

Washington Invasive Ranking System

Washington Natural Heritage Program

Chondrilla juncea (Rush Skeletonweed)

Assessed by

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18 December 2023 (WIRS Version 1.5)

Ecological Impact Rank: **High** (77)

Confidence: **Low** (25)

Management Difficulty Rank: Moderate (68)

Confidence: Moderate (60)

Biological Characteristics of Invasiveness: Not Rated

Confidence: Not Rated

Concern Related to Distribution and Abundance: High (89)

Confidence: Low (20)



Photo Credit: Luigi Rignanese 2006, used under Creative Commons license (CalPhotos, 2024).

Ranking Notes

Rapid assessment only, based primarily on professional expertise.

Legal Listings

[Washington State Weed Board](#): Class B

[Washington Invasive Species Council](#): Yes

Section 1: Distribution and Abundance

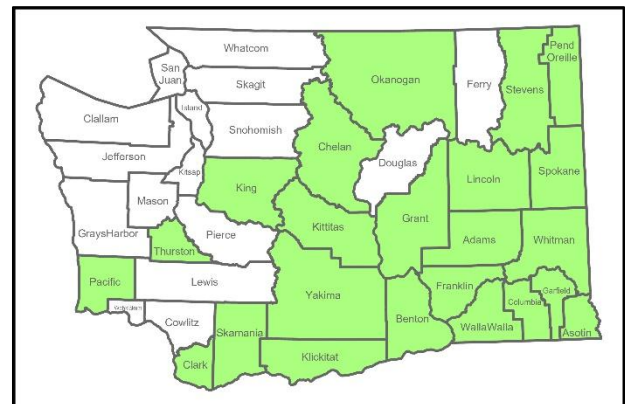


Figure 1. Distribution of counties where *Chondrilla juncea* has been documented in Washington State (CPNWH, 2023; EDDMapS, 2023; iNaturalist Contributors, 2023).

Q1: Current Range Size in Washington

Rating: High

Confidence: High

Chondrilla juncea is found in 59% of counties in Washington (CPNWH, 2023; EDDMapS, 2023; iNaturalist Contributors, 2023).

Source: Herbarium records and other observations

Q2: Current Trend in Total Range

Rating: Not Rated

Confidence: Not Rated

Source:

Q3: Proportion of Potential Range Currently Unoccupied

Rating: Low

Confidence: Low

This species already occurs in more than 50% of the state (CPNWH, 2023; EDDMapS, 2023; iNaturalist Contributors, 2023).

Source: Herbarium records and other observations.

Q4: Local Range Expansion or Change in Abundance

Rating: Not Rated

Confidence: Not Rated

Source:

Q5: Diversity of Ecosystems Invaded

Ecosystem types: Not Rated

Rating: Not Rated

Confidence: Not Rated

Source:

Section 2: Biological Characteristics

Q6: Aggressive Mode of Reproduction

Rating: Not Rated

Confidence: Not Rated

Source:

Q7: Innate Potential for Long-Distance Dispersal

Rating: Not Rated

Confidence: Not Rated

Source:

Q8: Potential to be Spread by Human Activities

Rating: Not Rated

Confidence: Not Rated

Source:

Q9: Allelopathy

Rating: Not Rated

Confidence: Not Rated

Source:

Q10: Competitive for Limiting Abiotic Factors

Rating: Not Rated

Confidence: Not Rated

Source:

Q11: Growth Form

Rating: Not Rated

Confidence: Not Rated

Source:

Q12: Germination Requirements

Rating: Not Rated

Confidence: Not Rated

Source:

Q13: Invasivity of Other Plants in Genus

Rating: Not Rated

Confidence: Not Rated

Source:

Q14: Shade Tolerance

Rating: Not Rated

Confidence: Not Rated

Source:

Q15: Disturbance Tolerance

Rating: Not Rated

Confidence: Not Rated

Source:

Q16: Propagule Persistence

Rating: Not Rated

Confidence: Not Rated

Source:

Q17: Palatability

Rating: Not Rated

Confidence: Not Rated

Source:

Section 3: Ecological Impact

Q18: Impact on Ecosystem Abiotic Processes

Abiotic Processes: Unknown

Rating: Unknown

Confidence: Not Rated

Source:

Q19: Impact on Ecosystem Structure

Rating: Moderate

Confidence: Low

Source: Professional expertise

Q20: Impact on Ecosystem Composition

Rating: High

Confidence: Moderate

Source: Professional expertise

Q21: Impact on Particular Native Species

Rating: Unknown

Confidence: Not Rated

Source:

Q22: Observed Ability to Invade Undisturbed Ecosystems

Rating: Moderate

Confidence: Low

Source: Professional expertise

Q23: Observed Ability to Invade Naturally Disturbed Ecosystems

Rating: Yes

Confidence: High

Source: Professional expertise

Section 4: Management Difficulty

Q24: General Management Difficulty

Rating: High

Confidence: High

Source: Professional expertise

Q25: Minimum Time Commitment

Rating: High

Confidence: Moderate

Source: Professional expertise

Q26: Impacts of Management on Native Species

Rating: Low

Confidence: Moderate

Source: Professional expertise

Q27: Inaccessibility of Invaded Areas

Rating: Low

Confidence: Moderate

Source: Professional expertise

Q28: Sociopolitical Implications of Management

Rating: Insignificant

Confidence: Moderate

Source: Professional expertise

Additional Comments

None

References

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