpopulations; (iv) number of mature individuals			
C. Small population size and decline	Critically Endangered	Endangered	Vulnerable
<b>Number of mature individuals</b>	< 250	< 2,500	< 10,000
<b>AND at least one of C1 or C2</b>			
<b>C1. An observed, estimated or projected continuing decline of at least (up to a max. of 100 years in future):</b>	25% in 3 years or 1 generation (whichever is longer)	20% in 5 years or 2 generations (whichever is longer)	10% in 10 years or 3 generations (whichever is longer)
<b>C2. An observed, estimated, projected or inferred continuing decline AND at least 1 of the following 3 conditions:</b>			
(a) (i) Number of mature individuals in each subpopulation	≤ 50	≤ 250	≤ 1,000
(ii) % of mature individuals in one subpopulation =	90–100%	95–100%	100%
(b) Extreme fluctuations in the number of mature individuals			
D. Very small or restricted population	Critically Endangered	Endangered	Vulnerable
<b>D. Number of mature individuals</b>	< 50	< 250	1. < 1,000
<b>D2. Only applies to the VU category</b> Restricted area of occupancy or number of locations with a plausible future threat that could drive the taxon to CR or EX in a very short time.	-	-	2. typically: AOO < 20 km <sup>2</sup> or number of locations ≤ 5
E. Probability of extinction in the wild	Critically Endangered	Endangered	Vulnerable
<b>Indicating the probability of extinction in the wild to be:</b>	≥ 50% in 10 years or 3 generations, whichever is longer (100 years max.)	≥ 20% in 20 years or 5 generations, whichever is longer (100 years max.)	≥ 10% in 100 years