

Washington Invasive Ranking System

Washington Natural Heritage Program

Veronica arvensis (Corn Speedwell)

Assessed by

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Ecological Impact Rank: **Insignificant** (12)

Confidence: **Moderate** (67)

Management Difficulty Rank: Insignificant (0)

Confidence: High (100)

Biological Characteristics of Invasiveness: Low (40)

Confidence: Moderate (38)

Concern Related to Distribution and Abundance: Moderate (56)

Confidence: High (70)



Photo Credit: Steve Matson 2008, used under Creative Commons license (CalPhotos, 2024).

Ranking Notes

Rapid assessment only, based primarily on professional expertise.

Legal Listings

Washington State Weed Board: No

Washington Invasive Species Council: No

Section 1: Distribution and Abundance

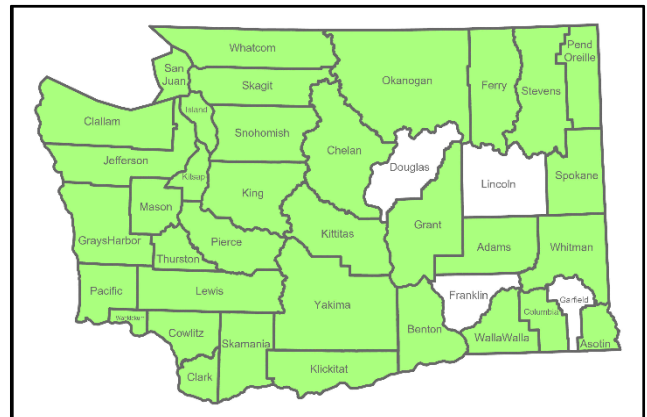


Figure 1. Distribution of counties where *Veronica arvensis* has been documented in Washington State (CPNWH, 2024; EDDMapS, 2024; iNaturalist Community, 2024).

Q1: Current Range Size in Washington

Rating: High

Confidence: High

Veronica arvensis is documented in 90% of counties in Washington State (CPNWH, 2024; EDDMapS, 2024; iNaturalist Community, 2024).

Source: Professional expertise, Herbarium records and other observations

Q2: Current Trend in Total Range

Rating: Low

Confidence: Moderate

Source: Professional Expertise

Q3: Proportion of Potential Range Currently Unoccupied

Rating: Low

Confidence: Moderate

Source: Professional Expertise

Q4: Local Range Expansion or Change in Abundance

Rating: Low

Confidence: Moderate

Source: Professional expertise

Q5: Diversity of Ecosystems Invaded

Ecosystem types: Forest & Woodland, Grassland & Shrubland

Rating: Low

Confidence: High

Source: Professional expertise

Section 2: Biological Characteristics

Q6: Aggressive Mode of Reproduction

Rating: Unknown

Confidence: Not Rated

Source:

Q7: Innate Potential for Long-Distance Dispersal

Rating: Unknown

Confidence: Not Rated

Source:

Q8: Potential to be Spread by Human Activities

Rating: Yes

Confidence: Moderate

Source: Professional expertise

Q9: Allelopathy

Rating: Unknown

Confidence: Not Rated

Source:

Q10: Competitive for Limiting Abiotic Factors

Rating: No

Confidence: Moderate

This species comes up pretty early in spring, but it is likely too small and low in cover to seriously deplete soil moisture.

Source: Professional Expertise

Q11: Growth Form

Rating: No

Confidence: High

Source: Professional expertise

Q12: Germination Requirements

Rating: No

Confidence: Moderate

Source: Professional expertise

Q13: Invasiveness of Other Plants in Genus

Rating: Yes

Confidence: High

Source: Professional expertise

Q14: Shade Tolerance

Rating: Moderate

Confidence: Moderate

Source: Professional expertise

Q15: Disturbance Tolerance

Rating: No

Confidence: Moderate



Commonly establishes following disturbance, but does not appear to gain a competitive advantage from it.

Source: Professional expertise

Q16: Propagule Persistence

Rating: Unknown

Confidence: Not Rated

Source:

Q17: Palatability

Rating: Yes, plant is unpalatable

Confidence: Low

Small size makes it unlikely to be grazed.

Source: Professional expertise

Section 3: Ecological Impact

Q18: Impact on Ecosystem Abiotic Processes

Abiotic Processes: None listed

Rating: Insignificant

Confidence: Moderate

Source: Professional expertise

Q19: Impact on Ecosystem Structure

Rating: Insignificant

Confidence: High

Source: Professional expertise

Q20: Impact on Ecosystem Composition

Rating: Low

Confidence: Moderate

Source: Professional expertise

Q21: Impact on Particular Native Species

Rating: Insignificant

Confidence: Moderate

Source: Professional expertise

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: High

Source: Professional expertise

Section 4: Management Difficulty

Q24: General Management Difficulty

Rating: Insignificant

Confidence: High

This species is not targeted for management.

Source: Professional expertise

Q25: Minimum Time Commitment

Rating: Insignificant

Confidence: High

Source: Professional expertise

Q26: Impacts of Management on Native Species

Rating: Insignificant

Confidence: High

Source: Professional expertise

Q27: Inaccessibility of Invaded Areas

Rating: Insignificant

Confidence: High

Source: Professional expertise

Q28: Sociopolitical Implications of Management

Rating: Insignificant

Confidence: High

This species is not targeted for management.

Source: Professional expertise

Additional Comments

None

References

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