

Washington Invasive Ranking System

Washington Natural Heritage Program

Arum italicum ssp. *italicum* (Italian Arum)

Assessed by

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Ecological Impact Rank: **Low** (33)

Confidence: **Moderate** (50)

Management Difficulty Rank: High (74)

Confidence: High (80)

Biological Characteristics of Invasiveness: Moderate (65)

Confidence: High (68)

Concern Related to Distribution and Abundance: Moderate (62)

Confidence: Moderate (60)



Photo Credit: David Giblin 2022, used under Creative Commons license (Burke Herbarium, University of Washington, 2024).

Ranking Notes

Rapid assessment only, based primarily on professional expertise.

Legal Listings

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

[Washington Invasive Species Council](#): No

Section 1: Distribution and Abundance

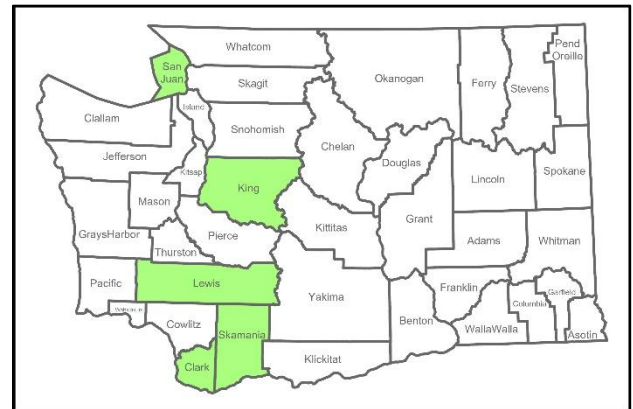


Figure 1. Distribution of counties where *Acer negundo* has been documented in Washington State (CPNWH, 2023; EDDMapS, 2023; iNaturalist Contributors, 2023).

Q1: Current Range Size in Washington

Rating: Low

Confidence: Moderate

Arum italicum ssp. *italicum* is present in 10% of Washington counties (CPNWH, 2023; EDDMapS, 2023; iNaturalist Contributors, 2023).

Source: Professional expertise, Herbarium records and other observations

Q2: Current Trend in Total Range

Rating: Moderate

Confidence: Moderate

Source: Professional expertise

Q3: Proportion of Potential Range Currently Unoccupied

Rating: Moderate

Confidence: High

Source: Professional expertise

Q4: Local Range Expansion or Change in Abundance

Rating: High

Confidence: Moderate

Source: Professional expertise

Q5: Diversity of Ecosystems Invaded

Ecosystem types: Forest & Woodland

Rating: Low

Confidence: Moderate

Source: Professional expertise

Section 2: Biological Characteristics

Q6: Aggressive Mode of Reproduction

Rating: Yes

Confidence: High

Source: Professional expertise

Q7: Innate Potential for Long-Distance Dispersal

Rating: Yes

Confidence: High

Source: Professional expertise

Q8: Potential to be Spread by Human Activities

Rating: Yes

Confidence: High

Source: Professional expertise

Q9: Allelopathy

Rating: Unknown

Confidence: Not Rated

Source:

Q10: Competitive for Limiting Abiotic Factors

Rating: No

Confidence: Moderate

Source: Professional expertise

Q11: Growth Form

Rating: No

Confidence: Moderate

Source: Professional expertise

Q12: Germination Requirements

Rating: Yes

Confidence: Moderate

Source: Professional expertise

Q13: Invasiveness of Other Plants in Genus

Rating: No

Confidence: Moderate

Source: Professional expertise

Q14: Shade Tolerance

Rating: High

Confidence: High

Source: Professional expertise

Q15: Disturbance Tolerance

Rating: Yes

Confidence: High

Source: Professional expertise

Q16: Propagule Persistence

Rating: Unknown

Confidence: Not Rated

Source:

Q17: Palatability

Rating: Yes

Confidence: High

Source: Professional expertise

Section 3: Ecological Impact

Q18: Impact on Ecosystem Abiotic Processes

Abiotic Processes: None listed

Rating: Low

Confidence: Moderate

Source: Professional expertise

Q19: Impact on Ecosystem Structure

Rating: Low

Confidence: Moderate

Source: Professional expertise

Q20: Impact on Ecosystem Composition

Rating: Moderate

Confidence: Moderate

Source: Professional expertise

Q21: Impact on Particular Native Species

Rating: Not Rated

Confidence: Not Rated

Source:

Q22: Observed Ability to Invade Undisturbed Ecosystems

Rating: Insignificant

Confidence: Moderate

Source: Professional expertise

Q23: Observed Ability to Invade Naturally Disturbed Ecosystems

Rating: Yes

Confidence: Moderate

Source: Professional expertise

Section 4: Management Difficulty

Q24: General Management Difficulty

Rating: Moderate

Confidence: High

Source: Professional expertise

Q25: Minimum Time Commitment

Rating: High

Confidence: High

Source: Professional expertise

Q26: Impacts of Management on Native Species

Rating: Moderate

Confidence: High

Source: Professional expertise

Q27: Inaccessibility of Invaded Areas

Rating: Moderate

Confidence: Moderate

Source: Professional expertise

Q28: Sociopolitical Implications of Management

Rating: Moderate/Low

Confidence: Moderate

Source: Professional expertise

Additional Comments

None

References

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