Public Gardens as Sentinels against Invasive Plants
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- Michelle Beloskur, Midwest Invasive Plant Network
- Kurt Dreisilker, The Morton Arboretum
- Theresa Culley, University of Cincinnati
Public Gardens are Perfectly Positioned to Aid as Sentinels for Plant Invasions

- Curated living collections
- Natural areas
- Staff monitoring collection
- Accessions labeled
- Historical repository
PGSIP is a Creating a Network

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PUBLIC GARDENS AS SENTINELS AGAINST INVASIVE PLANTS

Using botanic garden and arboreta expertise to help prevent problematic plants from becoming invasive across North America

1) Set of guidelines to help gardens develop their own standardized lists

1) Online platform for gardens to share their information
PGSIP Plant Rankings

• Observational rankings based on volume and distance of spread, context at the garden, and current/historic presence in the regional flora
  – Watchlist
  – Potentially Invasive
  – Invasive

• Ranking based on a predictive risk assessment
  – Assessed as Invasive
Public Gardens as Sentinels against Invasive Plants

Green Industry

Propagators

State Invasive Plant Councils

Landscape Architects
Plant Alerts

- Summarize information about a non-native, ornamental plant that has been widely reported by participating gardens
- How have gardens ranked this plant
- What are the recommended actions
- Sign up to receive Alerts by subscribing to the PGSIP Newsletter (PGSIP Homepage)
Visit the PGSIP Website

pgsip.mortonarb.org/Bol/pgsip

PUBLIC GARDENS AS SENTINELS AGAINST INVASIVE PLANTS

Using botanic garden and arboreta expertise to help prevent problematic plant species from spreading invasive across North America

Public garden staff: join us for our next introductory webinar

Contact us anytime at PGSIPadmin@mortonarb.org