Yellow-rumped Warbler (Audubon's) (*Setophaga coronata auduboni*) Conservation Status Rank Summary

November 5, 2025

For details on assessment and ranking methodology, see: *Conservation Status Assessment Definitions, Process, Rank Factors, and Calculation of State Ranks for Montana Species*

Rarity and Trends

Rank Factor	Date Assessed	Value	Score	Data Source	Comments
Rarity					
Range Extent	2025-01-29	S: 354386.4 km²	4.710	MTNHP Range Maps	None
Area of Occupancy	2025-01-29	26447 | 4km² cells	5.500	MTNHP Modeling	None
Number of Occurrences			-		Factor not used in ranking.
Population Size			-		Factor not used in ranking.
# of Occurrences in Good Condition			-		Factor not used in ranking.
% of Area Occupied in Good Condition			-		Factor not used in ranking.
Environmental Specificity	2025-01-29	Broad	-		Factor not used in ranking.
Rarity is calculated by averaging weighted factor scores: **((4.71 × 1) + (5.50 × 2)) / 3 = 5.24**					
Trends					
Short-term Trend	2023-12-20	[-2.4, 3.1%]	0.000	IMBCR	IMBCR trend in population estimates for Montana. "- 95% CI"
Long-term Trend	2025-01-29		0.000	Expert Opinion	Habitat has likely been stable since European arrival.
Trends score is calculated by summing weighted short and long-term trend scores: **((0.00 × 2) + (0.00 × 1)) = 0.00**					

Threats

Rank Factor	Date Assessed	Value	Score	Data Source	Comments
Threats					
Overall Threat Impact		Low/No Threats	5.500		None
Intrinsic Vulnerability	2025-01-29	Not intrinsically vulnerable	-		**Factor not used in ranking.**
Threat score is calculated from Overall Threat Impact when available or Intrinsic Vulnerability if not: **(5.50) = 5.50**					

Individual Threats Data

Threat Category	Date Assessed	Impact Score	Scope	Severity	Immediacy	Comments
No individual threats data used in this rank						

Conservation Status Rank Calculation

Raw score

Rarity: (5.24 × 70%) + Threats: (5.50 × 30%) + Trends: (0.00) = 5.32

Calculated Rank: S5

Accepted Rank	S5B
Date Approved	2025-11-05
Approval Authority	MTNHP Staff
Rank Justification	Species is relatively common within suitable habitat and widely distributed across portions of the state.

Supplementary Information

Montana Natural Heritage Program. 2021. Conservation Status Assessment Definitions, Process, Rank Factors, and Calculation of State Ranks for Montana Species. 18 p.
https://mtnhp.mt.gov/docs/Montana_State_Rank_Criteria_20211201.pdf

Montana Field Guide Species Account:
https://fieldguide.mt.gov/speciesDetail.aspx?elcode=ABPBX03061

Predicted Suitable Habitat Model:
https://mtnhp.mt.gov/resources/models/?elcode=ABPBX03061

Additional Threat Details

The table below contains the complete threats assessment for this species. While the Conservation Status Rank Calculation is based on cumulative, broadly categorized (Level 1) threats data, threats are assessed and tracked for more specifically categorized (Level 2) threats when available.

Threat Category	Date Assessed	Assessed By	Data Source	Scope	Severity	Imme-diacy	Comments
No threats data available for this species							