

SOUTHEASTERN PLANTS

REGIONAL SPECIES OF GREATEST CONSERVATION NEED



Prepared by:









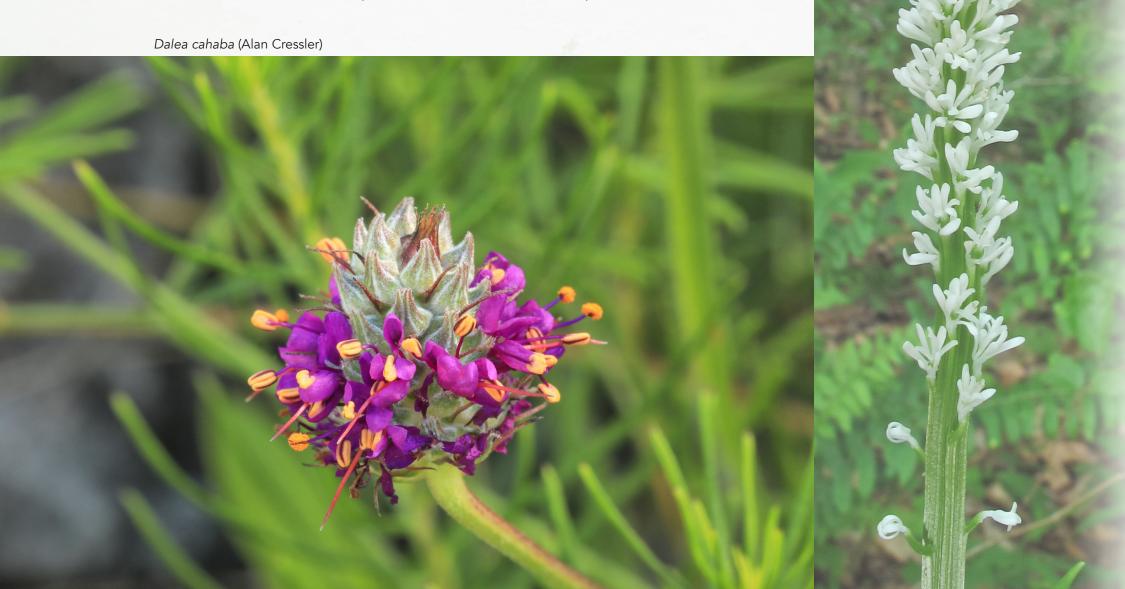
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Land Acknowledgement

The Southeastern Plant Conservation Alliance (SE PCA) humbly acknowledges the Indigenous Peoples and Tribal Nations of our focal area. We are working on the homeland of many Tribes and Indigenous Communities, and it is with gratitude and appreciation that we seek to conserve species and natural systems that were nurtured by those stewards possessing unparalleled relationships with these lands since time immemorial. The SE PCA recognizes the many impacts of colonialism and the irreparable losses that have been endured by the original inhabitants – including humans, animals, plants, and stones - and the land itself. We aim to provide access to resources and opportunities for an informed alliance while we participate in building bridges, expanding perceptions, honoring Indigenous Knowledge, and weaving together our respective approaches.

To learn more about Tribes in the Southeast, you can visit the Southeast Climate Adaptation Science Center (SECASC) Tribal Story Map and the Native Land Digital interactive maps online. These are ongoing works in progress that are not meant to represent official or legal tribal boundaries; to learn about definitive areas, please contact the nation(s) in question.



Dedication

This report is dedicated to Dr. Jon Ambrose, who has worked for many decades to promote the conservation of plants and other wildlife at the state, regional, and national levels.

Jon joined the Georgia Department of Natural Resources in 1986 as a community ecologist, was promoted to manager of the Georgia Natural Heritage Program in 1998, and coordinated a broad spectrum of activities including field surveys, database development, outreach, administration of ecological assessment and conservation planning projects, as well as review of environmental projects, legislation, and policies. In 2004 he was promoted to Assistant Chief of Nongame Conservation, then became Chief of Wildlife Conservation in 2014. In these positions, Jon led the development and revision of Georgia's State Wildlife Action Plan, became influential in the Association of Fish and Wildlife Agencies (AFWA) and its Southeast chapter (SEAFWA), played an instrumental role in the development of the Southeast Conservation Adaptation Strategy (SECAS), and co-authored "The Natural Communities of Georgia". He retired in 2023 but remains a dedicated advocate for conservation.

Jon Ambrose played an intergal role in the development of the Regional Species of Greatest Conservation Need (RSGCN) for Animals of the Southeast, which has facilitated the prioritization of conservation projects and collaboration among states within the region. As the chair of the State Wildlife Action Plan implementation subcommittee for SEAFWA, he has been a leader in addressing crossjurisdictional conservation issues, including the impacts of global climate change on wildlife populations in the Southeast. Jon humbly served as a project planning team member and advisor for this effort, and without his encouragement of and participation in the development of the Southeastern Plant Conservation Alliance (SE PCA), the Southeastern Plants Regional Species of Greatest Conservation Need (SE Plants RSGCN) would not have come to fruition.

Jon, you have instilled confidence, enthusiasm, kindness, and knowledge in your colleagues and many emerging professionals. May we carry on your efforts in the conservation of all life forms and natural communities. We thank you for this lasting legacy.

Executive Summary

Background

The Southeastern Plant Conservation Alliance (SE PCA) in collaboration with Atlanta Botanical Garden, NatureServe, and Terwilliger Consulting Inc. (TCI), was granted funding for the development of a Southeastern Plants Regional Species of Greatest Conservation Need (SE Plants RSGCN) list from the U.S. Fish and Wildlife Service in September 2021. The Southeastern region was defined by those states and territories included within the Southeastern Association of Fish and Wildlife Agencies (SEAFWA) region. The SE Plants RSGCN aims to create a complete picture of Southeastern wildlife and biodiversity in

screened taxa list. Due to significant data limitations, plant taxa from the territories of Puerto Rico and the United States Virgin Islands could not be included.

The full list of 10,437 taxa was distributed along with a survey to experts in the Southeastern United States (referred to as the Survey Team) to request feedback, comments, and updates on current G- and S-Ranks, taxonomy updates, pre-screened Levels of Conservation Concern (LoCC), threats to the taxa, and conservation needs. Feedback from the Survey Team informed decisions made by the Technical Team (made up of one representative from each state organization in the Southeast) to manually review and update the LoCC if >50% consensus was not reached by the Survey Team. After Technical Team review, NatureServe evaluated taxa with synonymous taxonomy and removed 1,166 taxa from the RSGCN list. The resulting complete Southeastern taxa list was 9,271 taxa, with 1,824 RSGCN taxa.

Efforts to supplement the RSGCN list included an in-person Ranking Workshop in October 2022, an ecological systems crosswalk spearheaded by Alan Weakley, author of Flora of the Southeastern U.S., and a compilation of climate tools and vulnerability assessment notes. The Survey Team identified 455 taxa as needing Global Rank review with 101 proposed as highest priority. During the Ranking Workshop, participants completed Global Rank reviews for 71 high priority taxa. The RSGCN list was finalized after receiving the completed ecological systems crosswalk from Alan Weakley and the Flora of the Southeastern United States (FSUS) team. The corresponding Group and Alliance levels of the United corresponding Group and Alliance levels of the United changes. States National Vegetation Classification (USNVC), in addition to climate projections for ecological Groups for all RSGCN taxa and Alliances for some, will serve to produce a finer-scale representation of ecosystems than are referenced by the Macrogroups in the animal RSGCN lists. The addition of these tools will promote more holistic conservation and set the stage for more Plant Conservation Alliance.

inclusive, comprehensive and effective landscape conservation of priority taxa, primarily via the inclusion of Conservation Opportunity Areas in State Wildlife Action Plans (SWAPs)."

RSGCN Prominent Habitats

We have categorized the primary habitats for the 1,824 RSGCN plant taxa by assigning each species to one or more Groups in the United States National Vegetation Classification (USNVC). This system of classifying vegetation types and habitats has been used for mapping on all National Park Service units in picture of Southeastern wildlife and biodiversity in combination with the 2019 Southeastern Animals RSGCN published by SEAFWA (Rice et al. 2019).

Regional Species of Greatest Conservation Need In consideration of the taxa to be included in the RSGCN, NatureServe compiled a list of 10,437 vascular plant taxa contained within the states of the SEAFWA Region and based on G-Ranks, S-Ranks, and regional endemicity assigned as a level of conservation concern. This was referred to as the prescreened taxa list. Due to significant data limitations. the United States and is now being incorporated into and thus the conservation of these ecosystems and their plant diversity supports conservation of much of the regional biodiversity.

Limiting Factors

As with any large-scale list, certain limitations cannot be avoided. One of the most impactful limitations of this RSGCN list is the inability of many states to include G4 and/or G5 taxa in their SWAPs. However, best practices, as outlined by the Association of Fish and Wildlife Agencies (AFWA's Teaming With Wildlife Committee 2012), recommend "prioritiz[ing] top tier taxa/species based on immediacy and magnitude of threats." Although many states may be limited by G-Ranks, the RSGCN will provide additional documentation of the level of conservation concern for certain taxa that otherwise may not be captured by G-Rank alone.

Conclusions and Recommendations

Collaboration with all parties and organizations involved in the first Southeastern plants RSGCN illustrated the breadth of potential for the RSGCN. Feedback from the Survey, Technical, and Ranking Teams combined with the expertise brought to the Project Planning Team by NatureServe, the Atlanta Botanical Garden, Terwilliger Consulting, Inc., and SEAFWA ensured an exceptional level of insight for each taxa under consideration. With over 10,000 taxa evaluated and 1,824 taxa in the final list, the RSGCN list can be utilized in 2025 (and future) SWAPs, as well as project proposals and funding requests, with the goal of impro ing recovery outcomes, enhancing conservation efforts, and documenting long-term

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Table of Contents

Land Acknowledgement	2
Dedication	
Executive Summary	
Background	
Regional Species of Greatest Conservation Need	4
RSGCN Prominent Habitats	
Limiting Factors	4
Conclusions and Recommendations	
Table of Contents	
Acronyms	
Foreword	
Background	
RSGCN Methods Comparison Summary	. 7
Introduction	
Advocating for plants	
Improving Recovery Outcomes for the Endangered Species Act	10
Ex situ Gap Analysis	. 10
List of Regional Species of Greatest Conservation Need (RSGCN)	. 10
Data Disclaimer	. 11
Regional Background & Opportunity	1:
Methodology	16
Phase 1: Planning and Selection of Methodology	16
Phase 2: Prescreening and Survey Development	
Phase 3: Survey Team Review and Analysis	
Phase 4: Technical Team Review	
Phase 5: Ranking Workshop	
Phase 6: RSGCN Finalization, Analysis, and Report Development	
Results	
The Big Picture	
RSGCN	
Not RSGCN	
Regional Endemics	
Threats and Needs	
Disjunct & Edge of Range Species	
Culturally Significant Species	
Family-Specific Determinations	
Asteraceae	
Overview of Results	
Very High Concern and SEAFWA Endemic Asteraceae	
Poaceae	
Cyperaceae	. 33
Fabaceae	. 34
Rosaceae	. 35
Lamiaceae	
Euphorbiaceae	. 37
Brassicaceae	
Orchidaceae	39
Cactaceae	
Cultural Species & Indigenous Knowledge	
ESA At-risk & Listed Species	
Conclusions & Next Steps	
Citations	
Additional Resources	
Appendices	
Appendix 1: Technical Team Taxa Updates	
	E /
Appendix 2: Southeastern Plants RSGCN List	5
Appendix 2: Southeastern Plants RSGCN List Appendix 3: Partner Institution Summaries & Planning Team Member Bios Appendix 4: RSGCN Process Participants	. 6

	Acronyms
	ABG - Atlanta Botanical Garden AFWA - Association of Fish and Wildlife
	Agencies BGCI - Botanic Gardens Conservation
	International BGCI-US - Botanic Gardens Conservation
	International, U.S. CASC - Climate Adaptation Science Center COA - Conservation Opportunity Area
	ESA - Endangered Species Act FSUS - Flora of the Southeastern United State GA DNR - Georgia Department of Natural
	Resources IUCN - International Union on the Conservation of Nature
)	LoCC - Level of Conservation Concern
)	MAFWA - Midwest Association of Fish and
)	Wildlife Agencies NAFWS - Native American Fish and Wildlife
)	Society
l 2	NEAFWA - Northeast Association of Fish and
2	Wildlife Agencies NEFWDTC - Northeast Fish and Wildlife
	Diversity Technical Committee
5	ORISE - Oak Ridge Institute for Science and
3	Education
7	RAWA - Recovering America's Wildlife Act RSGCN - Regional Species of Greatest
)	Conservation Need
2	SE CASC - Southeast Climate Adaptation Science Center
2	SE PCA - Southeastern Plant Conservation
2	Alliance
5	SE Plants RSGCN - Southeastern Plants
2	Regional Species of Greatest Conservation Need
5	SEAFWA - Southeastern Association of Fish a
•	Wildlife Agencies
)	SePPCON - Southeastern Partners in Plant
2	Conservation
2	SGCN - Species of Greatest Conservation Ne
2	SRP - Sustainable Rivers Program
2	SSA - Species Status Assessment SWAP - State Wildlife Action Plan
2	TCI - Terwilliger Consulting, Inc.
3	TEK - Traditional Ecological Knowledge
1	TNC - The Nature Conservancy
7	TNTCX - United States Army Corps of
5	Engineers Tribal Nations Technical Center of
7	Expertise
3	UPS - United Plant Savers USACE - United States Army Corps of
)	Engineers
	USDA, NRCS - United States Department of
2	Agriculture Natural Resources Conservation

USET - United South and Eastern Tribes USFWS - United States Fish and Wildlife Service

USGS - United States Geological Survey

USNVC - United States National Vegetation



Foreword

Written by Terwilliger Consulting, Inc.

Background

The concept of Regional Species of Greatest (Terwilliger et al. 2021). Conservation Need (RSGCN) originated in the Northeast as the 14 Northeast Fish and Wildlife Agencies of the Northeast Association of Fish and Wild life Agencies' (NEAFWA) Wildlife Diversity Programs collaborated for a broader level landscape and watershed scale conservation approach in the 1990s. The purpose was to identify not covered by the State Wildlife Grants purview and conserve species of greatest conservation concern with ranges centered in the region for regional stewardship responsibility. The Northeast as SGCN and RSGCN along with strong support RSGCN list was updated for the 4th revision in 2023 (TCI and NEFWDTC 2023) as a charge of the NEAFWA Northeast Fish and Wildlife Diversity Technical Committee (NEFWDTC). Each revision has included more invertebrate taxa as additional data and expertise allow thorough analysis and selection.

The 15 states of the Southeastern Association of Fish and Wildlife Agencies (SEAFWA) followed developed a list of almost a thousand animal species of greatest conservation need for the region (RSGCN). At that time, only a few invertebrate taxa states of the Midwest Landscape Initiative and Midwest Association of Fish and Wildlife Agencies

RSGCN that includes 13 animal taxonomic groups

At the same time, 9 states revised their original 2005 State Wildlife Action Plans (SWAPs) and included plants as Species of Greatest Conservation Need (SGCN). There was growing interest to include plants as SGCN and RSGCN even though they were for funding. The Georgia Department of Natural Resources (GA DNR) led the effort to include plants from the key organizations sponsoring this project. This support, along with the hope of Recovering America's Wildlife Act (RAWA) passage to include funding for plant SGCN, enabled this first landmark effort to advance regional plant conservation in the Southeast and facilitated this list of RSGCN plants effort to serve as a critical resource for states as they revise their SWAPs for 2025 and include plants as SGCN.

suit in 2018 as their Wildlife Diversity Committee The inclusion of plants in the Southeast reflected significant support and partnership between key government and non-governmental organizations to manifest this important development. The were included (Rice et al. 2019). In 2021 the 13 foresight and leadership of Jon Ambrose and GA DNR as a champion of the SEAFWA Wildlife Diversity Committee (WDC), led the promotion of (MAFWA) identified their region's first list of the effort regionally and nationally. The expertise

and advocacy of the Atlanta Botanical Garden (ABG), the Southeastern Plant Conservation Alliance (SE PCA), and other key partners provided the impetus to initiate this RSGCN plant list and process. The Southeastern Partners in Plant Conservation (SePPCon) events in 2016 and 2020 were pivotal in strategic planning for SEPCA and the Southeastern Plants Regional Species of Greatest Conservation Need (SE Plants RSGCN) as one of its primary goals. Then, to develop and provide the most useful and consistent outcome, Terwilliger Consulting Inc.'s (TCI) RSGCN experience coupled with NatureServe data and expertise provided the mechanism and method to manifest the inclusion of plants in the RSGCN effort.

A key outcome of this effort is the association of RSGCN to southeast habitats. This represents a milestone that will not only advance SWAP revisions, but also the next iteration of Southeast RSGCN to facilitate habitat associations for both plants and animals for more effective landscape conservation in the Southeast. We applaud and are grateful to all project partners and SEAFWA's WDC for their hard work and leadership in advancing plant conservation and RSGCN efforts regionally and nationally.

RSGCN Methods Comparison Summary

Since RSGCN were first identified in the Northeast

for animals in 1999, and as three regions have now developed RSGCN animal lists, the basic methodology has remained consistent with minor advancements as new data and analysis tools have become available. Originally the list of eligible taxa for RSGCN identification was the list of SGCN from the collective SWAPs of the region. Regional SGCNs represent the taxa in need of collaborative conservation at the region level. As techniques and tools have advanced, this Southeast RSGCN plants list and the 2023 Northeast RSGCN animals list (TCI and NEFWDTC 2023) update were able to pre-screen all taxa known to occur in the region within the selected taxonomic groups, identifying taxa not yet designated as SGCN by any state in the region for consideration by the states in upcoming SWAP revisions. This facilitated proactive conservation with their conservation partners by providing a more inclusive, tiered list of taxa. This inclusive approach allows for taxonomic groups including plants or invertebrates to be comprehensively evaluated although all states within the region may not yet have included those taxonomic groups as SGCN in their SWAPs.

The two primary selection criteria to identify RSGCN remain regional responsibility and conservation concern status. Regional responsibility is the proportion of a taxon's geographic range that occurs within the region, which for RSGCN are

defined as regional Association of Fish and Wildlife conservation status by using only the first two of Agencies (AFWA) boundaries. In the SEAFWA Region, an exception is made to exclude the noncontiguous Puerto Rico and U.S. Virgin Islands. analysis, a mode of the S-Ranks in the region was Species with at least 50% regional responsibility evaluated rather than an average, based on the meet this selection criteria during initial screening, number of states listing a taxon as S1, S2, SH or SX. but taxa with less than 50% regional responsibility The G-Rank criteria included taxa listed as G1, G2, may still be selected as RSGCN due to high G3, GH, or GX, or in some cases as G4 if at least conservation concern or other factors such as range five states rank the taxon as S1, S2, SH or SX and shifts associated with climate change. A federallylisted taxon, for example, may be highly imperiled (i.e., Majority or Endemic). This generally reflects wherever it occurs regardless of how much of its range falls within a particular region. For RSGCN animals, Regional Responsibility is designated within ranges of 25% (i.e., 100% Endemic, 75-100%, 50-75%, 25-50%, and < 25%). For this screened with these selection criteria for regional RSGCN plants analysis, Regional Responsibility was simplified to 100% in Continental SEAFWA (i.e., endemic), Majority (i.e., greater than 50%), or Minority (i.e., less than 50%) categories. For both plants and animals, taxa with disjunct ranges are three regions in the development of RSGCN lists included and the RSGCN may be specified as a for animals and now plants, compared the preparticular population or subspecies that has higher regional responsibility within the region than the with the current animal assessment pre-screening nominal species.

RSGCN, the conservation status pre-screening 2023; Terwilliger et al. 2021):

- 1. An average S-Rank of less than 3.0 within the region (with SH or SX equivalent to 0.5);
- 2. a G-Rank of G1, T1, G2, or T2;
- 3. federally-listed in the U.S. as Endangered (E), Threatened (T), Proposed E or T, or Candidate:
- 4. state listed as Endangered or Threatened in at least two states in the region; or
- 5. Critically Endangered (CR), Endangered (EN), or Vulnerable (V) on the International Union for the Conservation of Nature (IUCN) Red List.

The identification of RSGCN Southeast plants differed from the animal selection criteria for

the five criteria listed above, the S-Rank within the region and the G-Rank. For this plant RSGCN the taxon has at least 50% Regional Responsibility the lack of availability of additional ranking criteria, as plants were not listed (state listed or SGCN) in all states, and are not covered under State Wildlife Grant funding to date. After taxa were preresponsibility and conservation status, taxa that met both criteria were identified as predicted, or likely, RSGCN for further review. Terwilliger Consulting, Inc., which provided technical assistance to these screening processes for this plants assessment methods (TCI and NEFWDTC 2023; Terwilliger et al. 2021). Out of the 1876 plant taxa predicted as The second selection criterion evaluates the likely RSGCN, only 3% (51) would have been preconservation status of the taxon. For animal screened as not likely RSGCN using all five of the conservation status criteria listed above for animal criteria includes having at least one of the taxa rather than just the first two criteria. None of following (Rice et al. 2019; TCI and NEFWDTC these 51 taxa had an average S-Rank of less than 3, all are G3, none are federally-listed, and none



Helonias bullata (Alan Cressler)

have an IUCN Red List status of CR, EN, or VU. further reviewed for quality assurance and control Data were not available for the state-listing status by the planning team to verify associated data fields of the taxa.

predicted, or likely RSGCN, taxa. For both RSGCN animals and plants, in all three regions with RSGCN lists to date, RSGCN are assigned LoCCs of Very High, High, or Moderate. The predicted LoCC is based on the various combinations of The draft RSGCN list, with an associated dataset, regional responsibility and conservation statuses (e.g., endemic G1 taxa are predicted as Very High LoCC). Although the combinations of these criteria differ for RSGCN animal analyses and this plant analysis, the categorization of the pre-screened RSGCN taxa into these three LoCCs is the same in all regions and for both animals and plants.

The remaining steps for finalizing an RSGCN list of either animals or plants, in all three regions, were identical. The responsible committee of the state and encouraged for consistency and broader regulatory agencies' regional AFWA organization that addresses species conservation (the SEAFWA WDC in this case) identifies the need to develop an RSGCN list and scope of the effort to include specific taxonomic group(s). Terwilliger Consulting, Inc. provided technical assistance to all three regions to develop RSGCN lists, creating general consistency in approaches.

A planning team or steering committee oversaw the methodology development, pre-screening, data management, and facilitated expert review. Once a list of pre-screened, predicted RSGCN was complete, a taxonomic review team for each taxa (with representatives from all states in the region plus key regional experts) reviewed the entire list and voted on each taxon's RSGCN inclusion and status rank from the compiled and analyzed data. The most recent Midwest and Northeast animal along with their expertise where data were lacking. To accomplish this, a series of collaborative identify species as Watchlist or Deferral species, webinars were facilitated by the planning team to review the project, the selection methodology and pre-screening process and criteria, and to discuss region has conservation concern but low regional taxa without consensus from the voting results.

and identify data deficiencies or gaps for future work. In the case of this Southeast plants analysis, A predicted RSGCN Level of Conservation a subset of taxa were selected for further review by Concern (LoCC) was then assigned for each of the a regional team of experts to update their G-Rank in coordination with NatureServe at a dedicated workshop hosted by the Atlanta Botanical Garden and Southeastern Plant Conservation Alliance.

> was then shared with the regional Technical Team (or taxonomic team for animals) and the SEAFWA Wildlife Diversity Committee (or its counterpart in other regions) for final review. This Southeast plant list, the Northeast 2023 animals list revision, and the 2021 Midwest animals list and associated dataset included data for habitat associations, taxonomy, and state S-Rank and SGCN status data. Cross-walking some of these data fields to standard classification systems was included application to facilitate use of the RSGCN dataset by multiple partners and agencies.

> The development of this final Southeast RSGCN plants list differs from previous animal lists in a few minor ways. The sheer number of taxa evaluated (9,271) and subsequently pre-screened as RSGCN (1,824) far exceeded those evaluated and prescreened for any animal taxonomic group in any region. A single, regional Technical Team of experts reviewed the 1800+ pre-screened plant taxa for this first effort, while the animal taxonomic review includes multiple teams (e.g., birds, reptiles, mammals, freshwater mussels) reflecting the availability of data, expertise and time/capacity for each project.

RSGCN lists included additional categories to with the former identifying species of assessment priority and the latter for species which the responsibility. This plants list does not include a Watchlist or a Deferred category of taxa deferred The subsequent draft RSGCN list with LoCCs was to an adjacent region for primary stewardship.

Introduction

et al. 2020) indicated that two-fifths (40%) of all plants are at risk of extinction. Biodiversity in workshops. Focus: United States Edition (NatureServe 2023a) reveals that 34% of plants and 40% of animals are **Ex situ Gap Analysis** at risk of extinction, and 41% of ecosystems are at The SE PCA partnered with Botanic Gardens have vanished in North America since European Plant Conservation Alliance (SE PCA) is a diverse partnership that bridges gaps between local and national efforts while collaborating to restore and prevent the loss of plant diversity. This is achieved by building capacity, facilitating novel partnerships, and leveraging shared resources to stimulate et al. 2022). collective success. To date, the SE PCA has allowed partners to leverage funding and conservation actions to address the following actions:

Advocating for Plants

With other nationally recognized groups, we urged the Biden administration to prioritize the conservation of native plants and ecosystems. We also developed a free-access information sheet on first Regional Species of Greatest Conservation regional conservation needs, goals and activities, as well as advocacy flyers to inform non-profits and individuals how they can make a difference. Collaborating with other wildlife conservation professionals and public supporters, we continue to promote Recovering America's Wildlife Act (RAWA).

Improving Recovery Outcomes for the The United States supports a larger variety of **Endangered Species Act**

With funding and collaboration from the United States Fish and Wildlife Service (USFWS), we have hotspot – an area rich in unique habitats and plants defined 13 high-priority federally listed species and are implementing collaborative pilot projects for 9 of these in 2021-2024. Primary objectives for this innovative project also include on-theground conservation action (including research and management), outreach and engagement with partners and landowners, providing grants As part of overall efforts to highlight the role of plants and other support for local Plant Conservation



Sarracenia purpurea var. montana (Alan Cressler)

State of the World's Plants and Fungi (Antonelli Alliances, the promotion of public and private land partnerships, and facilitation of working groups and

risk of range-wide collapse. Of the 65 plants that Conservation International, U.S (BGCI-US) to conduct an ex situ gap analysis to evaluate living colonization, 25 (40%) have been from the and seed bank collections and identify gaps Southeast (Knapp et al. 2021). The Southeastern needing to be filled to meet conservation needs for priority species. The report evaluates how adequately imperiled Southeastern plants are represented in conservation collections worldwide, identifying gaps in global and regional collections of these species that need protection most (Bruns

List of Regional Species of Greatest Conservation Need (RSGCN)

Working with NatureServe and the NatureServe Network, Terwilliger Consulting, Inc. (TCI), Flora of the Southeastern United States (FSUS), and the Southeast Association of Fish & Wildlife Agencies (SEAFWA), the SE PCA has created the nation's Need (RSGCN) for plants. This will directly enhance data, consistency, capacity, and awareness for plant conservation - both during the development process and as a result of associated research, restoration, regulatory, outreach, and leadership efforts.

ecosystems than any other nation (Stein et al. 2000). The Southeastern United States is a biodiversity that, because of anthropogenic influences and climate change, is at increased risk of loss (Cartwright and Wolfe 2016). The Southeastern region is home to over 11,000 native plant species, 30% of which are endemic (Noss et al. 2015).

in recovering biodiversity and develop accessible resources to aid strategic conservation efforts, the SE PCA, in partnership with the Atlanta Botanical Garden (ABG), BGCI-US, and NatureServe, developed a preliminary regional priority species list to support the ex situ collections gap analysis (Bruns et al. 2022). These products were created to support development of a future list of species of greatest conservation need for Southeastern plants, identify and conduct conservation status assessments for priority species, and to promote the utilization of Best Plant Conservation Practices to Support Species Survival in the Wild (Center for Plant Conservation 2019). This would inform collective progress towards securing 60–75% of Southeastern rare plants in seed banks and cultivated conservation collections and implementing recovery and restoration projects that return 10-15% of ex situ collections into the wild (BGCI 2016) and support the National Seed Strategy for Rehabilitation and Restoration (Plant Conservation Alliance 2021).

The preliminary regional priority taxa list was based on NatureServe's extensive collection of geographical distributions and rarity rankings (Nature Serve 2020). All author names in the SE Plants RSGCN follow Weakley (2022). Taxa were compiled for the continental portion of SEAFWA's footprint, including these 15 states: Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Mississippi, Missouri, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia and West Virginia. Puerto Rico and the Virgin Islands were not included due to insufficient data, but will be incorporated in a future iteration of this work. A tiered list of taxa was compiled from distribution data maintained by NatureServe and the NatureServe Network for all vascular plant taxa that are native in any portion of the Southeastern region. The geographic footprint was chosen to match that of SEAFWA so that it could be modified for use as a regional list of plant species of conservation concern.

Efforts of the Southeast, as well as the United States as a whole, have the ability to move the dial forward for wildlife conservation through integration of plantfocused efforts with planning and implementation in agencies and other organizations. Because plants form the basis of most ecological systems, other life forms depend on them (Knapp et al. 2020). Documented rates of plant and animal extinction, as well as ecosystem collapse, in the United States echo this connection and the need to conserve natural systems as a whole (NatureServe 2023a). Nearly one third of plant species in the U.S. are at risk of extinction, but only 11% are protected by the Endangered Species Act (ESA). Additionally, the majority of federally threatened and endangered species are plants - yet they receive less than 5% of federal & state recovery funding (Negrón-Ortiz 2014).

The Northeast and Southeast regions of the Association of State Wildlife Agencies (AFWA) have developed RSGCN lists for animals. These are analogous to Species of Greatest Conservation Need (SGCN) lists documented in State Wildlife Action Plans (SWAPs). Plants have not been

represented on these RSGCN lists before but have been included to varying degrees in some SWAPs. Identification of highly imperiled and datadeficient plant taxa will inform the development of and inclusion of plants in 2025 SWAPs and identify additional regional plant conservation trends and help state agencies develop plant conservation projects that are suitable and ready for funding under RAWA, if enacted.

The SE PCA approached the SE Plants RSGCN project as an opportunity to facilitate the inclusion of plants in SWAPs. This is in line with our goals of collaborating to prioritize and coordinate conservation activities and leveraging funding through coordinated conservation actions. It is also a critical step in creating a future regional strategy for plant conservation. This list is needed to communicate shared priorities between agencies and other conservation partners. It can be referenced in SWAP revisions, implementation, and in proposals demonstrating research needs and conservation activities for highly imperiled species. Developing this RSGCN list is also a goal of the SEAFWA Wildlife Diversity Committee (WDC) and will complement the existing animal RSGCN list that was developed for the SEAFWA Region in 2018-2019.

Data Disclaimer

The version presented here as the SE Plants RSGCN was last updated in July 2023. NatureServe's Biotics data is up to date as of December 2022. Data sources including Biotics, LANDFIRE, the United States National Vegetation Classification, SWAPs, Flora of the Southeastern United States, and the Ecological Systems crosswalk are continually being updated, and some are still works in progress. Future additions and changes to the data presented in this RSGCN list may affect G-Ranks, S-Ranks, taxonomy, and Levels of Conservation Concern (LoCC).

Data were assembled into the SE Plants RSGCN from the NatureServe Biotics database, which is publicly available as NatureServe Explorer. To find the most upto-date information on specific taxa, please refer to NatureServe Explorer (https:// explorer.natureserve.org).

Regional Background & Opportunity

Panax quinquefolius (Alan Cressler)

The Southeastern Plant Conservation Alliance in situ augmentation or reintroduction, and (SE PCA) was formalized in 2020 and built upon years of strategizing and networking. Our goal monitoring & research (genetics and taxonomy; is to bridge gaps between local and national efforts to prevent and restore the loss of plant diversity in the Southeast. This is achieved by building capacity, facilitating novel partnerships, and leveraging shared resources to stimulate used these categories to validate and collective success in our region. Most of the supplement information on the status and momentum and preliminary work to launch the needs for at-risk plant species by engaging SE PCA came from the Southeastern Partners individuals from a diverse group of organizations in Plant Conservation (SePPCon) gatherings in 2016 and 2020. There were multiple goals and much success associated with these events, which brought together government agencies, land managers, botanical gardens, university programs, experts, professionals, and other were already being applied to conserve these interested parties to move the dial forward for plant conservation. Working with a wide range initial findings and status assessments being of stakeholders that represent diverse interests conducted by the U.S. Fish and Wildlife Service and perspectives, this effort has sought to (USFWS) for species that had been petitioned stimulate collective successes in local, state, and for listing under the Endangered Species Act regional plant conservation that are informed (ESA). by partners' needs.

Plant Conservation Alliance style partnerships); reproductive biology or ecology, and surveys/ inventory & monitoring).

Technical planning sessions at the conference to match needed actions and prioritize them for additional planning efforts. Subsequent sessions included land managers, botanists, and subjectmatter experts who delved into these topics based on identifying actions that should be or species. This effort was geared toward informing

These categories and actions were also included Plant conservation entails a variety of in the survey portion of the RSGCN development approaches (Guerrant et al. 2004). Ex situ efforts process to capture suggested needs while are not sufficient for the reestablishment or reviewing listed threats. Conducting the RSGCN enhancement of wild populations, which require survey process through the SE PCA allowed us a variety of in situ activities to thrive (Abeli et al. to utilize the network contacts and inclusive 2019). In order to identify needed actions for at-approach as a model for supplementing available risk plant species during SePPCon 2016, a list of information. By following this approach, we categories was developed to capture multiple believe we can further inform and enhance activities that could be assigned based on need cooperative conservation efforts for plants in by experts during technical planning sessions. our region using the RSGCN list to help state Categories of conservation need were defined agencies and their partners be aware of needs as follows: land protection & management and able to develop plant conservation projects (land acquisition or conservation easements, that are suitable and ready for funding under prescribed fire, and habitat restoration or the Recovering America's Wildlife Act (RAWA). enhancement); safeguarding & conservation Capacity-building sessions at both SePPCon networking (seed banking or ex situ cultivation, events provided training opportunities for practices and guidelines for conducting ex situ local, regional, and national level in conserving and in situ conservation work. This contributes plants, the habitats they help form, and the to the availability of collaborators to conduct other organisms that coexist with them has effective work in the Southeast.

During facilitated planning sessions at SePPCon members, and their working partners is by 2020, we were prompted to consider our shared challenges and visions of success - here is what of State Wildlife Action Plans (SWAPs). SWAPs was said: Resource prioritization is important; a were developed as a prerequisite for State formal regional alliance is needed and can be Wildlife based on various other groups but tailored to Southeastern regional needs; we would benefit Grants beginning in 2005, are revised every from the development of a regional species of greatest conservation needs list for plants; Conservation Need (SGCN) lists (AFWA's and advocacy efforts are critical. The SE PCA Teaming with Wildlife Committee 2012). These leadership team reiterated these topics as the SGCN have primarily been used to represent Alliance came to fruition and began meeting animals of conservation concern, although some regularly in 2020. We consulted with other initiatives, including regional, national, and international collaborative organizations, to draw on their strengths and lessons learned. Virtual strategic planning in October and North Carolina, Oklahoma, and Texas have November of 2020 led to the development committed to including plants as SGCN in their of our mission and high-level goals. From 2025 SWAPS, but all states in the SE plan to March to July of 2021, additional planning was include them in some form (M. Humpert and conducted to inform our goals, action items, and key takeaways (Figure 1). This allowed us to identify available resources, define our needs, list meaningful tasks that will be addressed by the SE PCA network in its first 3 - 5 years, and document collective needs and desired Along with utilizing the Southeastern Plants outcomes. Among the preferred outputs, there of Greatest Conservation Need (RSGCN). This SWAPs, we suggest it can promote regional short-term outcomes, long-term impacts, and promote more efficient plant conservation in the Southeast and beyond.

current, new and potential partners on the best. One way that progress is being made at the been through engagement with state agencies, natural heritage, and other NatureServe network supporting and assisting with implementation

> 10 years, and include Species of Greatest states have included plants to varying degrees. Inclusion of plants in SWAPs has increased across the region and nation (Figures 2 & 3; Moffett 2020). Currently, Alabama, Florida, Mississippi, N. Edelson, personal communication, May 3, 2023). If a state does not have their own SGCN list, we hope they can pull from the SE Plants RSGCN list.

Regional Species of Greatest Conservation was a consensus to develop a Regional Species Need (SE Plants RSGCN) list to inform was identified as an activity that would support collaboration for imperiled species, along with demonstrating needs for research and conservation. Additionally, we believe it will help to prompt states to clear backlogs by entering their data into state databases (Figure 2). It does not attempt to define priorities for



The Southeastern Plant Conservation Alliance bridges gaps between local and national efforts to prevent and restore the loss of plant diversity. This is achieved by increasing awareness, building capacity, facilitating novel partnerships, and leveraging shared resources to stimulate collective success in our region.



Figure 1. Overview of the goals of the Southeastern Plant Conservation Alliance

individual states but rather will allow them to use with Wildlife Committee 2012). the data within the list to help make decisions and in protection among states, based on available information & rankings. For example, G4 and/or G5 species cannot be added for some SWAPs, while others can adapt more freely. Voluntary standards are documented by the Associate of Fish & Wildlife Agencies (AFWA) to inform best practices for states to follow AFWA's Teaming

Figure 2. Treatment of plants in State Wildlife Action Plans from Moffett 2020.



address their own priorities. Species often vary Taxonomic updates impact G-Ranks and affect the status of species, along with conservation priorities. This includes the competitiveness of land acquisitions. The Southeast has access to and the support of Alan Weakley and the FSUS Team, which is an invaluable resource. Utilizing the Flora of the Southeastern United States (Weakley et al. 2023) as the reliable taxonomic standard and the inclusion of conservation status assessments and ranking updates in accordance with NatureServe (Faber-Langendoen et al. 2012) with representatives of the NatureServe Network. Additionally, ranking over time is important to capture changes, in particular decline towards rarity. A review resulting in an updated rank of G3, for instance, raises the profile of a species by indicating vulnerability before it potentially becomes imperiled. These are reasons why the RSGCN process and product included a ranking workshop and documents additional needs for assessments and updates. Assessing the hundreds of taxa in the Manual Review Needed category that did not qualify as RSGCN could allow Global

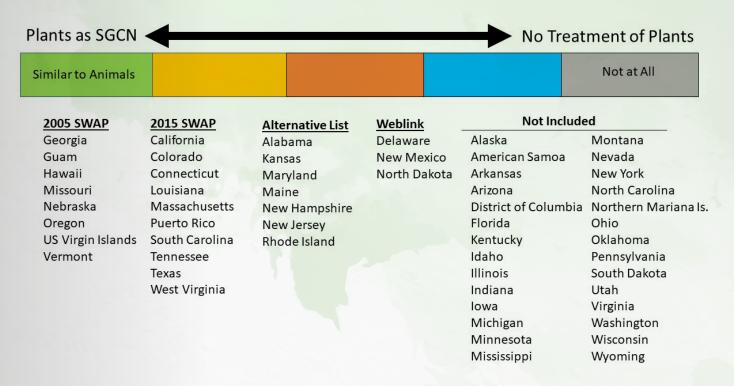
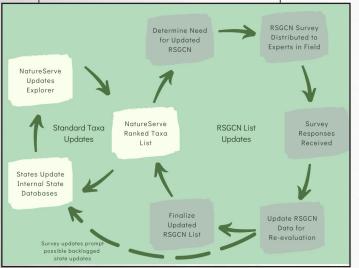


Figure 3. Table representing treatment of plants in State Wildlife Action Plant from Moffett 2020.

ranks to be assigned to taxa that are potentially, and would more significantly be addressed, as G3. Ranking workshops are likewise a venue for productive discussions regarding threats and needs, which can be added to NatureServe data and inform needed conservation activities.

a RSGCN for Southeastern plants at the request of the SEAFWA Wildlife Diversity Committee

Figure 4. Visual demonstration of the cycle of standard taxa updates with the addition of RSGCN list updates.



and has harnessed the momentum of the region's Animal RSGCN list that was developed in 2018-2019. Developing the nation's first plant RSGCN list has resulted in unexpected benefits, including the promotion of complementary data updates through stimulation of states' standard process of updating species information. This The SE PCA embarked on this journey to create occurred as a byproduct of states prioritizing data during the survey and technical review for the RSGCN assessment process. These two processes work in tandem to ensure up-to-date species information is available for local, state, and national conservation efforts. The comradery of botanical experts thrived during this process, further enhancing the SE PCA network. Focusing on taxa that occur, or potentially occur, across multiple states has facilitated discussion of in situ and ex situ conservation needs. It will encourage the development of plans that transcend political boundaries. This will support more cohesive work between partners, including efforts involving the USFWS to assess at-risk and listed species and the natural communities in which they occur (Noss et al. 2021) – it is our shared responsibility and opportunity.

Methodology

Phase 1: Planning and Selection of Methodology

The first phase of creating the Regional Species of Greatest Conservation Need (RSGCN) list began with planning and determining which methodology to use for RSGCN selection and categorization (Very High, High, Moderate, and Low Level of Conservation Concern [LoCC]) for ranking species. The Planning Team, which included representatives from the Southeastern Plant Conservation Alliance (SE PCA), the Atlanta Botanical Garden (ABG), NatureServe, the Southeastern Association of Fish and Wildlife Agencies (SEAFWA), Terwilliger Consulting, Inc. (TCI), and the Flora of the Southeastern United States (FSUS), met to consider different literature, RSGCN lists in other regions of Plants RSGCN) list:

- status ranks to species based on rarity (range/ process documents all information pertinent Method directly. to the species status (Faber-Langendoen et data influencing the Global Rank are A comprehensive list was compiled for all vascular provided by localized assessments by scientists on the ground.
- Conservation International database to (Larkin et al. 2016).
- Species Status Assessment Framework characterizes species status and risk based

- changes, and expected responses to future ecological changes (U.S. Fish and Wildlife Service 2016).
- Terwilliger Consulting Method determines RSGCN list eligibility based on a combination of filters for regional responsibility, G-Rank, S-Rank, IUCN Red List, and Federal listing (Terwilliger et al. 2021).
- Wyoming Protocol taxa are ranked based on totaled scores of each of seven criteria: distribution, number of populations, number of individuals, habitat specificity, intrinsic rarity, magnitude of threats, and population trend (Fertig 2012).

methodologies. These were sourced from The NatureServe Method was determined to be the most appropriate methodology to use. the United States, and the expertise of the The methodology utilizes readily available and organizations involved in the Planning Team. the most up-to-date possible data. All vascular The following methods were considered for the plants have been evaluated at least once in the creation of the Southeastern Plants Regional NatureServe Method which provides a robust Species of Greatest Conservation Need (SE and credible baseline of data. Additionally, other methods that were considered such as the Wyoming Protocol and the Terwilliger • NatureServe Method - assigns conservation Consulting Method use NatureServe data in their evaluations. This led the Planning Team to distribution and abundance/condition), determine that confidence in the NatureServe threats, and trends but the assessment data was high enough to utilize the NatureServe

al. 2012). Subnational ranks and supporting Phase 2: Prescreening and Survey Development

plant taxa that are native in any portion of the Southeastern Continental U.S. region (Alabama, • PIECES Method - evaluates ex situ collections Arkansas, Florida, Georgia, Kentucky, Louisiana, utilizing NatureServe global conservation Mississippi, Missouri, North Carolina, Oklahoma, status ranks and the Botanic Gardens South Carolina, Tennessee, Texas, Virginia, and West Virginia) as defined by SEAFWA. The list was determine ex situ status and the relation developed using distribution data, specifically between ex situ collections and threat rank nativity and presence by state, maintained by NatureServe and the NatureServe Network (2022). When full species or infraspecific taxa qualified for the list, the higher taxonomic rank on the ecological needs of an individual was excluded to avoid double counting. For species, the species' habitat, population example, Alnus maritima ssp. oklahomensis and

Alnus maritima ssp. georgiensis were included, while Alnus maritima was excluded. The resulting list for the region included 9,271 taxa.

To identify the RSGCN, the 9,271 taxa native to a third of Southeastern United States (5 or more the SEAFWA Region were analyzed to assign prescreened LoCC. The initial prescreen levels taxa with range ranks like G2G3, G3G4, or G4G5 were based on earlier efforts to prioritize the were given a lower priority than ranks expressing regional flora to support an Ex Situ Gap Analysis less uncertainty i.e., G2 and G2?, G3 and G3?, or of High Priority Plant Taxa of Conservation G4 and G4?. Concern in the Southeast U.S. (Bruns et al. 2022). NatureServe applied these criteria focused on The LoCC were assigned as 'Very High', 'High', combinations of global and subnational ranks to 'Medium', and 'Low' or 'Manual Review Needed' the list of native taxa, assigning a LoCC to each taxon, as elaborated on below. These criteria for the initial prescreened LoCC were discussed at with other regional RSGCN animal efforts. The Planning Team meetings on January 31, February criteria for assigning priority groups are outlined 8, and February 24, 2022. Final methodology was in Table 1. presented to the Survey Team on March 14, 2022.

NatureServe's Biotics database (2022) provided taxonomic information (accepted name, synonym(s), classification), global, national, and subnational ranks, state-level distribution, and as available, conservation and habitat information. The comprehensive list of native taxa and associated information were compiled in an Excel workbook to support the survey of botanists from the SEAFWA Region. This survey provided the opportunity for feedback on the prescreened LoCC and the data supporting the criteria, e.g., conservation statuses, taxonomy. Input from the surveys led to refinements of this previous method by Bruns et al. (2022), to consider only Extinction Risk.

The Extinction Risk, based on NatureServe Conservation Status Ranks, was used to determine which species have the greatest conservation need. While G1 to G3 species are considered globally at risk of extinction, G4 and G5 are not considered vulnerable to extinction. However, many State level programs track species that have a high extirpation risk (S1 or S2) in their state, independent of the Global Rank, which could be a Using the species data and LoCC provided by G4 or G5. This is important as it often protects the NatureServe, a species assessment survey was

environments, which may harbor important genetic diversity of the taxon. A subset of these taxa were included for regional prioritization. For example, G4 taxa that are at risk of extinction in states) were given greater priority. In addition,

and with 'Very High', 'High' and 'Moderate' proposed for the RSGCN to maintain consistency

Table 1. Method for application of Levels of Conservation Concern. NatureServe's Global Ranks and subnational rank criteria are described for each Level of Conservation Concern. Infraspecific (T) ranks are not listed but follow the same method outlined. *Consideration of subnational ranks (S-Rank(s)) only for states within the Southeastern U.S. region.

Rank	Level of Conservation Concern
GX, GH, G1 (incl. G1, G1G2, G1?), or G2 (incl. G2?)	Very High
G2 (incl. only G1G3, G2G3) or G3 (incl. G3?) with only rounded S1, S2, SH, or SX* S-Ranks	High
G3 (incl. G3?) with SNR or rounded S3, S4* or other rounded G3 (incl. G2G4, G3G4) or G4 (incl. G4?) w/ ≥5 states with rounded S1, S2, SH, or SX* S-Ranks	Moderate
G4 (incl. G3G5, G4?, G4G5), G5 (incl. G5?), or GNA	Low
GNR, GU	Manual Review Needed

edge of a species range or occurrences in unique developed to distribute to the Survey Team for

feedback. Questions posed in the survey were designed to evaluate currency of the provided data, to share new information that was not yet reported by states to NatureServe, and to collect any additional anecdotal information from surveys about the threats, needs, and general status of each plant.

The species assessment survey was modeled after those previously distributed for the Northeast Association of Fish and Wildlife Agencies (NEAFWA; Terwilliger Consulting 2023), the Midwest Association of Fish and Wildlife Agencies (MAFWA; Terwilliger et al. 2021), and the SEAFWA (Rice et al. 2019) RSGCN animal lists. The NEAFWA, MAFWA, and SEAFWA RSGCN animal lists were facilitated by TCI and their expertise guided the formation of the survey for the SE Plants RSGCN list. The survey was formatted in an Excel file containing species were selected and invited to participate in the information and classification data provided by RSGCN list creation process as Survey Team NatureServe.

Survey questions were embedded as columns NatureServe Network Member Programs, State next to the relevant data and included primarily Plant Conservation Alliances, Tribal Nations, yes/no responses. The response options for Federal botany, ecology, and biology programs, each question are included below. All columns and other botanical organizations. The survey was included filters to facilitate easier organization and sorting of the nearly 10,000 taxa on the list.

Relevant data included:

- Alternate taxonomic treatments
- Region
- Prescreened Level of Conservation Concern
- G-Rank
- S-Rank
- Region

survey included:

- the Level of Conservation Concern needed? If ves, why?
- RSGCN Level of Conservation Concern?

- RSGCN Level of Conservation Concern comments or recommendations
- Global rank review needed?
- State rank review needed?
- What do you perceive being the greatest threats to these species? (Top 3 choices)
- Why are these your top 3 choices threats to this species? (Please write a detailed response)
- What does this species need to enhance conservation? (Top 3 choices)
- Why are these your top 3 choices for how to enhance conservation for this species? Are there any others that were not included here? (Please write a detailed response)

Phase 3: Survey Team Review and Analysis

During the Survey Team Review phase, individuals members. State and regional experts were selected based on their involvement with distributed to 130 experts who were encouraged to pass it along to other appropriate experts and the file was made available as a downloadable Excel file from the SE PCA website. Individuals responding to the survey were given 7 weeks Geographic range relative to the SEAFWA (March 14, 2022 - May 5, 2022) to return their feedback.

Surveys were received from 30 respondents and represented all 15 states of the SEAFWA • Presence in each state of the SEAFWA Region included in the Southeastern Plants RSGCN list (Table 2). In total, 1,596 (17.2%) taxa received Survey Team feedback. Responses Questions posed in the species assessment were combined into a single spreadsheet and the number of individual responses to each • Is a taxonomic update that would impact question were tallied in R using code provided by TCI. The LoCC for each taxon was treated as the representative sum of data in question. • Do you disagree with the prescreened Species were categorized based on the level of consensus in response to the question "Do you

disagree with the prescreened RSGCN Level of Conservation Concern?" from the Survey Team: taxa that were in the Highest Response Priority no responses, 100% consensus, >50% no, >50% category from Table 3. The list of taxa can be yes, lower, >50% yes, higher, one response, <50% consensus, 50/50 responses, and >50% I don't know.

Phase 4: Technical Team Review

Phase 4 of the RSGCN process began with sending the combined list of survey responses to the Technical Team. The Technical Team included one representative from each state or a total of 23 members charged with evaluating survey feedback and making decisions on updates to the RSGCN list. The combined survey responses list was distributed to the Technical Team along with an explanation of how responses were categorized and the priority species the team would need to evaluate (Table 3).

Three consensus meetings were conducted virtually in July and August 2022. During these meetings, the Technical Team evaluated and, if

Table 2. Number of survey responses by state

State	Number of Responses
Alabama	1
Arkansas	1
Florida	2
Georgia	5
Kentucky	3
Louisiana	1
Mississippi	2
Missouri	1
North Carolina	3
Oklahoma	2
South Carolina	2
Tennessee	4
Texas	1
Virginia	1
West Virginia	1
Total	30

appropriate, updated the LoCC for each of 130 found in Appendix 1. Technical Team members discussed survey responses, presented new data or updates that had not yet been reported in Biotics, and gave additional evidence that might impact the LoCC. Following these discussions, Technical Team members voted on how, and if, to change the LoCC.

For example, Actaea racemosa (Black cohosh) NatureServe Network Program organization for had a prescreened LoCC of Moderate. Survey feedback indicated that of the nine individuals that responded to the question "Do you disagree with the pre-screened Level of Conservation Concern?," one responded, "I don't know," four responded, "Yes, Level of Conservation Concern is lower than indicated," and four responded, "No." The Technical Team discussed the responses to the question about the LoCC in addition to G-Rank, S-Rank, threats, needs, and general comments. They also brought their own expertise into the discussion. After discussion,

Table 3. Prioritization of Technical Team responses based on Survey consensus to Levels of Conservation Concern

Response Priority	Response Type	Response Type Description
Highest Response Priority	>50% IDK; 50/50 Responses; <50% Consensus	Species with mixed responses, with recommendations from the responses to raise, lower or keep the same the RSGCN Level of Conservation Concern. These are the species that need the most attention by the Technical Team. Should the RSGCN Concern Levels for these species be revised, and if so, higher or lower?
Moderate Response Priority	One Response	Species that only received one survey response. We need a wider consensus from the Technical Team on whether the recommended change to the RSGCN Level of Conservation Concern for these species should be made or not.
	>50% Yes, Lower; >50% Yes, Higher	Species where there was majority but not unanimous responses to change the RSGCN Concern Level either lower or higher respectively. We need the Technical Team to make final recommendations on whether to revise the RSGCN Level of Conservation Concern lower or higher for these species in accordance with the majority of responses.
	>50% No	Species where the majority of responses indicated no changes were recommended for the RSGCN Level of Conservation Concern. Does the Technical Team agree?
Lowest Response Priority	100% Consensus	Species where there was unanimous consensus to either leave the RSGCN Level of Conservation Concern as is or to raise or lower it. We propose to make the changes recommended by the consensus (or leave them as is) unless the Technical Team has a strong objection.
	No Responses	Species that received no responses in the survey. We propose to make no changes to the RSGCN Level of Conservation Concern of these species unless the Technical Team flags species for discussion. If the RSGCN Level of Conservation Concern in Column T is "Low" or "Manual Review Needed", the species is not proposed to be identified as RSGCN at this time.

leave the LoCC as Moderate. This process was states to consider State Rank changes in concert repeated for each of the 130 species on the with Global Rank changes or vice versa. Prior to Technical Team's list.

During the Technical Team meetings, a pattern was discovered whereby 23 species with a G3/ S3 rank were consistently updated to an LoCC of "Moderate" rather than "High." This led NatureServe to propose removing those species other unforeseen issues that may hinder the from Technical Team discussion and adapting the review process. In addition, ranking workshop methodology so that those and similar species were included in the "Moderate" group during suggested an additional 16 taxa at the workshop screening. Additionally, split ranks were rounded up to a more conservative G-Rank (e.g. G2G3 to G3, G3G4 to G4). This generally changed the prescreened LoCC from "Very High" to "High" or "High" to "Moderate". The Technical Team voted unanimously in favor of the decision. This change is reflected in the methodology description in Phase 2 above.

It should be noted that 21 species were not voted on by the Technical Team. These species included state endemics that could be addressed one-onone with those states, species with questionable taxonomy, and species that required further discussion with specific states or individuals to ensure the most up-to-date information was being used for decision making. NatureServe followed updates to those species' LoCC.

Phase 5: Ranking Workshop

The Extinction Risk of the taxon, as determined through NatureServe's Conservation Status Ranks Prior to the workshop, necessary taxonomic (i.e. G-Rank) was the primary component used to apply the LoCCs. The species assessment assessments were completed following survey distributed to the Survey Team asked the NatureServe's methods for conservation status question "Global Rank review needed?" The assessments (Faber-Langendoen et al. 2012). Survey Team suggested 455 taxa in need of a Information from a variety of sources was used Global Rank review based on their knowledge to "score" up to eight factors of rarity, threats, of the species or current state status, rank review or trends following specific guidance of the date, or taxonomic issues. Funding supported methods (Master et al. 2012). The relevant 50 Global Rank reviews to be included in a factors for each taxon were entered into the ranking workshop with species experts from the Rank Calculator, an excel based tool, to calculate

the majority vote of the Technical Team was to NatureServe Network. This approach allowed the the workshop, a subgroup of the Technical Team evaluated the 455 suggested taxa and proposed 85 high priorities to consider during the workshop. While we expected to complete 50 taxa, a larger list was created to provide flexibility in the event of inadequate data, unresolved taxonomy, or participants and members of the Survey Team, bringing the potential list of taxa to rank to 101. Some considerations of the prioritization:

- The geographic range of the taxon must be entirely or nearly completely within the SEAFWA Region, as the workshop only included SEAFWA Region botanists.
- Global Rank reviews that may result in a change in Global Rank that would impact the taxon's inclusion on the RSGCN list, e.g. "Manual Review Needed" to "Very High to Moderate" OR "Very High to Moderate" to "Low" and vice versa, based on notes from survey respondents or projected/suggested rank.

Our approach of focusing on taxa on the edge up with these pending species and reported the of inclusion on the RSGCN list, allowed us to results of discussions and research as appropriate minimize the need to manually override the criteria (Table 1), instead correcting ranks at the source, at the state and global level in the NatureServe Biotics database.

updates were implemented and preliminary

collaboration. All attendees were given advance number of taxa in the moderate and low response access to a shared word document of preliminary assessments, the prepopulated Rank Calculator, would be maintained except where changes were and compiled locality data. At a minimum, the recommended by the Survey Team with >50% preliminary assessments documented the species consensus. Those taxa with >50% consensus (438 geographic range, habitat, but other information pertinent to the species status was incorporated as available.

The Southeastern Plants Regional Species of Greatest Conservation Need Ranking Workshop was held in person at ABG in Atlanta, Georgia (WDC) for their review and comment. during October 17th to 20th, 2023, with virtual participation fully supported. Twenty-eight representatives from 15 states were in attendance (SE Plants RSGCN Ranking Workshop 2022). During the workshop participants reviewed, provided comments, and edited preliminary assessments and maps. Special focus was placed on confirming the geographic range and significant threats and trends influencing the Global Rank. For each taxon assessed, the workshop participants voted on the finalized Global Rank, reaching consensus. We surpassed expectations, reaching consensus and reviewing the Global Ranks of 71 taxa (Figure 3).

Biotics database with new Global Ranks and supporting information compiled during and by Global Rank. The new assessments and ranks are available to the public on NatureServe Explorer.

Phase 6: RSGCN Finalization, Analysis, and **Report Development**

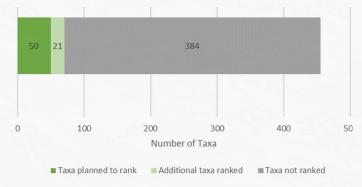
The final phase of the RSGCN process involved finalizing RSGCN LoCCs, reviewing the list with project partners, and adding supplemental data to ensure the RSGCN list was as complete as possible before writing and publication.

RSGCN taxa that were identified as moderate (1,164 taxa) or low (9,142 taxa) response priority for the Technical Team based on Survey Team consensus (Table 3) were discussed with the

Global Ranks (Master et al. 2012) and facilitate Planning Team. It was decided that due to the total priority categories (10,306), pre-screened LoCCs taxa) had the appropriate changes to their LoCC made by NatureServe, preliminarily finalizing classifications of taxa on the RSGCN list. After updating the LoCCs for all appropriate taxa, the RSGCN list was shared with the Technical Team and the SEAFWA Wildlife Diversity Committee

After finalizing the RSGCN list, the Planning Team began discussions to compile climate tools and vulnerability assessment notes by way of the 2022 United States National Vegetation Classification (USNVC) and NatureServe's LANDFIRE (2022). A postdoctoral researcher position was funded through the United States Geological Survey (USGS) and the Southeast Climate Adaptation Science Center (SE CASC) to lead a portion of this project, creating maps, figures, and text with the purpose of adding climate-vulnerability assessment and ecosystem information to the list of potential RSGCN taxa. The addition of this information will inform future climate-vulnerability After the workshop, NatureServe updated the studies, species status assessments (SSAs), and SWAP revisions. Furthermore, USNVC Groups and Alliances are being crosswalked with Alan email after the workshop justifying the current Weakley's Flora of the Southeastern United States (2023) to create an Ecological Systems crosswalk.

Figure 5. Taxa ranked at the Ranking Workshop in October 2022. 50 taxa were planned to have Global Ranks updated during the workshop and an additional 21 were ranked. 384 taxa remain with Global Ranks needing evaluation as indicated by the Survey Team.



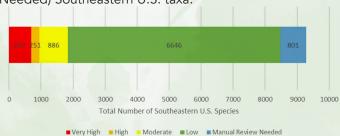
Utilizing the RSGCN list created during this 1,517 (86.8%) of which were determined to be process, additional information is already being RSGCN taxa. gathered and compiled to supplement the list and prove its utility for expanding conservation **RSGCN** efforts.

Results

The Big Picture

The original pre-screened taxa list provided by NatureServe included 10,437 taxa from the Southeastern Association of Fish & Wildlife Agencies (SEAFWA) region, excluding taxa from Puerto Rico and the U.S. Virgin Islands. Due to the consistency of database updates (see Regional Responsibility & Opportunity), our confidence in the NatureServe data was very high. Knowing that all taxa would not receive feedback, this allowed survey respondents to prioritize high priority taxa. After evaluation by the survey team and further database updates by NatureServe, 1,166 taxa were removed due to overlapping or outdated taxonomy. The remaining 9,271 taxa make up the Regional Species of Greatest Conservation Need (RSGCN) list and also include those considered Not RSGCN - the Low Level of Conservation Concern (LoCC) and Manual Review Needed taxa (Figure 4).

Figure 6. Graph of RSGCN (Very High, High, and Moderate LoCC) and Not RSGCN (Low LoCC and Manual Review Needed) Southeastern U.S. taxa.



Feedback from species assessment surveys included responses to the question "Do you disagree with the pre-screened Level of Conservation Concern?" for 1,596 (17.2%) taxa. An additional 152 (1.6%) taxa did not receive LoCC feedback but received responses to at least one of the other questions posed in the species assessment survey. In total, 1,748 (18.8%) taxa received feedback during the survey process,

The RSGCN list is composed of 1,824 taxa in the Very High, High, and Moderate LoCC categories. The makeup of each of these categories was defined by a specific combination of G-Ranks and S-Ranks as reported by states and defined by NatureServe. The largest family in the Southeastern U.S., Asteraceae, also boasts the highest proportion of RSGCN taxa (271 RSGCN taxa, 14.86% of RSGCN list). Table 4 outlines the top 10 families by both Southeastern U.S. taxa composition and their occurrence on the RSGCN list. Nine of these families are both highest by Southeastern U.S. taxa composition and RSGCN occurrence. Fagaceae is the 10th highest by Southeastern U.S. taxa composition (152 taxa) but is not top 10 of RSGCN families on the RSGCN list with only 13 RSGCN taxa. Cactaceae has 151 taxa in the Southeastern U.S. but 65 of those taxa are on the RSGCN list bringing Cactaceae to the 10th most prevalent family on the RSGCN list. The final list of RSGCN taxa can be found in Appendix 2.

Table 4. Table with top 10 families by Southeastern U.S. taxa composition and by RSGCN occurrence

Family	Total Southeastern Species	RSGCN Species
Asteraceae	1305	271
Poaceae	737	83
Cyperaceae	595	88
Fabaceae	547	129
Rosaceae	384	82
Lamiaceae	255	84
Euphorbiaceae	212	49
Brassicaceae	182	60
Orchidaceae	176	55
Fagaceae	152	13
Cactaceae	151	65
		966

RSGCN data was supplemented with categories The effort to attribute USNVC Groups to the based on informal taxonomy and high-level habit RSGCN taxa (a species-habitat crosswalk) by the Leptosporangiate Ferns (31), Spikemosses and States Project at the North Carolina Botanical Quillworts (21), Conifers (5), Gnetophytes (3), Adder's-tongues, Grapeferns, and Moonworts habit(s) and/or sub-habit(s) including herbaceous, and dozens of traditional floras, combined with vine, tree, fern, and graminoid. Habit and habit the species. sub-groups are available for many but not all RSGCN taxa. Growth habits follow United States A chief outcome of the habitat assignments for Department of Agriculture Natural Resources Conservation Service (USDA, NRCS) PLANTS database classification (2023).

We have categorized the primary habitats of each of the 1,824 RSGCN plant taxa by assigning each to one or more Groups in the United States abundance and imperiled by landscape changes National Vegetation Classification (USNVC). The USNVC was chosen because it is an international classification and is a federal standard for use and reporting across federal land-managing agencies. This hierarchical classification is increasingly, though still variably, in use by both federal agencies in the SEAFWA Region, by NatureServe, and by state natural resource, natural heritage, and wildlife agencies.

by NatureServe. The nine informal taxonomic RSGCN Team was led by Alan Weakley and Scott groups include Dicots (1,380), Monocots (379), Ward at the Southeastern Flora of the United Garden. We made use of habitat information previously compiled by NatureServe, along with (3), Cycads (1), and Clubmosses (1; Figures 5 & habitat information in the FloraManager system 6). Each taxa was also categorized by growth of the Flora of the Southeastern United States, woody, succulent, semi-woody, shrub, subshrub, personal expertise and experience with many of

the 1,824 RSGCN plant taxa is that these taxa are not at all evenly distributed across habitats in the region. In 2023, imperiled species tend still to be mostly "naturally rare" species, which were always scarce and specialized on the landscape, but that have now been additionally reduced in associated with human alterations of ecological processes and uses of land incompatible with those species. Historically common ("matrix") communities did not generally evolve naturally rare plant and animal species, and while some historically common and widespread taxa have become imperiled (Buchnera americana, Schwalbea americana, Bobwhite Quail) or even extinct (Passenger Pigeon) by alteration of those common "matrix" communities and

Figure 7. Number of RSGCN taxa in informal taxonomic groups Dicots, Monocots, and Other which includes Leptosporangiate Ferns, Spikemosses, Quillworts, Conifers, Gnetophytes, Adder's-tongues, Grapeferns, Moonworts, Cycads, and Clubmosses.

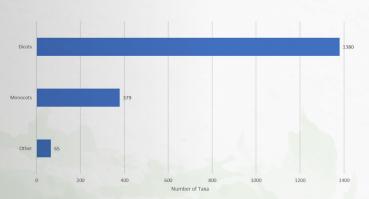
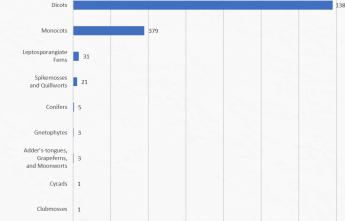


Figure 8. Number of RSGCN taxa by information taxonomic groups in the Other category listed in Figure 7.



"small patch" habitats.

communities that have been vastly altered or threats to nearly all imperiled taxa are additional degradation of the ecological processes driving land-based – land conservation and restoration, improved land management with attention to ecological processes, with fire being an especially region. The concentration of RSGCN taxa in to conserve species by focusing our efforts on RSGCN taxa (plants and animals) in these areas thus the conservation of these ecosystems and offers a conservation efficiency by structuring conservation action by habitats with suites of species, rather than a piecemeal species-byspecies approach.

Table 5. Top 15 United States National Vegetation Classification Group assignments for RSGCN taxa

Group	Number of Taxa
Wet-Mesic Longleaf Pine Open Woodland (G190)	96
Xeric Longleaf Pine Woodland (G154)	79
South Florida Slash Pine Rockland (G005)	54
Central Interior Alkaline Open Glade & Barrens (G179)	45
Florida Xeric Scrub (G177)	42
Appalachian - South-central Interior Mesic Forest (G020)	36
South Atlantic & Gulf Coastal Dune & Grassland (G494)	32
Tamaulipan Dry Mesquite & Thornscrub (G099)	30
Blackland & Coastal Tallgrass Prairie (G335)	30
Atlantic & Gulf Coastal Plain Seep (G187)	26
South Atlantic & Gulf Coastal Plain Pondshore & Wet Prairie (G915)	26
Southern Coastal Plain Mixed Evergreen Swamp (G037)	22
Caribbean Hardwood Hammock & Coastal Strand Forest (G765)	18
Southern Mesic Beech - Oak - Mixed Deciduous Forest (G166)	17
Central & Southern Appalachian Seep (G184)	17

their ecological processes, the bulk of imperiled The majority of the 846 taxa assigned Groups species are habitat specialists of "large patch" or were affiliated with a single (669 taxa) or two (137 taxa) Groups, but some taxa had up to 7 Group assignments. However, this illustrates the RSGCN plant taxa are concentrated in particular habitat-specific requirements of most RSGCN habitats that were either naturally rare and now taxa and the associated conservation challenges. have additional threats (South Florida Pine Specifically, Wet-Mesic Longleaf Pine Open Rocklands, various glade and barren habitats, Woodland, Xeric Longleaf Pine Woodland, mountain bogs and fens, etc.) or in matrix and South Florida Slash Pine Rockland have the greatest numbers of RSGCN plant taxa destroyed (longleaf pine ecosystem communities, (96, 79, and 54 taxa respectively). However, 12 Texas-Louisiana Coastal Prairies, etc.). The primary ecological groups have more than 20 RSGCN plant taxa including a wide range of ecosystems, loss or alteration of their habitat and additional from Appalachian groups such as Appalachian-South-central Interior Mesic Forest (36 taxa), that community and its associated species. groups in the far-Western portion of the SEAFWA Because habitat loss and degradation are the region such as Tamaulipan Dry Mesquite and drivers of species imperilment, the primary Thornscrub (30 taxa), and coastal seeps such effective conservation actions that matter are as Atlantic and Gulf Coast Plain Seep (26 taxa). The distribution of RSGCN taxa across these ecosystems demonstrates the vast ecological diversity of RSGCN taxa across the geographic important and pervasive issue across the SEAFWA extent of the region. A total of 31 USNVC Groups had at least 10 species, indicating that much of particular habitats offers us hope of being able the ecological diversity of the region supports substantial biodiversity of conservation need. these parts of the landscape that present rich and Many of these same habitats tend to provide efficient conservation targets. The correlation of critical habitat for RSGCN animal species, and

Table 6. Threat and need response options provided to the Survey Team for selection. Respondents were asked to indicate the top three threats and needs for each taxon for which they gave feedback.

Threats	Needs
Residential & commercial development	Land Protection & Management
Agriculture & aquaculture	— Land acquisition or conservation easements
Energy production & mining	— Prescribed fire
Transportation & service corridors	— Habitat restoration or enhancement
Biological resource use	Safeguarding & Conservation Networking
Human intrusions & disturbance	— Seed banking or ex situ cultivation
Natural system modifications	— In situ augmentation/reintroduction
Invasive & other problematic species, genes, & diseases	— Plant Conservation Alliance style partnerships
Pollution	Monitoring & Research
Geological events	— Genetics & taxonomy
Climate change & severe weather	— Reproductive biology/ ecology
	— Needed surveys/inventory & monitoring

their plant diversity supports conservation of (72%) are endemic to the SEAFWA Region with much of the regional biodiversity.

Not RSGCN

The 7,747 taxa in the Low LoCC and Manual Review Needed categories are not considered RSGCN taxa. Low LoCC taxa (6,646) are considered globally secure or apparently secure. The Manual is a single-site endemic species under threat Review Needed taxa (801) include taxa that have of extinction due to development pressures no Global Rank (GNR) or are unrankable due to taxonomic issues or data deficiencies (GU). This LoCC, this RSGCN species will rely on targeted group also includes taxa that are in the process conservation activities as one of 383 single-state of being removed or added as an accepted name in NatureServe's Biotics database. These names were included for the survey team's Zephyr Lily (Zephyranthes refugiensis) is endemic review to potentially identify taxa of conservation concern that require an immediate Global Rank enough range and population density to be S2 review or taxonomic reconsideration. Some taxa initially ranked as GNR or GU were identified as conservation targets and these were prioritized for Global Rank review prior to finalizing the list, moving them to the appropriate LoCC.

For example, while the taxonomy of *Nolina texana* was previously updated in the database, the Global Rank was not yet assessed, and currently carries a rank of GNR. This taxon is common in Texas and Arizona and was not identified for a increased rarity moving up the coast - AL (SNR), priority rank review as part of this project.

due to a backlog in the database, and assigned to the Manual Review Needed group. It was identified as a high priority for rank review and a states as Virginia and North Carolina makes the rank of G3 was assigned during the 2022 Ranking Workshop. Verbena riparia is an exemplary GU, of specific species along its range. as it is questionably distinct and has significant uncertainties around its distribution. It could be very rare or presumably extinct.

Regional Endemics

Species that are 100% contained within the continental SEAFWA Region, regional endemics, are of particular importance on the RSGCN list. Of the 9,271 total SEAFWA taxa, 3,027 (29%) are endemic to the SEAFWA Region. More importantly, of the 1,824 RSGCN taxa, 1,306

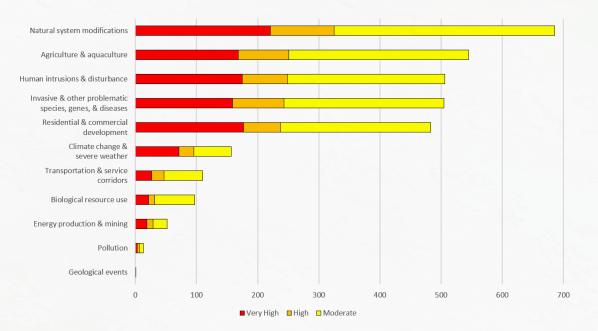
674 (52%) Very High LoCC, 609 (47%) High LoCC, and 23 (2%) Moderate LoCC.

Regional endemic taxa are imperative for Southeastern states to include in their conservation efforts because of their limited range. For example, Georgia Dwarf Trillium (Trillium georgianum) (NatureServe 2023). Ranked G1 with a Very High endemic, G1, and Very High LoCC species on the RSGCN list. Similarly, the hybrid species Refugio to two counties in Texas but has a significant and have a High LoCC. However, this endemic species has not been reviewed since 1991 and the population likely has seen significant changes since that time. A unique example of a Moderate LoCC endemic species is Small Dragonhead Pogonia (Cleistesiopsis oricamporium), a notable orchid species in the Southeastern U.S.. The S-Ranks for C. orciamporium in each state vary throughout the region with the dwindling extent of the range apparent as S-Ranks indicate FL (SNR), GA (SNR), LA (SNR), MS (S3), NC (S2), However, Euphorbia ouachitana was GNR, also SC (S3), VA (S1) (NatureServe 2023). As a G3 species, the opportunity to include additional monitoring and conservation activities for such RSGCN list a valuable tool to pinpoint the needs

Threats and Needs

During the survey process, the Survey Team was asked to indicate the top three threats and needs for each taxon. Pre-filled response options were provided for selection and are summarized in Table 6. Threat response options were selected based on high-level groups from NatureServe classifications. Need response options were selected from discussions during Southeastern Partners in Plant Conservation (SePPCON) 2016.

Figure 9. Graphic representation of Survey Team responses to each threat for RSGCN taxa



overview of the threats that are impacting plant 125 (14%) responses. The number of responses populations and what actions could improve for each threat and need category by LoCC can conservation outcomes.

Table 7. Total number of RSGCN taxa with Survey Team responses to each threat category by Level of Conservation Concern

Threats	Very High	High	Moderate	Total
Natural system modifications	221	104	366	691
Agriculture & aquaculture	168	83	299	550
Invasive & other problematic species, genes, & diseases	159	84	267	510
Human intrusions & disturbance	175	74	260	509
Residential & commercial development	177	60	248	485
Climate change & severe weather	71	25	63	159
Transportation & service corridors	27	20	65	112
Biological resource use	22	10	66	98
Energy production & mining	19	10	24	53
Pollution	3	4	6	13
Geologic events	1	0	0	1

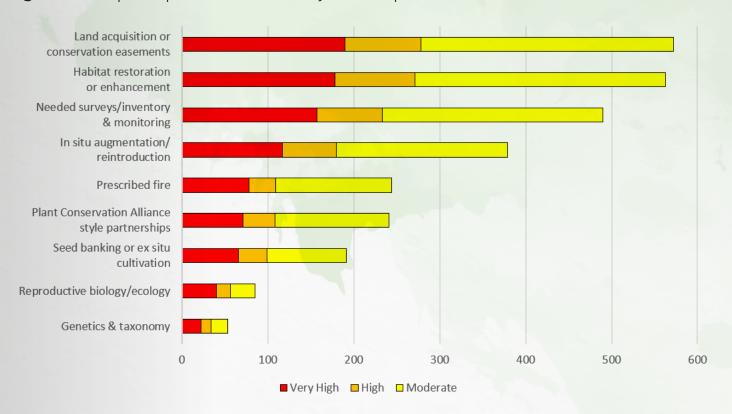
These responses represent a broad-ranging (38%) responses while High LoCC taxa received be found in Tables 7 & 8.

Of the 921 taxa for which the Survey Team gave The threats that received the most feedback threats and needs feedback, 897 (97%) were indicating the highest risk were natural system RSGCN (Very High, High, or Moderate LoCC). modifications; agriculture & aquaculture, invasive The highest proportion of responses was for & other problematic species, genes, & diseases; Moderate LoCC taxa with 432 (48%) taxa receiving human intrusions & disturbance; and residential feedback. Very High LoCC taxa received 340 & commercial development (Figure 8). These

Table 8. Total number of RSGCN taxa with Survey Team responses to each need category by Level of Conservation Concern

Needs	Very High	High	Moderate	Total
Land acquisition or conservation easements	190	88	299	577
Habitat restoration or enhancement	178	93	296	567
Needed surveys/inventory & monitoring	157	76	260	493
In situ augmentation/reintroduction	117	63	203	383
Prescribed fire	78	31	136	245
Plant Conservation Alliance style partnerships	71	37	135	243
Seed banking or ex situ cultivation	66	33	94	193
Reproductive biology/ecology	40	16	29	85
Genetics & taxonomy	22	12	19	53

Figure 10. Graphic representation of Survey Team responses to each need for RSGCN taxa



five threats account for 86% of the Survey Team During this process, 71 taxa received Global Rank responses to threats. The taxa needs selected by the Survey Team were led by land acquisition or conservation easements (20%) and habitat restoration or enhancement (20%) followed by needed surveys/inventory & monitoring (17%) and in situ augmentation/reintroduction (13%; Figure 9).

The feedback for each taxon was discussed during Technical Team deliberations. Utilizing observed threats and needs by the survey team Survey Team allowed the Technical Team to account for future impacts to each taxon. Acknowledging increasing threats such as natural system modifications, agriculture, and invasive species and how those would impact the needs of each taxon helped quide any manual LoCC changes.

In a few cases, the Technical Team updates sparked discussions of needing a Global Rank review from NatureServe. Global Rank updates were performed at the RSGCN Ranking Workshop.

29

updates, 20 of which had never been ranked (Table 9).



Platanthera integrilabia (Ian Sabo)

Table 9. Current and Previous Global Ranks for 71 taxa reviewed during the ranking workshop. **Bold indicates Global Ranks that changed as part of the workshop.**

Scientific	Synonyms	Previous	Rank	Rank	Current	NatureSer
Name		Global Rank	Review Date	Change Date	Global Rank	ve Rounded Global Rank
Andropogon virginicus var. decipiens	Andropogon campbellii, Andropogon decipiens	G5T4	9/14/2022	5/30/1995	G5T4	T4
Aristida condensata		G4?	10/6/2022	10/6/2022	G4	G4
Camassia scilloides		G4G5	10/7/2022	10/7/2022	G5	G5
Carex fumosimontan a		GNR	9/25/2022	9/19/2022	G2	G2
Carex tenax		G5?	9/27/2022	9/27/2022	G4	G4
Cheilanthes alabamensis	Hemionitis alabamensis , Myriopteris alabamensis , Pellaea	G4G5	10/28/2022	10/28/2022	G5	G5
	alabamensis					
Chrysoma pauciflosculos a	Solidago paucifloscul osa	G4G5	10/24/2022	10/24/2022	G4G5	G4
Cladrastis kentukea	Cladrastis lutea	G4	9/28/2022	4/5/1984	G4	G4
Cleistesiopsis bifaria	Cleistes bifaria	GNR	10/31/2022	10/31/2022	G3G4	G3
Clematis catesbyana	Clematis micrantha	G4G5	10/28/2022	10/28/2022	G5	G5
Clematis versicolor		G4?	10/28/2022	10/28/2022	G5	G5
Clinopodium georgianum	Calamintha georgiana, Satureja georgiana	G5	11/3/2022	11/3/2022	G4	G4
Cyperus tetragonus		G4?	10/12/2022	10/12/2022	G4	G4
Delphinium carolinianum ssp. vimineum		G5T5	11/3/2022	4/12/1988	G5T5	T5
Ditrysinia fruticosa	Sebastiana fruticosa, Sebastiania fruticosa, Sebastiania ligustrina	G5	9/29/2022	9/24/1987	G5	G5
Dryopteris ludoviciana		G4	10/31/2022	10/31/2022	G5	G5
Eriogonum tomentosum		G4G5	10/31/2022	10/31/2022	G5	G5
Erythrina herbacea		G5	9/30/2022	4/27/1988	G5	G5
Eupatorium leptophyllum		G4G5	10/24/2022	10/24/2022	G5	G5
Euphorbia longicruris		G4G5	11/1/2022	11/1/2022	G3G4	G3
Euphorbia ouachitana		GNR	10/26/2022	10/26/2022	G3	G3
Galactia mollis		G4G5	10/31/2022	10/31/2022	G4	G4
Helenium pinnatifidum		G4	10/28/2022	10/28/2022	G5	G5
Hibiscus aculeatus		G4G5	10/31/2022	10/31/2022	G5	G5
Houstonia procumbens		G5	9/30/2022	12/15/1988	G5	G5

Hypericum fasciculatum		G5	9/30/2022	12/15/1988	G5	G5
Hypoxis sessilis		G4	10/14/2022	10/14/2022	G3	G3
Ilex longipes	Ilex decidua var. longipes	GNR	10/25/2022	10/13/2022	G4	G4
Ipomoea corymbosa	Turbina corymbosa	GNR	10/26/2022	9/26/2022	G5	G5
Ipomoea macrorhiza		G3G5	10/28/2022	10/28/2022	G3	G3
Juncus georgianus		G4	10/28/2022	10/28/2022	G3	G3
Lepuropetalo n spathulatum		G4G5	10/31/2022	10/31/2022	G5	G5
Liatris aestivalis		GNR	11/1/2022	11/1/2022	G3	G3
Liatris secunda	Liatris pauciflora var. secunda	G4G5	10/25/2022	10/25/2022	G4	G4
Lupinus villosus		G5	11/3/2022	11/3/2022	G4	G4
Luziola fluitans var. fluitans		G4G5T NR	9/25/2022	9/20/2022	G5T5	T5
Monarda punctata var. arkansana		G5TNR	10/25/2022	10/25/2022	G5T3	Т3
Nemastylis nuttallii		G4	11/1/2022	11/1/2022	G3	G3
Oldenlandia boscii	Hedyotis boscii	G5	11/3/2022	12/15/1988	G5	G5
Paronychia baldwinii	Paronychia riparia	G4	10/25/2022	10/25/2022	G5	G5
Paronychia baldwinii ssp. baldwinii		G4TNR	10/25/2022	9/20/2022	G5T4	T4
Paronychia baldwinii ssp. riparia		G4T4?	10/25/2022	9/20/2022	G5T4	T4
Phanopyrum gymnocarpon	Panicum gymnocarpo n	G5	10/4/2022	1/1/1983	G5	G5
Physalis missouriensis	Physalis pubescens var. missouriensi s	G5?	11/2/2022	11/2/2022	G2	G2
Pieris phillyreifolia	Pieris phillyreifoli us	G3	10/28/2022	10/28/2022	G4	G4
Platanthera integra	Habenaria integra	G3	11/7/2022	7/16/2003	G3G4	G3
Platanthera nivea	Habenaria nivea	G5	11/7/2022	11/7/2022	G3G4	G3
Ponthieva racemosa		G4G5	10/31/2022	10/31/2022	G5	G5
Prunus umbellata		G4G5	11/1/2022	11/1/2022	G5	G5
Sageretia minutiflora		G4	11/2/2022	11/2/2022	G3G4	G3
Sagittaria isoetiformis		G4?	11/8/2022	11/8/2022	G3	G3
Scirpus divaricatus		G5	10/4/2022	10/4/2022	G4	G4
Scleria baldwinii		G4	11/2/2022	11/2/2022	G5?	G5
Scutellaria		GNR	10/25/2022	10/5/2022	G3	G3

Scutellaria ovata var. rugosa	Scutellaria ovata ssp. rugosa, Scutellaria ovata ssp. rugosa var. rugosa	G5TNR	10/25/2022	10/25/2022	G5T4	T4
Sisyrinchium capillare		GNR	10/25/2022	9/23/2022	G3	G3
Solanum pseudogracile		GNR	10/25/2022	9/27/2022	G4	G4
Solidago curtisii	Solidago caesia var. curtisii, Solidago curtisii var. curtisii	GNR	10/26/2022	10/26/2022	G5	G5
Sparganium acaule		GNR	10/26/2022	10/26/2022	G5	G5
Sphenopholis filiformis		G4?	11/3/2022	11/3/2022	G4	G4
Stenanthium densum	Zigadenus densus	GNR	11/7/2022	11/7/2022	G5	G5
Stenanthium gramineum var. gramineum		G4G5T NR	11/7/2022	11/7/2022	G4T4	T4

Stenanthium gramineum var. robustum	Stenanthium robustum	G4G5T3 T5	11/7/2022	11/7/2022	G4T3	Т3
Stenanthium leimanthoides	Zigadenus leimanthoid es	GNR	11/3/2022	11/3/2022	G2	G2
Stenanthium texanum	Stenanthium macrum	GNR	11/7/2022	11/7/2022	G3	G3
Syngonanthus flavidulus		G5	10/4/2022	11/18/1988	G5	G5
Trichomanes boschianum	Vandenbosc hia boschiana	G4	11/3/2022	4/8/1986	G4	G4
Trichomanes petersii	Didymoglos sum petersii	G4G5	11/3/2022	11/3/2022	G4	G4
Valerianella longiflora		GNR	11/1/2022	11/1/2022	G4	G4
Viola walteri	Viola walteri var. walteri	G4G5	11/2/2022	11/2/2022	G5	G5
Warea cuneifolia		G4	10/6/2022	10/6/2022	G3	G3

Disjunct and Edge-of-Range Species

NatureServe inquired with Southeastern NatureServe member program (e.g. Natural Heritage Programs) botanists to identify disjunct or edge of range species, found in the region. The approach was to identify taxa that are G4 or G5 (i.e. within the "Low" Level of Conservation Concern [LoCC], and therefore not on the Regional Species of Greatest Conservation Need [RSGCN] list) but rare and tracked in all the states where they occur in the southeast. Potential targets would not be designated RSGCN because of their Global rank but would be ranked as S3, S2, or S1in any southeastern state(s). Upon review of the taxa suggested by each state, only a few species qualified based on its presence and rarity throughout the region and wide-ranging presence outside the southeast.

Plant species considered to be edge-of-range or disjunct species that occur in and are tracked by more than one southeastern state were identified but would likewise be set as state priorities (not regional). These include *Packera schweinitziana* (New England Ragwort) and *Alnus viridis ssp. crispa* (Mountain Alder). *Packera schweinitziana* is a G5 that is disjunct from the northeast into North Carolina and Tennessee and tracked in each southeastern state where it is found. *A. viridis ssp. crispa* is a T5 that is disjunct from the northeast and occurs and is tracked in North Carolina and Tennessee.

All other potential suggestions made by individual states were not rare throughout the southeast. An example is *Pellaea wrightiana* (Wright's Cliff

Brake), which is also a G5 and common enough in Texas to not be ranked or tracked, although it is rare in all other southeastern states. In future iterations of the SE Plants RSGCN this topic should be revisited with the NatureServe Network. A detailed geospatial analysis could also be utilized to identify potential candidates for a watch-list of disjunct species of regional concern.



Alnus viridis spp. crispa (Robert H. Mohlenbrock)



Pellaea wrightiana



Packera schweinitziana (JK Marlow)

Culturally Significant Species

Panax guinguefolius (Alan Cressler)

Rudbeckia lactinata

(Fedoroff 2021).

Muhlenbergia sericea (Paul Brennan)

Catawba do not have access to what they need for their cultural artisans' usage in traditional basketry. This issue is not uncommon among tribes in other states and has led to the formation of the The Rivercane Restoration Alliance, facilitated by the United States Army Corps of Engineers Tribal Nations Technical Center of Expertise (TNTCX) The alliance is a collaboration between the United States Army Corps of Engineers (USACE), their Sustainable Rivers Program (SRP), and The Nature Conservancy (TNC) that combines Indigenous and Western Ecological Knowledge to restore rivercane

"Like Rivercane, Sweetgrass (Muhlenbergia sericea) is not rare but is a species that, along with its habitat, has been declining. It is also culturally important to marginalized groups, including the Gullah Geechee community of the lower Atlantic coast. The Gullah (African American) community in Mt. Pleasant, SC is concerned about the disappearance of this species, which they use to make their famous baskets. They are traveling increasing distances to access needed materials for harvest in rural areas as urban development has eliminated the species." (Anna Huckabee Smith, personal communication, July 10, 2022).

sunflower, Rivercane, and other species (Huckabee The Southeastern Plant Conservation Alliance (SE PCA) was able to expand inclusion to network members, including Federal agencies and other experts, but consideration of including Tribal Nations and Indigenous Peoples should be planned farther in advance for future revisions of the SE Plants RSGCN. This represents an area where the SE PCA can step up Carolinas. A team of horticulturists, land managers, to build relationships and cultivate conversations to and other partners have been working together to create a more inclusive approach for the next iteration, which would support discussions regarding species of collecting seed, studying cultivation methods, and conservation concern that include all landowners and rescuing plants doomed for destruction. More work is stewards throughout their ranges. Any efforts at the state level that inform Tribal and State Wildlife Action Plans would likewise support the inclusion of cultural species in state Species of Greatest Conservation Need (\$GCN) lists, as well as development of shareable Tribal SGCN lists. This would create an additional avenue for adding culturally significant plant species to and incorporating them with plant SGCN lists into future

Tribal Nation Natural Resource Specialists from Federally recognized Tribes of the Southeast were invited to review the preliminary Regional Species of Greatest Conservation Need (RSGCN) assessment and provide input. Because the survey process was geared towards state programs in order to review available information on species that they track and report to NatureServe, they may not have felt completely included in this opportunity. Additionally, occurrences and status of rare plant species on Tribal lands are not currently included in the available NatureServe network dataset for our region and were not available for review as part of the RSGCN process. Feedback received from partners engaged with Tribal Nations at the local level was that State Wildlife Action Plans (SWAPs) may be an easier place to start. For instance, the Eastern Band of Cherokee Indians could be included in revisions of the North Carolina Wildlife Action Plan, along with participating partners from state and federal agencies that are engaging with one another to varying degrees (G. Kauffman and M. Lavoie, personal communication, April 18, 2022). Alabama invited federally recognized Tribes in the development and revision of their SWAP and had engagement with the Poarch Band of Creek Indians regarding mutually beneficial opportunities for Species of Greatest Conservation Need (SGCN) and their habitats (Alabama DCNR 2016). South Carolina is developing a cultural species section for their 2025 SWAP to incorporate animals and plants that are significant to the Catawba Nation, South Carolina's only federally recognized Tribe. These include Schweinitz's Smith 2023).

Native to the dwindling Piedmont Prairie habitats in the Carolinas, Schweinitz's sunflower (Helianthus schweinitzii) produces tuberous roots that are a traditional food of indigenous communities in the prevent extinction of this species. Efforts include needed to ensure a future for this species of ecological and cultural significance, and the Catawba Nation and other partners are stepping up to the challenge.

Rivercane (Arundinaria gigantea) forms dense patches used by a wide variety of animals and stabilizes stream banks. Although it is not rare, its habitat is a concern, and some larger wild stands have been lost. The versions of the SE Plants RSGCN. Helianthus schweinitzii (John Flannery)

Arundinaria gigantea

Allium tricoccum

These approaches would be a good starting point to address gaps in cataloging and ranking rare species to facilitate more opportunities for supportive partnerships on Tribal lands, if desired by their sovereign stewards. This could include both rare and culturally significant plants, plus identification of their threats and needed conservation actions. Categorizing and prioritizing these would not be based on specific cultural uses or proprietary knowledge, which is privileged information belonging to Tribal Nations and Indigenous Communities. Inclusion of the status and distribution of species within Tribal lands could increase accuracy of their known conservation status and range, where appropriate and welcome by the managers of those lands. More importantly, promoting more cohesive conservation efforts and facilitating co-management of culturally important species should be implemented across ancestral homelands, particularly where access is currently limited or prohibited.

Documentation of threats and needs for species on Tribal lands could result in the allocation of additional resources to support those Tribes in conserving and utilizing culturally significant species and habitats in ways that are meaningful to them, both on and off of Tribal lands.

The RSGCN survey was also shared through the Southeastern Climate Adaptation Science Center (SECASC), which is part of the National Climate Adaptation Science Center network created to support inclusive and sustainable approaches to increasing landscape resilience for wildlife and people centered around climate scientists and Tribal Nations (CASC 2023).

The Climate Adaptation Science Center (CASC) network partners with the United South and Eastern Tribes (USET) to promote informed collaboration with Tribal Nations. They connect other partners with opportunities to engage with and learn from Indigenous Communities and organizations, including the Native American Fish and Wildlife Society (NAFWS) and USET. NAFWS is a national communications network supporting Tribal fish and wildlife management that partners with USET.

The most recent SECASC symposium featured a workshop led by USET and a Tribal Research Scholar working with the United States Geological Survey (USGS) through the Oak Ridge Institute for Science

and Education (ORISE). This opportunity served as an introductory training on how to ethically co-create science by building relationships while honoring Tribal sovereignty (Thornbrugh and Schaefer 2022). This has enabled the SE PCA to move forward more appropriately in growing an inclusive network.

SE PCA hopes that the SE Plants RSGCN project will lead to and inform additional efforts geared toward networking and strategy development for plants of cultural, economic, and medicinal concern. We humans are the stewards of this planet, as well as its ecological and cultural keystone species - This includes plants, animals, and ecosystems - some are considered RSGCN, while others are not, but they are all facing threats. It is our responsibility to prevent further losses and work together in restoring species, habitats, and access to resources that have been lost.

Photos of species:

Ginseng (Panax guinguefolius) is a cultural, economic, and medicinal RSGCN that is native throughout the Eastern Deciduous forests, threatened by unsustainable wild harvest and poaching, is on the United Plant Savers (UPS) at-risk list, and is tracked by the Convention on the International Trade of Endangered Species (CITES).

Sochan (Rudbeckia laciniata) is not RSGCN but is a culturally important food plant of Southeastern Indigenous Communities, including the Cherokee and Creek.

Sweetgrass (*Muhlenbergia sericea*) is not RSGCN but is a culturally significant species of the Gullah Communities of the South Atlantic Coast that is declining in availability due to development and habitat loss and will be included in the 2025 revision of South Carolina's State Wildlife Action Plan (SWAP). Schweinitz's Sunflower (Helianthus schweinitzii) is an Indigenous food plant and crop RSGCN that is federally listed as Endangered and will be included in the 2025 SWAP revision for South Carolina.

River Cane (Arundinaria gigantea) is not on the RSGCN list but is an ecological and cultural keystone species threatened across the Southeast by habitat degradation that will be included in South Carolina's 2025 SWAP.

Ramps (Allium tricoccum) is not RSGCN but is culturally important and threatened by unsustainable harvest by non-indigenous individuals for personal use and commercial sale as a specialty food item.

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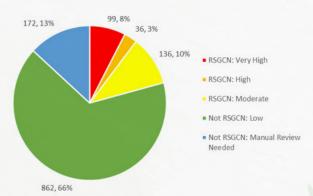
Family-Specific Determinations

Asteraceae

Overview of Results

In total, the Asteraceae (Aster family) includes 1,305 taxa in the Southeastern Association of Fish & Wildlife Agencies (SEAFWA) region and is the largest family in the Southeastern U.S., almost double the number of taxa in the next largest Poaceae. Twenty-one percent of Asteraceae taxa are Regional Species of Greatest Conservation Need (RSGCN) taxa, including 99 Very High Level of Conservation Concern (LoCC), 36 High LoCC, and 136 Moderate LoCC.

Figure 11. Number and percent of Southeastern U.S. Asteraceae at each Level of Conservation Concern



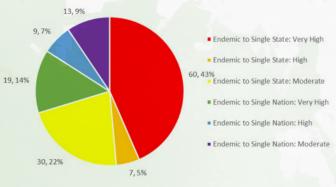
Very High Concern and SEAFWA Endemic Asteraceae

As the largest family of plants in the Southeastern U.S., the Asteraceae has many taxa of Very High LoCC and that are endemic to either the region or a single SEAFWA state. Included in the Very High LoCC are 99 Asteraceae taxa. Eighty five (86%) of these 99 taxa are endemic to the SEAFWA Region, highlighting the need for prioritization of regional conservation efforts. Of the 271 Asteraceae RSGCN taxa, 97 are endemic to a single SEAFWA state - 60 (22%) Very High LoCC, 7 (3%) High LoCC, and 30 (11%) Moderate LoCC There are an additional 41 Asteraceae taxa endemic to the U.S. that occur in at least one or more SEAFWA states Region, the Poaceae (Grass family) comprises 737 and possibly other U.S. regions.

Notable endemic Asteraceae species include Old Cahaba Rosinweed (Silphium perplexum), Georgia Goldenrod (Solidago georgiana), and Buck Creek Ragwort (Packera serpenticola). These three

species are all endemic to a single state and have a Very High LoCC. Silphium perplexum is particularly threatened by habitat modification, primarily fire regime changes, from anthropogenic activities including housing development, timber industry, and agriculture. This species is dependent on fire and such fire suppression efforts have impacted the ability of S. perplexum to thrive within and beyond Perry and Dallas Counties in Alabama (Keener et al. 2023). Similar to S. perplexum, S. georgiana is a Georgia endemic species that is threatened by conversion of sandhills to agricultural lands, fire suppression, and residential development (Chafin 2020a). Finally, P. serpenticola is a North Carolina endemic species known from a single occurrence in the Southern Appalachian Mountains. With rare habitat requirements (serpentine geology) negatively impacted by fire regime changes combined with mining and energy production efforts, the growth of P. serpenticola has been significantly suppressed in the Buck Creek area of the Nantahala National Forest of North Carolina (NatureServe 2023b).

Figure 12. Number and percent of Southeastern U.S. endemic Asteraceae by type of endemism and Level of Conservation Concern

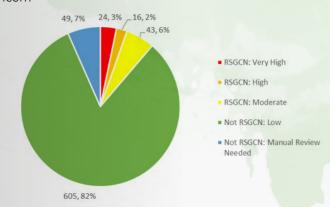


Poaceae

Overview of Results

As the second-largest family in the SEAFWA taxa, with 83 (11%) included in the RSGCN list. Of those on the RSGCN list, there are 24 (29%) Very High LoCC, 16 (19%) High LoCC, and 43 (52 %) Moderate LoCC. The feedback received from Survey Team members during Phase 3 indicates that for the Poaceae RSGCN taxa, the most commonly perceived threat is natural system modifications (73%).

Figure 13. Number and percent of Southeastern U.S. Poaceae at each Level of Conservation Concern



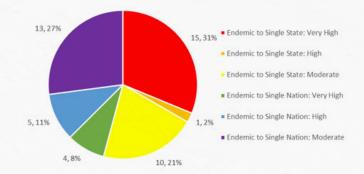
Very High Concern and SEAFWA Endemic Poaceae

The Poaceae comprises a much smaller portion of SEAFWA taxa than the larger Asteraceae (44% fewer SEAFWA taxa, 69% fewer RSGCN taxa). There are 83 Poaceae RSGCN taxa with 24 (29%) considered Very High LoCC. Of these Very High LoCC taxa, 20 (83%) are endemic to the SEAFWA Region and 15 (63%) are endemic to a single SEAFWA state. All 15 taxa occur either within Florida (67%), Texas (27%), or Virginia (7%). Of the 84 RSGCN taxa, 26 (31%) are endemic to a single SEAFWA state - 15 (63%) Very High LoCC, 1 (1%) High LoCC, and 10 (12%) Moderate LoCC. In all, there are 36 Poaceae taxa endemic to a single state and 34 taxa endemic to the U.S. with more than one state in the SEAFWA Region and possibly other U.S. regions.

Notable Poaceae taxa include Silky Bluestem (Schizachyrium sericatum), Sanibel Island Lovegrass (Eragrostis pectinacea var. tracyi), and Florida Orange-grass (Ctenium floridanum). Schizachyrium sericatum is extremely rare (G1/ S1 Florida endemic) and is vulnerable to many environmental and anthropogenic threats in Monroe County, FL. There is only one currently documented occurrence of S. sericatum which occurs on a roadside in Monroe County. This leaves (15%) are RSGCN taxa – 16 (18%) Very High LoCC, this species particularly susceptible to extirpation from simple acts such as mowing, herbicide use, LoCC. construction, and development (NatureServe

2023). Survey feedback from Phase 3 indicates that human disturbance is currently the most immediate threat to S. sericatum due to the current level of imperilment. Eragrostis pectinacea var. tracyi is another Florida endemic taxon. However, the last documented occurrences of this taxon were in the 1980s and it is possible that it has been extirpated from the Gulf Coast of Lee, Sarasota, Manatee, and Pinellas Counties. Residential and commercial development, particularly in prime habitat of sand dunes and coastal grasslands, have likely left this variety of E. pectinacea extirpated from the wild (NatureServe 2023b). It should be noted that it is unknown if this taxon exists in Central America or the Caribbean and if so, to what extent. One final notable Poaceae species, Ctenium floridanum, is found in several counties in Florida (S1) and Georgia (S2). While the geographic extent of C. floridanum is narrow, viability of occurrences is considered excellent and with proper management could thrive (NatureServe 2023b). However, in 2021 it was documented that a possible 18% of C. floridanum occurrences had been extirpated due to habitat decline and poor management (NatureServe 2023b).

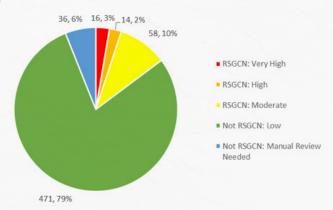
Figure 14. Number and percent of Southeastern U.S. endemic Poaceae by type of endemism and Level of Conservation Concern



Cyperaceae **Overview of Results**

The Cyperaceae (Sedge family) includes 595 (6%) SEAFWA taxa and is the third largest family in the SEAFWA Region. Of the 595 Cyperaceae taxa, 88 14 (16%) High LoCC, and 58 (66%) Moderate

Figure 15. Number and percent of Southeastern U.S. Cyperaceae at each Level of Conservation Concern



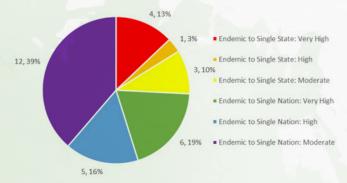
Very High Concern and SEAFWA Endemic Cyperaceae

Sixteen taxa of the Cyperaceae have been identified as Very High LoCC. Endemism is high with 51 (58%) of the 88 RSGCN Cyperaceae taxa being endemic to the SEAFWA Region - 13 (25%) Very High LoCC, 7 (14%) High LoCC, and 31 (61%) Moderate LoCC. Within the SEAFWA Region endemic taxa, there are very few RSGCN taxa with known endemism to a specific state. Only 4 Very High LoCC taxa are known to be endemic to a single state, followed by 1 High LoCC and 3 Moderate LoCC. However, 23 RSGCN Cyperaceae taxa are acknowledged as endemic to multiple SEAFWA states and possibly other U.S. regions – 6 Very High LoCC, 5 High LoCC, and 12 Moderate LoCC.

A selection of Cyperaceae species of particular interest and conservation concern include Bryson's Sedge (Carex brysonii), Carex fumosimontana, and Shinner's Sedge (Carex shinnersii). The first species of note, C. brysonii, is endemic to two Alabama counties, Lawrence and Winston, with only five occurrences documented (NatureServe 2023b), though it is only vouchered in Winston County (Keener et al. 2023). Each occurrence is found in a <2 km area making this species sparse, though relatively stable, within its range (NatureServe 2023b). Though some of the occurrences of C. brysonii appear to be stable, incursion by Ligustrum sinense and the potential for land development and lack of management are its primary threats at this time (NatureServe 2023b). The second species of interest, C. fumosimontana, is currently ranked

G2 and is endemic to the SEAFWA Region with occurrences in Tennessee (S2) and North Carolina (S1). Despite being a relatively new species (2013), it is well-documented with robust populations within each occurrence. However, with its range limited to the high-elevation, high-precipitation Great Smoky Mountains, it is possible that even minor changes in weather and climate conditions may significantly alter the abundance of C. fumosimontana (NatureServe 2023b). Finally, C. shinnersii is endemic to the SEAFWA Region and occurs in Arkansas (S1), Oklahoma (S1), Kansas (S2), and Texas (S2; NatureServe 2023b). Though spread throughout a long, narrow range, recent development in the western SEAFWA states has proven detrimental to the species, leaving, according to Survey Team responses, only one occurrence in a roadside ditch in Arkansas. Some occurrences have been documented on protected lands such as Boehler Seeps & Sandhills Preserve but it is possible that occurrences exist on Tribal Lands that have not been documented (NatureServe 2023b). This species uniquely highlights one of the benefits of promoting positive relationships with Tribal Nations and Tribal Leaders.

Figure 16. Number and percent of Southeastern U.S. endemic Cyperaceae by type of endemism and Level of Conservation Concern



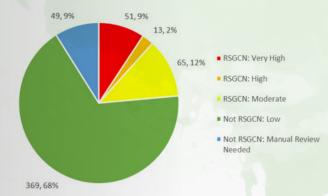
Fabaceae

Overview of Results

The Fabaceae (Bean family) is the fourth largest family of plants in the SEAFWA Region. It comprises 547 total taxa, 129 (24%) of which are RSGCN taxa. Though the Fabaceae is the fourth largest family by total SEAFWA taxa, it is the second largest family by number of RSGCN taxa. The breakdown of RSGCN taxa includes 51 (40%) Very High LoCC, 13 (10%) High LoCC, and 65

(50%) Moderate LoCC.

Figure 17. Number and percent of Southeastern U.S. Fabaceae at each Level of Conservation Concern



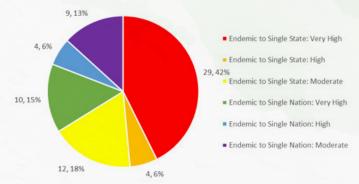
Very High Concern and SEAFWA Endemic Fabaceae

With 129 taxa on the RSGCN list, the Fabaceae includes many rare and endemic taxa within the Very High LoCC category. Of the 51 Very High LoCC taxa, over 50% are endemic to a single state (29 taxa, 57%), while 10 (20%) are endemic to multiple states and possibly other U.S. regions. In looking at the whole of the 129 Fabaceae RSGCN taxa that are single-state endemics, there are 29 (22%) Very High LoCC, 4 (3%) High LoCC, and 12 (9%) Moderate LoCC. It should be noted that there are no SEAFWA single-state endemic taxa in the Manual Review Needed LoCC, indicating that all endemic taxa have been evaluated on some level to accurately represent G-Rank, S-Rank, and/ or conservation status.

Notable Fabaceae species include Apalachicola Wild Indigo (Baptisia megacarpa), Cahaba Prairieclover, (Dalea cahaba), and Leafy Prairie-clover (Dalea foliosa). Baptisia megacarpa is a G2 Very High LoCC species endemic to the SEAFWA Region. This species is distributed between the Florida Panhandle (S1), South Alabama (S2), and South Georgia (S1) with unconfirmed sightings occurring in Middle Georgia (NatureServe 2023b). Survey Team responses indicate that despite occurrences documented on protected lands, populations are still threatened by poor management and habitat degradation for those LoCC taxa includes G1, G2, GH, and T1 taxa both occurrences on private lands. D. cahaba is a species endemic to Bibb County, Alabama with narrow habitat requirements, though it is widespread the U.S. (29%). The remaining 36% of Very High

within available habitat (NatureServe 2023b). Feedback from the Survey Team indicates that the most immediate threat to the species is climate change due to specialized habitat requirements. Finally, D. foliosa is a species endemic to the U.S. which occurs within the SEAFWA Region in Alabama (S1) and Tennessee (S2) but also occurs outside of the SEAFWA Region. Missing habitat and reproductive requirements for this species, full sun and low competition, are the primary threats despite good viability, which are exacerbated by encroachment of exotic species such as Ligustrum sinense and Lespedeza cuneata, according to Survey Team feedback and entries to NatureServe Explorer. Additionally, fire regime changes have negatively impacted the spread of D. foliosa (NatureServe 2023b).

Figure 18. Number and percent of Southeastern U.S. endemic Fabaceae by type of endemism and Level of Conservation Concern



Rosaceae

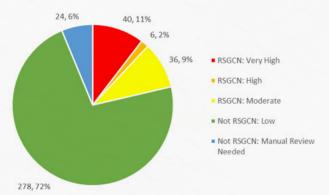
Overview of Results

The Rosaceae (Rose family) is the fifth largest family in the SEAFWA Region with 384 total taxa. Of those 384 taxa, 82 (21%) are RSGCN taxa. Among Rosaceae RSGCN taxa, 48 (49%) are Verv High LoCC, 6 (7%) are High LoCC, and 36 (44%) are Moderate LoCC.

Very High Concern and SEAFWA Endemic Rosaceae

With over 80 RSGCN taxa, the Rosaceae make up just over 8% of the total 971 RSGCN taxa in the SEAFWA Region. The composition of Very High endemic to a single SEAFWA state (35%) and endemic to multiple SEAFWA states and possibly

Figure 19. Number and percent of Southeastern U.S. Rosaceae at each Level of Conservation Concern

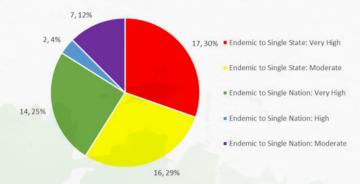


LoCC taxa either occur in multiple countries or do not have enough distribution information to have endemism and range defined. RSGCN taxa endemic to a single SEAFWA state are made up of 17 (52%) Very High LoCC and 16 (48%) Moderate LoCC. Those taxa endemic to either multiple states and possibly other regions include 14 (61%) Very High LoCC, 2 (9%) High LoCC, and 7 (30%) Moderate LoCC.

Notable Rosaceae taxa endemic to the SEAFWA and adjoining regions include Virginia Spiraea (Spiraea virginiana), Green Hawthorn (Crataegus viridis var. glabriscula), and Spreading Avens (Geum radiatum). Spiraea virginiana is classified with a Very High LoCC despite being documented in 7 SEAFWA states and in other U.S. regions due to its unique habitat and reproductive requirements. While threatened by changing hydrology and poor habitat management, ineffective reproduction is also a significant threat to the species (NatureServe 2023b). Spiraea virginiana is a riparian clonal species that has rarely been documented to reproduce via seed, though germination trials have shown success (Chafin 2020b). The clonality of S. virginiana and poor seed recruitment along with habitat disruption have ensured that this species is monitored closely at the Very High LoCC. Crataegus viridis var. glabriscula is a G5T3T4 (rounded T3) SEAFWA Region endemic taxon classified as S3 in Texas but classified as SNR in Oklahoma, Arkansas, and Kansas (NatureServe 2023b). Surveys published in 2014 indicate that C. viridis var. glabriscula does occur in Oklahoma despite being ranked SNR (Flora of North America Editorial Committee 2014). One

confounding factor in ranking this taxon noted by Survey Team feedback, particularly in Oklahoma, is probable occurrences on Tribal lands which may be inaccessible without established relationships with Tribal Nations and Tribal Leaders. The final Rosaceae species of interest is G. radiatum. This species is a Very High LoCC species and occurs in high-elevation mountains in Tennessee (S1) and North Carolina (S2; NatureServe 2023b). With the limited elevation range of G. radiatum, the threat of climate change is inevitable. As noted in feedback from Survey Team members, appropriate management to mitigate human disturbance from climbing and camping activities as well as augmentation to promote recruitment and reproduction will be an ongoing requirement to ensure the future survival of G. radiatum.

Figure 20. Number and percent of Southeastern U.S. endemic Rosaceae by type of endemism and Level of Conservation Concern



Lamiaceae

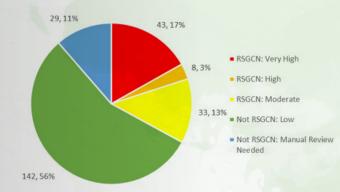
Overview of Results

The Lamiaceae (Mint family) comprises 255 taxa in the SEAFWA Region with 84 (33%) being RSGCN taxa. The composition of the Lamiaceae RSGCN list includes 43 (51%) Very High LoCC, 8 (10%) High LoCC, and 33 (39%) Moderate LoCC. The Lamiaceae is the sixth largest family by total taxa and is tied for fourth largest by number of RSGCN taxa with the Poaceae.

Very High Concern and SEAFWA Endemic

Of the RSGCN taxa in the Lamiaceae, the 43 Very High LoCC taxa are all G1, G2, or GH with three T1 subspecies. Thirty-five (42%) RSGCN taxa are recognized as endemic to a single SEAFWA state - 26 (74%) Very High LoCC, 1 (3%) High LoCC,

Figure 21. Number and percent of Southeastern U.S. Lamiaceae at each Level of Conservation Concern



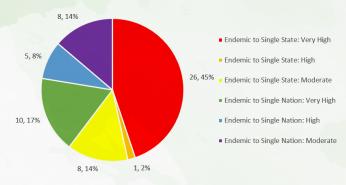
and 8 (23%) Moderate LoCC. Of the 23 taxa that are endemic to at least one SEAFWA state and possibly another U.S. region, 10 (43%) are Very High LoCC, 5 (22%) are High LoCC, and 8 (35%) are Moderate LoCC. Only 3 (4%) RSGCN taxa are endemic to multiple nations but also found within the SEAFWA Region. The remaining 23 (27%) SGCN taxa do not have enough data to classify the level of endemism but are still well-documented and included in the RSGCN list.

A few notable RSGCN species from the SEAFWA Region include Blushing Scrub Balm (Dicerandra modesta), Dicerandra thinicola, and Yadkin Hedge-nettle (Stachys nelsonii). Dicerandra modesta is a Florida endemic mint species known only from Polk County (NatureServe 2023b). Though the population occurs within the Lake More than 50% of the RSGCN taxa are single-state Marion Creek Wildlife Management Area, it has been bisected by the installation of power lines and a pipeline (Florida Native Plant Society 2021). Survey Team feedback also notes that invasive species are a threat to one of the now-bisected populations. Dicerandra thinicola is unique in a taxonomic sense.

Originally classified as an unranked hybrid, the Florida Natural Areas Inventory Program acknowledges D. thinicola as its own unique species and has ranked it as a Florida S1 endemic species (Florida Natural Areas Inventory 2023). Its narrow habitat, a single dune ridge system in Brevard County, has left this species vulnerable to human disturbance, collection pressure, and habitat destruction. Survey Team feedback also notes that these threats will have long-term

impacts on the genetic diversity of the species. Stachys nelsonii, the final Lamiaceae species of note, is endemic to Alabama (S1) and known from only one site on Horn Mountain (NatureServe 2023b). While the single occurrence has over 100 documented plants, it, like D. thinicola, is divided by a service road and thus more vulnerable to anthropogenic threats which may lead to decline during events such as road maintenance.

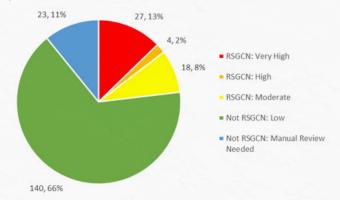
Figure 22. Number and percent of Southeastern U.S. endemic Lamiaceae by type of endemism and Level of Conservation Concern



Euphorbiaceae **Overview of Results**

The Euphorbiaceae (Spurge family) ranks seventh for the total number of taxa in the SEAFWA Region with 212 taxa. However, it ranks tenth for the number of RSGCN taxa with a total of 49 (23%). endemics and the breakdown of RSGCN taxa is as follows - 27 (55%) Very High LoCC, 4 (8%) High LoCC, and 18 (37%) Moderate LoCC.

Figure 23. Number an percent of Southeastern U.S. Euphorbiaceae at each Level of Conservation Concern



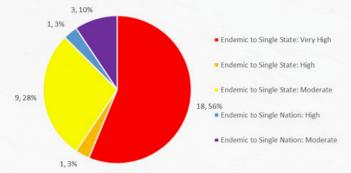
Very High Concern and SEAFWA Endemic Euphorbiaceae

Of the 28 Very High LoCC Euphorbiaceae taxa, endemism is high with 21 (75%) endemic to the known to be significantly threatened by fire regime SEAFWA Region and 18 (64%) endemic to a single SEAFWA state. Twenty-eight single state endemics account for 18 (37%) Very High LoCC, 1 (2%) High LoCC, and 9 (18%) Moderate LoCC. Only 4 (8%) RSGCN taxa are found within multiple states and possibly other U.S. regions – 1 (2%) High LoCC and believed to be extirpated (NatureServe 2023b). 3 (6%) Moderate LoCC. Three additional taxa are documented as endemic to the SEAFWA Region but do not have enough data to support a firm conclusion on their jurisdictional endemism. The Euphorbiaceae has one of the highest regional endemicities for its Very High LoCC taxa of any family in the SEAFWA Region.

Three notable Euphorbiaceae species include Elliott's Croton (Croton elliottii), Telephus Spurge (Euphorbia telephioides), and Garber's Spurge (Chamaesyce garberi). Croton elliottii is a G3 species found in Alabama (S1), Georgia (S2S3), South Carolina (S2S3), and has likely been extirpated from Florida (SH; NatureServe 2023b). Most occurrences of this species are in Georgia The eighth largest family by both the number are presumed to be extirpated. Alterations of LoCC, and 20 (33%) are Moderate LoCC. natural habitat, including hydrology changes, are Figure 25. Number and percent of Southeastern U.S. the largest threats to C. elliottii. As a species that Brassicaceae at each Level of Conservation Concern requires fluctuating water levels and mechanical disturbance to ensure reproductive success, habitat alterations, hydrological changes, and fire regime changes have all had significant impacts on the ability of C. elliottii to thrive both with and without management (NatureServe 2023b). Euphorbia telephioides is a G2 Florida (S2) endemic species known only from 3 counties in the state. It is threatened by fire regime changes, primarily as the result of real estate and pine plantation development according to Survey Team feedback. With an estimated 21% of occurrences extirpated between 2007 and 2020, the threat to The 26 Very High LoCC taxa of the Brassicaceae this species is very high, despite being robust in nature (NatureServe 2023). Finally, C. garberi is 7 (27%) are endemic to multiple SEAFWA states another Florida (S1) endemic species with very and possibly other regions of the U.S. Endemism

little information regarding population status. It is changes and habitat development and has been federally listed on the Endangered Species Act as threatened since 1985 (U.S. Fish and Wildlife Service 1985). Currently only 5 occurrences of C. garberi are known and historic populations are

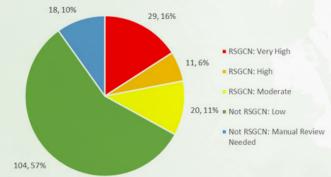
Figure 24. Number and percent of Southeastern U.S. endemic Euphorbiaceae by type of endemism and Level of Conservation Concern



Brassicaceae

Overview of Results

and South Carolina and the narrow habitat of total SEAFWA taxa and RSGCN taxa is the requirements make natural conditions difficult Brassicaceae (Mustard family). The Brassicaceae to manage and thus population management is features a total of 182 taxa in the SEAFWA Region also difficult (NatureServe 2023b). Populations and 60 RSGCN taxa. Of the 60 RSGCN taxa, 26 in Florida and some nearby Alabama locations (43%) are Very High LoCC, 11 (18%) are High



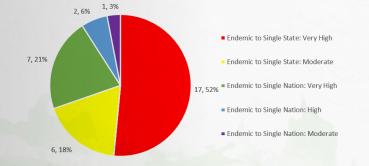
Very High Concern and SEAFWA Endemic Brassicaceae

include 17 (65%) single state endemic taxa and

to multiple SEAFWA states and possibly other U.S. 2023b). regions are few, 8 in total – 7 (88%) Very High LoCC and 1 (12%) Moderate LoCC. The percentage of Overview of Results single state endemic taxa (70%) compared to the total number of RSGCN taxa is one of the highest of the 10 largest SEAFWA families evaluated.

Three Brassicaceae taxa of note include Smallanthered Bittercress (Cardamine micranthera), Lyrate Bladderpod (Lesquerella lyrata), and Wright's Thelypody (Thelypodium wrightii ssp. oklahomense). Cardamine micranthera is a species facing the same threats as many within the SEAFWA Region - habitat alterations, exotic species encroachment, and livestock - according to Survey Team feedback and NatureServe Explorer. At the habitat level, this Very High LoCC species has very few protections and, per North Carolina Heritage botanists, is the only federally listed species with no habitat protections within that state. Protections at the watershed and state levels are imperative for conservation of this species, warranting its categorization at the Very High LoCC. Lesquerella lyrata is a Very High LoCC species endemic to 3 counties in Alabama (S1). This species exists on pastureland and roadsides with few protections and is threatened primarily by human disturbance and climate change (NatureServe 2023b; U.S. Fish and Wildlife Service 2018). Finally, T. wrightii ssp. oklahomense is not endemic to the SEAFWA Region but occurs in Oklahoma (SNR). Within Oklahoma, this

Figure 26. Number and percent of Southeastern U.S. endemic Brassicaceae by type of endemism and Level of Conservation Concern

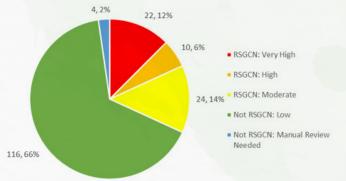


within Brassicaceae RSGCN taxa is varied. Species subspecies has not been documented since 1970 endemic to a single state include the previously and is presumed extirpated, however, surveys mentioned 17 (74% of RSGCN taxa) Very High have not been performed to confirm its status, LoCC and 6 (26%) Moderate LoCC. Those endemic according to Survey Team feedback (NatureServe

Orchidaceae

The Orchidaceae (Orchid family) is the ninth largest family within the SEAFWA Region with 176 taxa and is also ninth largest by number of RSGCN taxa with 55 (31%) taxa. Of the 55 RSGCN taxa within the Orchidaceae are 22 (40%) Very High LoCC, 10 (18%) High LoCC, and 23 (42%) Moderate LoCC

Figure 27. Number and percent of Southeastern U.S. Orchidaceae at each Level of Conservation Concern



Very High Concern and SEAFWA Endemic Orchidaceae

Forty percent of Orchidaceae RSGCN taxa are Very High LoCC. These taxa are all G1, G2, and GX with five varieties ranked as T1 or T2. However, despite having some of the highest possible global conservation status ranks, multiple types of endemism are equally distributed among Very High LoCC taxa. Of the 22 Very High LoCC taxa, 7 (32%) are endemic to a single SEAFWA state, 8 (36%) are endemic to at least one SEAFWA state and possibly other U.S. regions, 6 (27%) are endemic to multiple nations, and 1 (5%) does not have enough data to have endemism determined. This largely even spread of endemics within SEAFWA RSGCN taxa is unique among Orchidaceae taxa within the top 10 RSGCN families.

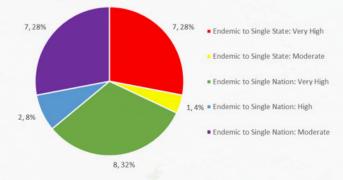
In evaluating endemism within the entirety of the Orchidaceae RSGCN list (of those taxa which have available data), 8 (14%) are endemic to a single SEAFWA state (7 Very High LoCC and 1 Moderate

SEAFWA state and possible other U.S. regions (8 the Lesser Antilles. Despite being evaluated as an Very High LoCC, 2 High LoCC, and 7 Moderate S1 species in Florida, the range of *T. bahamensis* LoCC), and 20 (36%) are endemic to multiple in the Lesser Antilles is unknown and thus it is nations (6 Very High LoCC, 6 High LoCC, and 8 categorized as a G3. However, there does not Moderate LoCC). The final 11 (20%) taxa on the exist sufficient data to properly categorize its full RSGCN list do not have enough data to inform range and endemism (NatureServe 2023b). Within the level of endemism (1 Very High LoCC, 2 High Florida, T. bahamensis is classified as endangered LoCC, and 8 Moderate LoCC).

Three species of note within the Orchidaceae Conservation Center 2023). include Bayard's Malaxis (Malaxis bayardii), Chapman's Fringed Orchid (Platanthera chapmanii), and Variegated Orchid (Tolumnia bahamensis). M. bayardii is a G1 species that is endemic to the U.S. and found historically in South Carolina (SNR), North Carolina (S1), Virginia (SH), and West Virginia (SH). Malaxis bayardii is also documented in multiple states within the Northeastern Region of the U.S. as an S1 and SH species. Despite having such a wide range, the level of extirpation and threats to the species are significant and warrant its position in the Very High LoCC category. It is estimated that the SEAFWA Region only represents approximately 10% of M. bayardii occurrences (NatureServe 2023b). Survey Team feedback notes that human disturbance as **Overview of Results** well as invasive species and disease are significant
The Cactaceae (Cactus family) is the seventh largest threats to this species and further surveying is family by number of RSGCN taxa in the SEAFWA required to confirm the level of extirpation in states Region with 65 taxa. However, it is the eleventh such as Virginia and West Virginia. Platanthera largest by total taxa with 151 taxa. Because this chapmanii is a species with two distinct populations report focuses on the RSGCN taxa, we have chosen - one in Texas (S1) and one ranging throughout to characterize Cactaceae as the tenth family to be Georgia (S1) and Florida (S2). This species thrives discussed because the tenth largest family by total within roadside areas which leaves it vulnerable to taxa (Fagaceae) only features 13 RSGCN taxa. anthropogenic pressures including construction. The Cactaceae comprises a total of 151 taxa in mowing, altered hydrology, and recreational the SEAFWA Region, with 65 (43%) RSGCN taxa. activities (NatureServe 2023b). Additionally, with Of the 65 RSGCN taxa, there are 30 (46%) Very over 90% of extant populations believed to be in High LoCC, 11 (17%) High LoCC, and 24 (37%) Florida, Georgia and Texas populations are facing Moderate LoCC. particular challenges with managing what few individuals remain, specifically due to habitat loss Very High Concern and SEAFWA Endemic and altered fire regimes. Despite the significant Cactaceae threats facing P. chapmanii, it is listed as a G2 The 30 taxa of Very High LoCC within the species because of the more stable populations Cactaceae have varying degrees of endemism and its possible occurrence in the Lesser Antilles, possibly also to other regions of the U.S., 4 (13%)

LoCC), 17 (30%) are endemic to at least one though it is documented as a different species in and faces significant threat from collectors and habitat degradation (North American Orchid

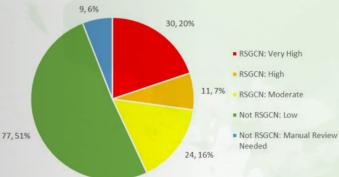
Figure 28. Number and percent of Southeastern U.S. endemic Orchidaceae by type of endemism and Level of Conservation Concern



Cactaceae

in Florida. Finally, T. bahamensis is a unique 18 (60%) are endemic to a single SEAFWA state, 1 species because of its distribution in Florida (S1) (3%) is endemic to at least one SEAFWA state and

Figure 29. Number and percent of Southeastern U.S. Cactaceae at each Level of Conservation Concern

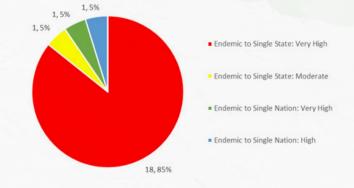


are found in multiple countries, and 7 (23%) lack enough data to determine the level of endemism. In looking at occurrences within the U.S., the Cactaceae has the highest proportion of single state endemic Very High LoCC taxa relative to any other family (85%). When evaluating the entirety of the Cactaceae on the RSGCN list, taxa that are single state endemics include 18 (28%) Very High LoCC and 1 (2%) Moderate LoCC. An additional 2 taxa are endemic to at least one SEAFWA state and possibly other regions – 1 (2%) Very High LoCC and 1 (2%) High LoCC. Uniquely, the Cactaceae has a Figure 30. Number and percent of Southeastern U.S. significant number of taxa that are found among multiple countries – 4 (6%) Very High LoCC, 4 (6%) High LoCC, and 5 (8%) Moderate LoCC. A striking 48% (31 taxa) of the Cactaceae RSGCN list does not include enough data to make a determination about endemism.

Cactaceae taxa that are noteworthy include Star Cactus (Astrophytum asterias), Florida Semaphore Cactus (Consolea corallicola), and Big Bend Foxtail Cactus (Escobaria dasyacantha var. dasyacantha). Astrophytum asterias is a G1 species from Texas (S1) with occurrences in Texas and Tamaulipas, Mexico. This taxa is threatened primarily by habitat loss to agriculture and poaching resulting in the loss of more than 30% of individuals (NatureServe 2023b). Because this species is extirpated from much of its historic range and crosses international borders, range-wide conservation of A. asterias is difficult and rightfully is categorized as Very High LoCC. Consolea corallicola is another Florida (S1) endemic species with only two extant occurrences known in the Florida Keys. Due to its habitat, C. corallicola is vulnerable to sea-level rise, climate change, and hurricane damage. Additionally, one

population of this species is composed of entirely male plants limiting the reproductive success of the species (NatureServe 2023b). Feedback from the Survey Team notes that due to its ability to root from vegetative pieces, there is plasticity within C. corallicola's ability to recover from disturbance events but its other limitations still ensure its inclusion on the RSGCN list. Escobaria dasyacantha var. dasyacantha is a particularly unique taxon due to its ranking (T3, Moderate LoCC) but lack of data regarding its range and its low population numbers. This taxon is currently only known from the Chihuahuan Desert in Texas but is reported to also occur in New Mexico and Mexico, though these claims are unsubstantiated at this time (NatureServe 2023b). Considered very rare, it was at one time a candidate for listing at the federal level but ultimately was not listed due to changes in listing criteria (NatureServe 2023b). With these setbacks, it is beneficial to have taxa such as E. dastacantha var. dasyacantha included on the RSGCN list.

endemic Cactaceae by type of endemism and Level of Conservation Concern



Cultural Species & Indigenous Knowledge

The plant conservation community desires increased awareness and resources for our focal organisms, which are not included in most mainstream definitions of wildlife. The Southeastern Plant Conservation Alliance (SE PCA) serves as an advocate and engages with the public to pursue these goals, including the development of educational materials that promote the value of plants and their essential role in a sustainable future. Integration of plant conservation with broader efforts to conserve wildlife in the Southeastern U.S. includes the development of the first Regional Species of Greatest Conservation Need (RSGCN) list for plants, which is aligned with the Southeastern animals RSGCN in scope and geographic area (based on the Southeast Association of Fish and Wildlife Agencies [SEAFWA] footprint).

The SE PCA has been focused on elevating plants to be considered and included with wildlife conservation and natural resource management. We are aware of the need for other ways of knowing, including Traditional Ecological Knowledge (TEK; Armstrong et al. 2007) or Indigenous Knowledge (IK; United States Executive Office of the President 2022) and the inclusion of and engagement with Tribal Nations and Indigenous Peoples. As we educate ourselves on these important topics, we also acknowledge that some of the language associated with western approaches to conservation are harmful and associated with unjust actions inflicted upon Indigenous Communities. These include, but are not limited to, the following terms: integration, prioritization (Hotchkiss 2022), and collaboration (Younging 2018).

The SE PCA commits to inviting and including Indigenous and cultural perspectives while reconciling any conflicting terminologies and actions, which often arise when describing our efforts in a way that aligns plant conservation with wildlife conservation in the western lens. We recognize that IK and cultural needs are not addressed by focusing on taxa and habitats selected and categorized by rarity ranks and geographic distribution. We recognize and seek to honor Tribal Nations and Indigenous Peoples, their knowledge and perspectives, the exercise of treaty rights, innovative programs, and successful management of natural resources, and their sacred and proprietary relationships and information. To this end, SE PCA seeks to serve as allies and support the plant conservation needs and efforts of Indigenous and other historically marginalized communities, who are often dealing with limited resources to address basic needs for social justice (Reed 2022).

The SE PCA network is committed to facilitating a more inclusive forum that ensures all feel welcome and vested, thus increasing our collective capacity for conservation. This would improve wellness by creating shared success, creating new partnerships and positive social interactions that enhance morale, and preserving natural and cultural resources. We must work to build bridges as we learn how to better transcend our silos and weave together the most helpful aspects of our individual approaches to collectively conserve plants. This includes confronting cultural differences and having conversations that address inequities. We cannot adequately conserve biodiversity without creating a diverse and representative network, because cultural diversity must also be emphasized and elevated.

Lophophora williamsii (Dav Hir)



texanum is a RSGCN endemic to a small area overlapping 3 states, has been petitioned for federal listing, and belongs to a genus of Critical concern for wild harvest impacts by United Plant Savers (UPS)

ESA At-risk & Listed Species

With recent funding, the Southeastern SE PCA partners have Plants Regional Species of Greatest Conservation Need (SE Plants RSGCN) will further support United States Fish and Wildlife Service (USFWS) Species Status Assessments (SSAs) and their National Domestic Listing Workplan (U.S. Fish and Wildlife Service 2023) addressing listed and at-risk species (petitioned, candidates, or proposed for listing) under the Endangered Species Act (ESA; Endangered Species Act 1982). Next steps supporting these efforts include conducting priority assessments and ranking updates with NatureServe that will inform ESA listing and recovery. This would be achieved by expanding the established Southeastern Plant Conservation Alliance (SE PCA) network and utilizing the RSGCN and Federal Listing Workplan to

select taxa for review and collaborative planning. This could involve crosswalking to finer United States National Vegetation Classification (USNVC) levels for all species (Alliance & Community Associations) to address habitat considerations and planning.

We also suggest applying complementary approaches of international partner organizations such as International Union on the Conservation of Nature (IUCN) Red List assessments and Botanic Gardens Conservation International (BGCI) Conservation Action Plans to document threats and partners' knowledge, plan for survival, and act as roadmaps for recovery of species and their associated habitats. Where ex situ conservation is appropriate, U.S. Fish & Wildlife Service (USFWS) Controlled Propagation Plans

(2000) could be created to guide collection of plant genetic resources for ex situ conservation and approved in situ reintroduction or augmentation. All of these products would identify future project options and lead to additional successes.

Varronia rupicola is a Caribbean species that could not be assessed or included as RSGCN but is a federally endangered plant that has never been assessed for ranking.

clearly demonstrated that intentional collaboration at the regional scale and short-term infusions of funds facilitate increased efficiencies in operations. By leveraging the resources and experience of the SE PCA network, we can support clearing a backlog of USFWS legacy work and be better positioned to meet ongoing challenges opportunities. The SE Plants RSGCN project will increase our shared knowledge about the federally listed and at-risk species to



Amorpha georgiana var. georgiana is a RSGCN variety that is under review for potential federal listing but has not been assessed or ranked in over 20 years.

promote recovery while contributing to conservation of the ecosystems in which they occur. It can also support preclusion of listing species that do not need focused conservation action, and conserve resources for those that do. Increased engagement with partners in Puerto Rico and the U.S. Virgin Islands, as well as Tribal Nations, will support more cohesive collaboration across the region, inform creation of detailed conservation assessments, and drive the development of an inclusive strategic approach for future work based on a model of success.



Echinacea laevigata only occurs in some piedmont prairies and woodlands within ancestral Creek and Cherokee homelands, is a RSGCN listed as threatened after successful collaborations resulted in it meeting criteria to be downlisted, and belongs to a genus considered to be At-

Conclusions & Next Steps

Spiraea virginiana (Alan Cressler)

The Southeastern Plant Conservation Alliance (SE PCA) has developed the nation's first Regional Species of Greatest Conservation Need (RSGCN) list for plants. This is already being used to prioritize species for ranking updates, revise State Wildlife climate impacts will be assessed both for species Action Plans, and promote long-term conservation goals of imperiled plant species. Next steps have been identified to further progress towards the User-friendly climate-impact summaries will be goals of our alliance and its partners and include sharing the digital RSGCN list and report. Funding has been allocated to print and physically distribute the report as well.

For the Southeastern Plants Regional Species of Greatest Conservation Need (SE Plants RSGCN) to be more efficiently utilized in updating State Wildlife Action Plans (SWAPs), the Southeast Climate Adaptation Science Center is supporting Institute for Science and Education (ORISE) program to assess climate impacts on rare plant compile available information about any previously conducted climate-vulnerability assessments for on the list (biodiversity hotspots for rare plants in the Southeast). For a subset of these ecosystems, and interpret climate-change projections, along with potential impacts to ecosystems. Collectively, added in the following areas: this information will help provide information that can support efforts to conserve as many rare plants 1. Most taxa have been assigned to a single Group as possible, helping to preserve an important part of the natural heritage of the Southeast.

The goal of the project is to provide rapid, preliminary summaries of climate impacts information for a subset of RSGCN plants and their habitats. This information is needed by SWAP coordinators and

authors of SWAP revisions to meet their objective of using the best-available science to support the evaluation and conservation of local Species of Greatest Conservation Need (SGCN). Potential and for ecosystems using downscaled climate projections and existing ecosystem information. produced. This will be especially helpful for states that are including plants for the first time. They will correspond to the LANDFIRE spatial product commonly used by land managers. Anticipating potential climate impacts to rare plants and their habitats can aid botanical research and conservation efforts and may help inform statelevel planning and rare-species monitoring. This information will likewise help inform Species Status Assessments (SSAs) conducted by the U.S. a postdoctoral fellow through the Oak Ridge Fish and Wildlife Service (FWS) for listed and atrisk plant species.

biodiversity using the RSGCN list. This project will To supplement the available information and better assess climate impacts for the SE Plants RSGCN list, the Flora of the Southeastern United each species. It will also identify the ecosystems States (FSUS) team conducted a crosswalk of that host the greatest numbers of rare plant species their 2022 data with the corresponding Group and Alliance levels of the 2022 United States National Vegetation Classification (USNVC) data. this project will also produce climate-vulnerability As of August 2023, we characterize this as a Phase summaries in the form of figures and text to present. One product, which can be further refined and improved. Valuable future enhancements can be

> as their primary habitat. For many, they really are completely associated with a single habitat at the Group level of the USNVC hierarchy, but some other species may use one or more other groups to a lesser degree. It would be useful to add those additional Group-level habitats, while also retaining characterization of the

primary habitat Group.

flexible use of higher and lower levels in the hierarchy for greater or less specificity. Many of the RSGCN plant taxa are geographically very narrowly distributed, as well as being narrow habitat specialists. For these narrowly endemic and ecologically specialized species, the finer hierarchical levels of the classification (Alliance and Association) would provide a more finely tuned characterization of their habitat association. This finer level would allow more detailed Species Distribution Modeling and other assessments of imperilment of these species, making for a more realistic analysis of land conservation and management needs.

This was facilitated, in part, by ongoing efforts of NatureServe Ecologists and will support mapping the top 10 ecological system Groups to aid in SWAP development. Feedback from experts will inform the addition of suggested Group associations. Any undocumented Groups will be shared with the NatureServe Ecology team and proposed for inclusion, where appropriate in order to enrich the species community information. Additionally, the FSUS team is assisting with downscaled climate projections that inform ecological Alliances, which are a finer-scale representation of ecosystems. This will provide a more solid foundation upon which state agencies and natural heritage programs can address inclusion of Conservation Opportunity Areas (COAs) in their SWAPs. Although most states mapped the distribution in their SWAPs, a regionwide standard has not been established. We hope these efforts can facilitate the development of a consistent approach for the Southeastern states to identify and include ecological systems in conservation planning. This advancement of habitat associations for plants will inform SWAP revisions, as well as the next animal RSGCN

revision. These tools will promote more holistic 2. The hierarchical structure of the USNVC allows conservation and set the stage for more inclusive and comprehensive and effective landscape conservation of priority species.

> Another resource that promotes consistency across jurisdictional boundaries is the Southeast Conservation Blueprint. This product was created by the Southeast Conservation Adaptation Strategy (SECAS) to address urbanization, development, and climate change as part of crosssector collaborations to sustain natural and cultural resources across the regional landscape (SECAS 2021). SECAS was initiated by SEAFWA States and federal agencies of the Southeast Natural Resource Leadership Workgroup (SENRLG). The Blueprint is a valuable resource for SWAPs that could likewise be used by plant conservationists to identify target species and ecological groups for conservation activities. As it is updated, the Blueprint could highlight ecological associations affiliated with SE Plant RSGCN for planning and implementation that supports identification of COAs and promotes regional and state efforts in reaching the SECAS goal of improving the health, function, and connectivity of Southeastern ecosystems by 10% before 2060 (SECAS 2018).

> The urgency we face at this time is a global concern that is being similarly addressed by global organizations, such as the United Nations (UN). The new Global Framework, although still in draft form, outlines targets and 'milestones' for 'living in harmony with nature' by 2050. During their 2022 biodiversity conference proposed goals were developed, as well as their 30x30 initiative that aims to protect 30 percent of Earth's land and water by 2030 (United Nations Convention on Biological Diversity 2021). The current UN Decade on Ecosystem Restoration (United Nations 2021) aims to prevent, halt and reverse the degradation of

international efforts and leverage them to inform national, regional, and local partners and projects.

Our expectation is to revise the SE Plants RSGCN communicating partners' shared priorities. It will every 5 - 10 years. This would allow us to revise to incorporate data updates, including State or Tribal SGCNs. Although the current SE Plants RSGCN does not include Puerto Rico or the U.S. Virgin Islands, the project can be used to inform the of plants' critical and essential roles in ecosystem enhancement of data availability and prioritization of species as preliminary steps toward informing updates to SGCNs for these U.S territories. Leveraging existing relationships with partners there through the SE PCA network will support Tribal and State Wildlife Action Plans. Increasing effective planning for their needs and development available funding for plant species and habitat of an RSGCN that encompasses them as part of the larger SEAFWA footprint in the future. We on them. Funding programs in Native American expect it is possible for the U.S. territories to be and urban communities that include restoration of included in the 2nd or 3rd iteration.

Inclusion of Tribal Nations will support more justice. cohesive collaboration across the region, inform the drive the development of a strategic approach for future work based on a model of success. Culturally destruction, invasive species, pollinator loss, significant plants also need focused planning, as climate change, and other threats - face extinction well as engagement with additional partners to This applies to all historically underprivileged groups; more conscientious inclusion is needed to and ecosystems underlies the sustainable and and People(s) of Colour (BIPOC). Sustainability uniting efforts in the region and beyond and applies here, as well as to medicinal plants that demonstrating that plant conservation is a crucial are in economic trade. Developing a strategic asset in conserving the systems that support all approach, timeline, and budget for future work of other lifeforms, as well as our own well-being.

ecosystems worldwide to simultaneously address this nature in a culturally sensitive manner aimed poverty, climate change, and current threats of at supporting their needs will be more informative mass extinction. Coordinating members and to future revisions of the SE Plants RSGCN and leaders of the Southeastern Plant Conservation support the development of a roadmap for the Alliance are connected with these and other conservation of economic, medicinal, and culturally significant species.

> The SE Plants RSGCN is a powerful tool for inform strategies to prevent and restore further loss of diversity in our region and serve to integrate plants with broader efforts to conserve wildlife. The RSGCN can help increase public awareness stability, therefore advocating for the need to protect them. This speaks to the resources that would be provided with the passage of Recovering America's Wildlife Act, which would further support projects supports the animals that also depend native plants will reach further to climate resilience, promote public health, and social & environmental

creation of detailed conservation assessments, and Unless we enact change, an estimated 1,000,000 plant and animal species - because of habitat (IPBES 2019). The Southeast can serve as a model develop a stronger rapport and support more of leadership for the nation in their ability to address efficient assessments with a more diverse network. needs and achieve success. Our collective ability to assess and preserve the biodiversity of plants build trust. This would increase equity for resource continued existence of other organisms, including access and management for Black, Indigenous, humans (Knapp et al. 2021). This is achieved by



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Additional Resources

Botanic Gardens Conservation International (BGCI) Conservation Action Plans https://www.bgci.org/resources/bgci-tools-and-resources/conservation-action-plans/

Guidance for Federal Departments and Agencies on Indigenous Knowledge https://www.whitehouse.gov/wp-content/uploads/2022/12/OSTP-CEQ-IK-Guidance.pdf

International Union on the Conservation of Nature (IUCN) Red List Assessments https://www.iucnredlist.org

Native American Fish and Wildlife Society (NAFWS) https://www.nafws.org/about/

NatureServe www.natureserve.org

Oak Ridge Institute for Science and Education (ORISE) https://orise.orau.gov/

Southeast Conservation Adaptation Strategy (SE CAS) Resources https://secassoutheast.org/resources

Southeastern Climate Adaptation Science Center (SECASC) Tribal Partners https://secasc.ncsu.edu/home/partners/tribal-partners/

Southeastern Plant Conservation Alliance (SE PCA) www.se-pca.org

United Nations (UN) Decade on Restoration https://www.decadeonrestoration.org/

United South and Eastern Tribes https://www.usetinc.org/

United States National Vegetation Classification https://usnvc.org/

Scientific Name	Original Pre-Screened LoCC	LoCC After Technical Team Discussion		
Actaea racemosa	Moderate	Moderate	Liatris virgata	Manual
Agalinis auriculata	Moderate	High	Lysimachia loomisii	High
Agalinis skinneriana	Moderate	High	Macbridea caroliniana	Very Hig
Ageratina altissima var. roanensis	High	Moderate	Malus angustifolia var. puberula	High
Allium allegheniense	High	High	Minuartia cumberlandensis	High
Allium oxyphilum	Very High	Very High	Mirabilis exaltata	High
Amorpha schwerinii	High	High	Muhlenbergia glabrifloris	Moderat
Amphianthus pusillus	Very High	Very High	Nemastylis floridana	Very Hig
Andropogon arctatus	High	Moderate	Nolina greenei	Very Hig
Anemone quinquefolia var. minima	High	High	Nuphar lutea ssp. ulvacea	Very High
Arabis patens	High	High	Oenothera riparia	Very Hig
Aristida mohrii	Very High	Very High	Opuntia phaeacantha var. camanchica	High
Aristida patula	High	Moderate	Packera serpenticola	Very Hig
Arnoglossum diversifolium	Very High	Very High	Parietaria praetermissa	High
Asarum rosei	Very High	Very High	Paronychia erecta	High
Asimina obovata	High	Moderate	Parthenium auriculatum	High
Asplenium heteroresiliens	Very High	Very High	Penstemon smallii	High
Astragalus obcordatus	High	High	Persea humilis	High
Astragalus obcordatus Astragalus tennesseensis	High	Moderate	Phaseolus polystachios var. sinuatus	High
Aureolaria patula	High	Moderate	Phlox buckleyi	Very Hig
Baptisia calycosa var. villosa	High	Moderate	•	High
Baptisia megacarpa		Very High	Physalis angustifolia	_
Baptisia simplicifolia	Very High	10.1.0.0.	Platanthera shriveri	Very Hig
	High	Moderate	Poa paludigena	Moderat
Bejaria racemosa	High	Low	Polygala lindheimeri var. parvifolia	High
Berlandiera subacaulis	High	Low	Potamogeton floridanus	Very Hig
Bigelowia nuttallii	High	Low	Rhynchospora cephalantha var. attenuata	High
Borodinia serotina	Very High	High	Ripariosida hermaphrodita	Moderat
Botrychium simplex var. simplex	Moderate	Moderate	Rubus trux	High
Calamovilfa curtissii	High	Moderate	Rubus whartoniae	Very Hig
Calystegia catesbeiana	High	Moderate	Sagittaria graminea ssp. weatherbiana	High
Calystegia catesbeiana ssp. catesbeiana	Very High	Low	Sarracenia alabamensis	High
Cardamine clematitis	High	High	Schizachyrium maritimum	High
Carex biltmoreana	High	Moderate	Schizachyrium stoloniferum	High
Carex decomposita	High	High	Scutellaria altamaha	Very Hig
Carex lucorum var. austrolucorum	High	Moderate	Scutellaria arguta	Very Hig
Carex misera	High	Moderate	Scutellaria incana var. 1	High
Carex oxylepis var. pubescens	High	Taxon Removed from List	Selaginella tortipila	High
Carex ruthii	High	Moderate	Silene virginica var. robusta	Very Hig
Cayaponia quinqueloba	Moderate	Low	Solidago simulans	Very Hig
Chaerophyllum procumbens var. shortii	High	Moderate	Spiranthes ovalis var. ovalis	High
Chamaecrista deeringiana	High	Moderate	Stachys clingmanii	Very Hig
Cheilanthes alabamensis	Moderate	Low	Streptanthus squamiformis	Very Hig
Chelone obliqua var. erwiniae	High	Moderate	Symphyotrichum georgianum	High
Chelone obliqua var. obliqua	High	Moderate	Symphyotrichum rhiannon	Very Hig
Chrysopsis floridana	High	High	Synandra hispidula	Moderat
Chrysopsis godfreyi	Very High	High	Talinum mengesii	High
Cicuta maculata var. bolanderi	Moderate	Moderate	Thelypodium wrightii ssp. oklahomense	Very Hig
Cirsium horridulum var. vittatum	High	Low	Thermopsis villosa	High
Collinsonia serotina	High	Manual Review Needed	Trillium pusillum var. virginianum	High
Coreopsis latifolia	High	Moderate	Trillium vaseyi	High
Crataegus flava	Very High	Very High		
Crataegus mendosa	High	High		
Crataegus senta	Very High	Very High		
Cuscuta indecora var. indecora	Moderate	Moderate		
Dasistoma macrophylla	Moderate	Low		
Delphinium exaltatum	High	High		
Dichanthelium cryptanthum	High	Manual Review Needed		
Echinacea laevigata	Very High	High		
Eleocharis bifida	High	High		
Eriochloa michauxii	High	Moderate		
Eupatorium maritimum	Very High	Very High		
Euphorbia purpurea	Moderate	Moderate		
Galium arkansanum var. pubiflorum	Very High	Very High		
Garberia heterophylla	High	Moderate		
Gaylussacia brachycera	High	High		
Gentiana austromontana	High	Moderate		
Gymnocarpium appalachianum	High	Moderate		
Helenium virginicum	High	Moderate		
Helianthemum nashii	High	Moderate		
Heteranthera missouriensis	High	Moderate		
Heuchera caroliniana	High	Moderate	1	
Heuchera parviflora var. puberula	High	Moderate		
Hexastylis sorriei		Very High		
	Very High			
Houstonia longifolia var. glabra	High Vory High	Moderate	•	
Hymenocallis pygmaea	Very High	High	•	
Hypericum edisonianum	Very High	High		
llex opaca var. arenicola	High	Moderate		
Juncus caesariensis	Very High	High		
Krigia montana Lesquerella ovalifolia ssp. alba	High	Moderate Moderate		

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Angadenia berteroi Moderate G3G4 Angadenia berteroi High G2G3 Anthaenantia texana Moderate G3G4 Anulocaulia leiozolenus var. lasianthus Very High G4T2 Anulocaulis leiozolenus var. leiosolenus Moderate G4T3T4 Anulocaulis reflexus Very High G2 Apios priceana Moderate G3 Aquilegia candensis var. australis Very High G5TLQ Aquilegia chrysantha var. chaplinei Very High G4T2 Aquilegia chrysantha var. hinckleyana Very High G3 Aquilegia longissima High G3 Arabis georgiana Very High G1 Arabis potenas High G3 Arabis pronocarpa var. adpressipilis Moderate G5T4			
Angelica dentata High G2G3 Anthaenantia texana Moderate G3G4 Anulocaulis leiosolenus var. lasianthus Yery High G4T2 Anulocaulis leiosolenus var. leiosolenus Moderate G4T3T4 Anulocaulis reflexus Yery High G2 Apios priceana Moderate G3 Aquilegia canadensis var. australis Yery High G5T1Q Aquilegia chrysantha var. chinckleyana Yery High G4T2 Aquilegia chrysantha var. hinckleyana Yery High G4T1 Aquilegia longistiana High G3 Arabis pegigiana Yery High G1 Arabis potencarpa var. adpressipilis Moderate G5T4			
Anthaenantia tevana Moderate G3G4 Anulocaulis leicoolenus var. lasianthus Very High G4T2 Anulocaulis leicoolenus var. leicoolenus Moderate G473T4 Anulocaulis reflexus leny High G2 Apoles priceana Moderate G3 Aquilegia canadensis var. australis very High G571Q Aquilegia chrysantha var. chaplinei very High G4T2 Aquilegia chrysantha var. hinckleyana Very High G4T1 Aquilegia longissima High G3 Arabis georgiana Very High G1 Arabis potensa High G3 Arabis pytnocarpa var. adpressipilis Moderate G5T4			
Anulocaulis leiosolenus var. lasianthus Mery High G4T2 Anulocaulis leiosolenus var. leiosolenus Moderate G4T3T4 Anulocaulis reflexus Mery High G2 Aplois priceana Moderate G3 Aquilegia candensis var. australis Yeny High G5T1Q Aquilegia chrysantha var. chaplinei Yeny High G4T2 Aquilegia chrysantha var. hinckleyana High G3 Arabis georgiana Yeny High G3 Arabis georgiana Yeny High G1 Arabis potenes High G3 Arabis pryenocarpa var. adpressipilis Moderate G5T4			
Anulocaulis reflexus yary High G2 Apios priceana Moderate G3 Aquilegia canadensis var. australis Very High G5T1Q Aquilegia chrysantha var. chaplinei Very High G4T2 Aquilegia chrysantha var. hinckleyana Very High G4T1 Aquilegia longissima High G3 Arabis georgiana Yery High G1 Arabis pycnocarpa var. adpressipillis Moderate G5T4			
Apios priceana Moderate G3 Aquilegia canadensis var. australis Very High G5TIQ Aquilegia chrysantha var. chaplinei Very High G4TZ Aquilegia chrysantha var. hinckleyana Very High G4T1 Aquilegia longissina High G3 Arabis georgiana Very High G1 Arabis potens High G3 Arabis pycnocarpa var. adpressipilis Moderate G5T4			
Aquilegia canadensis var. australis very High G571Q Aquilegia chrysantha var. chaplinei Very High G472 Aquilegia chrysantha var. hinckleyana Very High G471 Aquilegia longissima High G3 Arabis georgiana Very High G1 Arabis patens High G3 Arabis pytnocarpa var. adpressipilis Moderate G574			
Aquilegia chrysantha var. chaplinei 4ery High G472 Aquilegia chrysantha var. hinckleyana Very High GAT1 Aquilegia longissima High G3 Arabis georgiana Very High G1 Arabis potens High G3 Arabis pycnocarpa var. adpressipilis Moderate G574			
Aquilegia chrysantha var. hinckleyana Very High G4T1 Aquilegia longissima High G3 Arabis georgiana Very High G1 Arabis patens High G3 Arabis pycnocarpa var. adpressipilis Moderate G5T4			
Aquallegia longissima High 63 Arabis georgiana Very High G1 Arabis patens High G3 Arabis pycnocarpa var. adpressipillis Moderate G574			
Arabis patens High G3 Arabis pycnocarpa var. adpressipilis Moderate G574			
Arabis pycnocarpa var. adpressipilis Moderate G5T4			
	Arabis pycnocarpa var. adpressipilis Arenaria livermorensis	Moderate Very High	G5T4 G1

	Moderate	G4G5T3T4
Argythamnia aphoroides	High	G2G3
Argythamnia argyraea	Very High	G2
Aristida mohrii	Very High	G1
Aristida simpliciflora	Moderate	G3G4
Arnoglossum album	Very High	G1
Arnoglossum diversifolium	Very High	G2
Arnoglossum floridanum	Moderate	G3
Arnoglossum muehlenbergii	Moderate	G4
Arnoglossum sulcatum	Moderate	G3
Artemisia ludoviciana ssp. redolens	Moderate	G5T3T4
Asarum rosei	Very High Moderate	G1
Asclepias curtissii Asclepias meadii	Very High	G3 G2
Asclepias meauli Asclepias prostrata	Very High	G1G2
Asclepias uncialis	Very High	G2
Asclepias viridula	Very High	G2
Asimina manasota	Very High	G1
Asimina obovata	Moderate	G3
Asimina tetramera	Very High	G1?
Asplenium abscissum	Moderate	G3G4
Asplenium bradleyi	Moderate	G4
Asplenium heteroresiliens	Very High	G2
Asplenium myriophyllum	Moderate	G3?
Asplenium platyneuron var. bacculum-rubrum	Moderate	G5T2T4Q
Asplenium plenum	Very High	G1Q
Asplenium scolopendrium var. americanum	High	G4T3
Asplenium tutwilerae	Very High	G1
Asplenium verecundum	Very High	G1
Asplenium x biscaynianum	Very High	G1
Asplenium x curtissii	Very High	G1
Astilbe crenatiloba	Very High	GX
Astragalus albulus	Moderate	G3G4
Astragalus bibullatus	Very High	G1
Astragalus crassicarpus var. berlandieri	Moderate	G5T3
Astragalus emoryanus var. terlinguensis	Moderate	G5T3?
Astragalus gypsodes	High	G3
Astragalus lentiginosus var. higginsii	High	G5T1T3Q
Astragalus michauxii	Moderate	G3
Astragalus mollissimus var. coryi	Moderate	G5T3
Astragalus mollissimus var. marcidus	Very High	G5T2
Astragalus obcordatus	Moderate	G3G4
Astragalus praelongus var. ellisiae	Moderate	G4T3T4
Astragalus puniceus var. puniceus	High	G4T3?Q
Astragalus reflexus	Moderate	G3
Astragalus soxmaniorum	Moderate Moderate	G3
Astragalus tennesseensis		G3
Astragalus waterfallii	Moderate	G3?
Astragalus wrightii Astrolepis windhamii	Moderate Moderate	G3 G3?
Astrolepis Windnamii Astrophytum asterias	Very High	G1G2
Atriplex acanthocarpa ssp. coahuilensis	Moderate	G4T2T4
Atriplex klebergorum	Very High	G2
Atriplex wardii	Moderate	G3
Aureolaria grandiflora var. grandiflora	Very High	G4G5T1?
Aureolaria patula	Moderate	G3
Ayenia euphrasiifolia	Moderate	G3G4
Ayenia limitaris	Very High	G2
Balduina atropurpurea	Very High	G2
Baptisia arachnifera	Very High	G1G2
Baptisia australis var. aberrans	Very High	G5T2
Baptisia australis var. australis	Moderate	G5T3T4
Baptisia bracteata var. laevicaulis	Moderate	G4G5T2T4
Proposition of the control of the co		G4G31214
Baptisia calycosa var. calycosa	Very High	G3T1
Baptisia calycosa var. villosa	Moderate	G3T1 G3T3
Baptisia calycosa var. villosa Baptisia cinerea	Moderate Moderate	G3T1 G3T3 G3G4
Baptisia calycosa var. villosa Baptisia cinerea Baptisia lanceolata var. tomentosa	Moderate Moderate Moderate	G3T1 G3T3 G3G4 G4T3T4
Baptisia calycosa var. villosa Baptisia cinerea Baptisia lanceolata var. tomentosa Baptisia megacarpa	Moderate Moderate Moderate Moderate Very High	G3T1 G3T3 G3G4 G4T3T4 G2
Baptisia calycosa var. villosa Baptisia cinerea Baptisia lanceolata var. tomentosa Baptisia megacarpa Bartonia texana	Moderate Moderate Moderate Very High High	G3T1 G3T3 G3G4 G4T3T4 G2 G2G3
Baptisia calycosa var. villosa Baptisia cinerea Baptisia lanceolata var. tomentosa Baptisia megacarpa Bartonia texana Basiphyllaea corallicola	Moderate Moderate Moderate Moderate Moderate High High	G3T1 G3T3 G3G4 G4T3T4 G2 G2G3 G2G3
Baptisia calycosa var. villosa Baptisia cinerea Baptisia lanceolata var. tomentosa Baptisia megacarpa Bartonia texana Basiphyllaea corallicola Batesimalya violacea	Moderate Moderate Moderate Very High High Uery High	G3T1 G3T3 G3G4 G4T3T4 G2 G2G3 G2G3 G1
Baptisia calycosa var. viilosa Baptisia cinerea Baptisia lanceolata var. tomentosa Baptisia megacarpa Bastronia texana Basiphyllaea corallicola Batesimalva violacea Bauhinia lunarioides	Moderate Moderate Noderate Very High High High Very High High	G3T1 G3T3 G3G4 G4T3T4 G2 G2G3 G2G3 G1 G3
Baptisia calycosa var. villosa Baptisia cinerea Baptisia lanceolata var. tomentosa Baptisia megacarpa Bartonia texana Basiphyllaea corallicola Batesimalva violacea Bauhinia lunarioides Berberis canadensis	Moderate Moderate Moderate Very High High High Very High High Moderate	G3T1 G3T3 G3G4 G4T3T4 G2 G2G3 G2G3 G2G3 G1 G3 G3G4
Baptisia calycosa var. villosa Baptisia cinerea Baptisia lanceolata var. tomentosa Baptisia lanceolata var. tomentosa Baptisia megacarpa Bartonia texana Basiphyllaea corallicola Batesimalva violacea Bauhinia lunarioides Berberis canadensis Betula uber	Moderate Moderate Moderate Moderate Moderate High High High Mory High Moderate Very High	G3T1 G3T3 G3G4 G4T3T4 G2 G2 G2G3 G2G3 G1 G3 G3G4 G1Q
Baptisia calycosa var. villosa Baptisia cinerea Baptisia lanceolata var. tomentosa Baptisia megacarea Bartonia texana Basiphyllaea corallicola Batesimalva violacea Bauhinia lunarioides Berberis canadensis Betula uber Bigelowia nuttallii	Moderate Moderate Moderate Moderate Moderate High High High Moderate Very High Moderate Very High Moderate	G3T1 G3T3 G3G4 G4T3T4 G2 G2 G2G3 G1 G3G4 G1 G3G4 G1Q G3G4
Baptisia calycosa var. villosa Baptisia cinerea Baptisia lanceolata var. tomentosa Baptisia lanceolata var. tomentosa Baptisia megacarpa Bartonia texana Basiphyllaea corallicola Batesimaliva violacea Bauhinia lunarioides Berberis canadensis Berbaula uber Bigelowia nuttallii Blepharidachne bigelovii	Moderate Moderate Moderate Moderate Wery High High High Moderate Sery High Moderate Moderate Moderate Moderate Moderate	G3T1 G3T3 G3G4 G4T3T4 G2 G2 G2G3 G1 G3 G3G4 G1Q G3G4 G3G4 G3G4
Baptisia calycosa var. viilosa Baptisia cinerea Baptisia lanceolata var. tomentosa Baptisia megacarpa Bartonia texana Basiphyllaea corallicola Batesimalva violacea Bauhinia lunarioides Berberis canadensis Berberis canadensis Belpharidachne bigelovii Blepharidachne bigelovii Blephilia subnuda	Moderate Moderate Moderate Very High High High Moderate Very High Moderate Very High Moderate	G3T1 G3T3 G3G4 G4T3T4 G2 G2G3 G2G3 G1G1 G3 G3G4 G1Q G3G4 G1Q G3G4 G3G4 G3G4 G3G4 G3G4 G3G4 G3G4 G3G
Baptisia calycosa var. villosa Baptisia cinerea Baptisia lanceolata var. tomentosa Baptisia lanceolata var. tomentosa Baptisia megacarpa Bartonia texana Basiphyllaea corallicola Batesimalva violacea Bauhinia lunarioides Berberis canadensis Betula uber Bigelowia nuttalili Blephrilla suhnuda Blephilla woffordii	Moderate Very High Moderate Very High Moderate	G3T1 G3T3 G3G4 G4T3T4 G2 G2 G2G3 G2G3 G1 G3 G3G4 G1Q G3G4 G1Q G3G4 G1
Baptisia calycosa var. villosa Baptisia cinerea Baptisia lanceolata var. tomentosa Baptisia megacarpa Bartonia texana Basiphyllaea corallicola Batesimalva violacea Bauhinia lunarioides Berberis canadensis Betula uber Bigelowia nuttallii Blepharladchne bigelovii Blephilla subnuda Blephilla subnuda Blephilla subnuda	Moderate Moderate Moderate Moderate Moderate High High High High Moderate Nen-High Moderate	G3T1 G3T3 G3G4 G4T3T4 G2 G2 G2G3 G2G3 G1 G3 G3G4 G1Q G3G4 G3 G1G2 G1 G1 G1 G1
Baptisia calycosa var. villosa Baptisia cinerea Baptisia lancaolata var. tomentosa Baptisia megacarea Bastonia texana Bastohia texana Bastohia texana Bastohia texana Bastohia lunarioides Barberis canadensis Betula uber Bigelowia nuttallii Blepharidachne bigelovii Blephila woffordii Boechera zephyra Boerhavia mathisiana	Moderate Moderate Moderate Moderate Moderate Migh High High High Moderate Very High Moderate Very High Moderate Moderate Very High Moderate	G3T1 G3T3 G3G4 G4T3T4 G2 G2 G2G3 G2G3 G1 G3 G3G4 G1Q G3G4 G1Q G3G4 G1
Baptisia calycosa var. villosa Baptisia cinerea Baptisia lanceolata var. tomentosa Baptisia lanceolata var. tomentosa Baptisia megacarpa Bastiphyllaea corallicola Batesimaliva violacea Bauhinia lunarioides Berberis canadensis Berbaria canadensis Betula uber Bigelowia nuttallii Blepharidachne bigelovii Blephilia subruda Blephilia woffordii Boechera zephyra Boerhavia mathisiana Bolboschoenus novae-angliae	Moderate Moderate Moderate Moderate Moderate High High Moderate Sery High Moderate	G3T1 G3T3 G3G4 G4T3T4 G2 G2 G2G3 G1 G3 G3G4 G1 G3 G1 G3G4 G1Q G3G4 G1 G3 G1 G1 G3 G1 G2 G1
Baptisia calycosa var. villosa Baptisia cinerea Baptisia lancaolata var. tomentosa Baptisia megacarea Bastonia texana Bastohia texana Basiphyllaea corallicola Batesimalva violacea Bauhinia lunarioides Berberis canadensis Betula uber Bigelowia nuttallii Blepharidachne bigelovii Blephila woffordii Boechera zephyra Boerhavia mathisiana	Moderate Moderate Moderate Moderate Moderate Migh High High High Moderate Very High Moderate Very High Moderate Moderate Very High Moderate	G3T1 G3T3 G3G4 G4T3T4 G2 G2G3 G1G3 G1 G3 G3G4 G1Q G3G4 G1Q G3G4 G1Q G3G4 G1
Baptisia calycosa var. villosa Baptisia cinerea Baptisia lanceolata var. tomentosa Baptisia lanceolata var. tomentosa Baptisia megacarpa Bartonia texana Basiphyllaea corallicola Batesimalva violacea Bauhinia lunarioides Berberis canadensis Betula uber Bigelowia nuttallii Bilepharidachne bigelovii Biephilla subruda Biephilla woffordii Boechera zephyra Boerhavia mathisiana Bolboschoenus novae-angliae Boltonia apalachicolensis	Moderate	G3T1 G3T3 G3G4 G4T3T4 G2 G2 G2G3 G1 G3 G3G4 G1 G3 G3G4 G1Q G3G4 G1 G3 G1 G3 G1 G3 G3 G1 G3 G3 G1 G3 G3 G3 G3 G3 G3 G3 G3 G3 G4 G3
Baptisia calycosa var. villosa Baptisia cinerea Baptisia lanceolata var. tomentosa Baptisia lanceolata var. tomentosa Bartonia texana Bartonia texana Basiphyllaea corallicola Batesimalva violacea Basuhinia lunarioides Berberis canadensis Betula uber Bigelowia nuttallii Blepharidachne bigelovii Blephilia subnuda Blephilia voffordii Boechera zephyra Boerhavia mathisiana Bolboschoenus nova-angliae Boltonia a palachicolensis Botonia decurrens	Moderate Moderate Moderate Moderate Moderate High High High Moderate Very High Moderate Very High Moderate Very High Moderate Very High Moderate Moderate Very High Moderate	G3T1 G3T3 G3G4 G4T3T4 G2 G2 G2G3 G2G3 G1 G3 G3G4 G1Q G3G4 G1 G3 G1 G1 G2 G1 G1 G1 G2 G1 G2 G3
Baptisia calycosa var. villosa Baptisia cinerea Baptisia lanceolata var. tomentosa Baptisia megacarpa Bartonia texana Basiphyllaea corallicola Batesimalva violacea Bauhinia lunarioides Berberis canadensis Betula über Bigelowia nuttallii Blephardiachne bigelovii Blephardiachne bigelovii Blephilla subnuda	Moderate Moderate Moderate Moderate Moderate High High High High Moderate Very High Moderate Very High Moderate Moderate Moderate Moderate Very High Very High Very High Moderate Very High Moderate Very High Very High Moderate	G3T1 G3T3 G3G4 G4T3T4 G2 G2 G2G3 G1 G3 G3G4 G1Q G3G4 G1Q G3G4 G1 G1 G1 G1 G1 G2 G3 G3 G3 G1 G2 G1 G1 G1 G1 G1 G2 G3
Baptisia calycosa var. villosa Baptisia cinerea Baptisia lancaolata var. tomentosa Baptisia megacarea Bastonia texana Bastonia texana Bastonia texana Bastiphyllaea corallicola Batesimalva violacea Bauhinia lunarioides Berberis canadensis Betula uber Bigelowia nuttallii Blepharidachne bigelovii Blephila subnuda Blephila subnuda Blephila woffordii Boechera zephyra Boerhavia mathisiana Bolboscheenus novae-angliae Boltonia palachicolensis Boltonia decurrens Boltonia decurrens Boltonia matnata Bonamia grandiflora	Moderate Moderate Moderate Moderate Moderate Moderate Migh High High High Moderate	G3T1 G3T3 G3G4 G4T3T4 G2 G2 G2G3 G1 G3 G3G4 G1 G3 G3G4 G1 G3 G3G4 G1 G3 G3G4 G3 G1 G3 G3G4 G3
Baptisia calycosa var. villosa Baptisia cinerea Baptisia lanceolata var. tomentosa Baptisia lanceolata var. tomentosa Bartonia texana Bartonia texana Basiphillaea corallicola Batesimalva violacea Bauhinia lunarioides Berberis canadensis Betula uber Bigelowia nuttallii Bilepharidachne bigelovii Bilepharidachne bigelovii Bilephilla woffordii Boechera zephyra Boerhavia mathisiana Bolboschoenus novae-angliae Boltonia apalachicolensis Boltonia decurrens Boltonia montana Bonamia gradiffora Bonamia gradiffora Bonamia ovalifoliia	Moderate	G3T1 G3T3 G3G4 G4T3T4 G2 G2 G2G3 G1 G3 G3G4 G1Q G3G4 G1Q G3G4 G1 G3 G3G4 G1 G3 G3G4 G3 G1 G2 G3 G1 G2 G3 G1 G1 G1 G2 G3 G2 G3 G1 G2 G3 G2 G3 G1 G2 G3 G3 G1 G2 G3 G3 G1 G2 G3 G3 G1 G2 G3 G3 G3 G1 G2 G3 G3 G1 G2 G3 G3 G1 G2 G3 G3 G1 G1 G3 G3 G1 G1 G2 G3 G3 G1 G1 G3 G3 G1 G1 G2 G3 G3 G1 G2 G3 G3 G1 G1 G3 G3 G1 G1 G2 G3 G3 G1 G3 G4
Baptisia calycosa var. villosa Baptisia cinerea Baptisia lanceolata var. tomentosa Baptisia lanceolata var. tomentosa Baptisia megacarpa Bartonia texana Basiphyllaea corallicola Batesimalva violacea Basuhinia lunarioides Berberis canadensis Betula uber Bigelowia nuttallii Blepharidachne bigelovii Blepharidachne bigelovii Blephilia subrordii Boechera zephyra Boerhavia mathisiana Bolboschoenus novae-angliae Boltonia apalachicolensis Boltonia decurrens Bottonia montana Bonamia grandiflora Bonamia grandifloia Bonamia grandifloia Bonamia repens	Moderate Moderate Moderate Moderate Moderate Migh High High High Moderate Very High Non-Wigh Word-Wigh Wigh Wigh Word-Wigh Wigh Wigh Wigh Wigh Wigh Wigh Wigh	G3T1 G3T3 G3G4 G4T3T4 G2 G2 G2G3 G1 G3 G3G4 G1Q G3G4 G1Q G3G4 G1 G1 G2 G3 G1 G2 G3 G1 G1 G1 G2 G3 G3 G3 G1 G2 G3 G1 G3 G3 G1 G3 G1 G3 G3 G1 G3 G3 G1 G3 G3 G1 G3
Baptisia calycosa var. villosa Baptisia cinerea Baptisia ineceolata var. tomentosa Baptisia megacarpa Bartonia texana Basiphyllaea corallicola Batesimalva violacea Bauhinia lunarioides Berberis canadensis Betula uber Bigelowia nuttallii Blephardachne bigelovii Blephila subnuda Blephila subnuda Blephila subnuda Blephila subnuda Blephila subnuda Blochera zephyra Boorhavia mathisiana Bolboschoeus novae-angliae Boltonia apalachicolensis Boltonia palachicolensis Boltonia montana Bonamia repens Bonamia ovalifolia Bonamia repens Borodinia perstellata	Moderate Moderate Moderate Moderate Moderate High High High Moderate Very High Moderate Very High Moderate Moderate Moderate Moderate Moderate Moderate Moderate Very High Very High Very High Very High Very High Moderate Very High Moderate Very High Moderate Very High High Moderate Very High High Moderate Very High Moderate Very High Moderate Very High Moderate Moderate Very High Moderate	G3T1 G3T3 G3G4 G4T3T4 G2 G2 G2G3 G2G3 G1 G3 G3G4 G1Q G3G4 G3 G1G2 G1 G1 G1 G2 G3 G2 G3
Baptisia calycosa var. villosa Baptisia cinerea Baptisia lanceolata var. tomentosa Baptisia megararea Baptisia megararea Bastronia texana Basiphyllaea corallicola Batesimalva violacea Bauhinia lunarioides Berberis canadensis Betula über Bigelowia nuttallii Blepharidachne bigelovii Bilepharidachne bigelovii Blepharidachne bigelovii Blepharidachne bigelovii Boachera zaphyra Boerhavia mathisiana Bolboschoenus novae-angliae Boltonia apalachicolensis Boltonia decurrens Boltonia decurrens Boltonia montana Bonamia grandiflora Bonamia repens Borodinia perstellata Borodinia perstellata Borodinia perstellata	Moderate Moderate Moderate Moderate Moderate Migh High High High Moderate Weny High Moderate	G3T1 G3T3 G3G4 G4T3T4 G2 G2 G2G3 G1 G3 G3G4 G1 G3 G3G4 G1 G3 G1 G3 G3G4 G3 G1 G3 G3G4 G3 G1 G3 G3G4 G3 G1 G3 G3G4 G3 G1 G3 G3 G1 G2 G3 G1 G3 G1 G2 G3 G1 G3 G1 G2 G3 G1 G3 G1 G3 G1 G3 G1 G3 G2 G3 G1 G3 G1 G3 G2 G3 G1 G3 G2 G3 G3 G1 G3 G3 G2 G3 G3 G4 G3 G4 G3 G5 G4 G5 G5 G5 G5 G5 G5 G5 G6 G6 G6 G7
Baptisia calycosa var. villosa Baptisia cinerea Baptisia lanceolata var. tomentosa Baptisia lanceolata var. tomentosa Baptisia magacarpa Bartonia texana Basiphyllaea corallicola Batesimalva violacea Bauhinia lunarioides Bertheris canadensis Berthal uber Bigelowia nuttallii Blepharidachne bigelovii Blepharidachne bigelovii Blephila woffordii Boechera zaphyra Boerhavia mathisiana Boltonia apalachicolensis Boltonia decurrens Boltonia monatana Bonamia grandiflora Bonamia ropens Bonodinia perstellata Borodinia perstellata Borodinia perstellata Bordinia wightiii	Moderate Moderate Moderate Moderate Migh High High High Moderate M	G3T1 G3T3 G3G4 G4T3T4 G2 G2G3 G1 G1 G3 G3G4 G1Q G1G2 G1 G1 G1 G2 G3 G1 G2 G3 G1 G2 G3 G1 G2 G3 G2 G3 G1 G2 G3 G3 G1 G3 G3 G4 G4 G5 G5 G5 G5 G5 G5 G5 G5 G6

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Bourreria cassinifolia	High	G3?
Bourreria radula	Very High	G2?
Bourreria radula Bouteloua kayi	and the second second	G2? G1
	Very High	
Bouteloua parryi	Moderate	G3?
Brassia caudata	Moderate	G3G4
Brazoria arenaria	Moderate	G3
Brazoria enquistii	Very High	G2
Brazoria truncata var. pulcherrima	Moderate	G4T3
Brickellia baccharidea	High	G3
	All Super	
Brickellia cordifolia	High	G3
Brickellia dentata	Moderate	G3G4
Brickellia eupatorioides var. floridana	Very High	G5T1
Brickellia eupatorioides var. gracillima	Moderate	G5T3
Brickellia hinckleyi var. hinckleyi	Very High	G2T2
	Very High	G2TH
Brickellia hinckleyi var. terlinguensis		
Brickellia lemmonii var. lemmonii	Moderate	G4?T3?
Brickellia parvula	High	G3
Bromus arizonicus	Moderate	G3G4
Brongniartia minutifolia	Very High	G2
Buckleya distichophylla	High	G3
Bulbostylis warei	Moderate	G3G4
Caesalpinia brachycarpa	Very High	G2
Caesalpinia pauciflora	Moderate	G2G4
Caesalpinia phyllanthoides	Very High	G2?
	Moderate	
Cakile lanceolata ssp. pseudoconstricta		G5T2T4
Calamagrostis cainii	Very High	G1
Calamagrostis porteri ssp. insperata	Moderate	G4T3
Calamovilfa arcuata	High	G2G3
Calliandra biflora	Moderate	G3
Calliandra eriophylla var. chamaedrys	Very High	G5T1
Calliandra iselyi	Moderate	G3
Callirhoe bushii	Moderate	G3
Callirhoe scabriuscula	Very High	G2
Callirhoe triangulata	High	G3
Callisia micrantha	Moderate	G3
Calopogon multiflorus	High	G2G3
Calopogon oklahomensis	Very High	G2
Calopogon tuberosus var. simpsonii	Very High	G5T1T2
Calycanthus brockianus	Very High	G1?Q
Calydorea coelestina	High	G2G3
Calystegia catesbeiana ssp. Sericata	Moderate	G3T3
Campanula floridana	Moderate	G3?Q
Campanula reverchonii	Very High	G2
Campanula robinsiae	Very High	G1
Cardamine angustata var. ouachitana	Moderate	G5T3Q
Cardamine clematitis	High	G3
Cardamine longii	High	G3?
Cardamine macrocarpa var. texana	Very High	G3T2
Cardamine micranthera	Very High	G2
Cardiospermum dissectum	Moderate	G3
Carex acidicola	High	G2G3
Carex appalachica	Moderate	G4
Carex austrodeflexa	Moderate	G3G4
Carex baltzellii	Moderate	G3
Carex barrattii	Moderate	G4
Carex biltmoreana	Moderate	G3
Carex birtmoreana		G5
Carex bromoides ssp. montana	Moderate	G5T3?
Carex brysonii	Very High	G1
Carex calcifugens	Moderate	G3
Carex chapmanii	Moderate	G3
Carex communis var. amplisquama	Moderate	G5T3
Carex decomposita	Moderate	G3G4
Carex edwardsiana	Moderate	G3G4
Carex fissa var. fissa	Moderate	G4?T3T4
Carex fumosimontana	Very High	G2
Carex godfreyi	Moderate	G3G4
		G2
Carey impressinancia	Very High	
Carex impressinervia	10 at	G3
Carex juniperorum	High	
Carex juniperorum Carex latebracteata	Moderate	G3
Carex juniperorum	TOTAL TO	G3 G5T3T4
Carex juniperorum Carex latebracteata	Moderate	
Carex juniperorum Carex latebracteata Carex lucorum var. austrolucorum Carex lupuliformis	Moderate Moderate Moderate	G5T3T4 G4
Carex juniperorum Carex latebracteata Carex lucorum var. austrolucorum Carex lupuliformis Carex lutea	Moderate Moderate Moderate Very High	G5T3T4 G4 G2
Carex juniperorum Carex latebracteata Carex lucorum var. austrolucorum Carex lupuliformis Carex lutea Carex lutea	Moderate Moderate Moderate Very High Moderate	G5T3T4 G4 G2 G3G4
Carex juniperorum Carex latebracteata Carex lucorum var. austrolucorum Carex lupuliformis Carex lutea Carex lutea Carex manhartii Carex mckittrickeneis	Moderate Moderate Moderate Wery High Moderate Very High	G5T3T4 G4 G2 G3G4 G1
Carex juniperorum Carex latebracteata Carex lucorum var. austrolucorum Carex lupuliformis Carex lutea Carex lutea	Moderate Moderate Moderate Very High Moderate	G5T3T4 G4 G2 G3G4
Carex juniperorum Carex latebracteata Carex lucorum var. austrolucorum Carex lupuliformis Carex lutea Carex lutea Carex manhartii Carex mckittrickeneis	Moderate Moderate Moderate Wery High Moderate Very High	G5T3T4 G4 G2 G3G4 G1
Carex juniperorum Carex latebracteata Carex lucorum var. austrolucorum Carex lupuliformis Carex lutea Carex manhartii Carex mistrickensis Carex misera Carex misera Carex molestiformis	Moderate Moderate Very High Moderate Very High Moderate Very High Moderate	G5T3T4 G4 G2 G3G4 G1 G3
Carex juniperorum Carex latebracteata Carex lucorum var. austrolucorum Carex lupuliformis Carex lutea Carex manhariti Carex mckttrickensis Carex mises Carex mises Carex molestiformis Carex molestiformis Carex molestiformis Carex oxylepis var. pubescens	Moderate Moderate Moderate Very High Moderate Very High Moderate Moderate Moderate Moderate Moderate Moderate	G5T3T4 G4 G2 G3G4 G1 G3 G4 G5773
Carex juniperorum Carex latebracteata Carex lucorum var. austrolucorum Carex lupulformis Carex lutea Carex manhartii Carex mekittrickensis Carex misera Carex misera Carex mosers Carex oxylepis var. pubescens Carex paeninsulae	Moderate Moderate Wery High Moderate Very High Moderate Very High Moderate Moderate Moderate High	G5T3T4 G4 G2 G3G4 G1 G3 G4 G57T3 G2G3
Carex juniperorum Carex latebracteata Carex lucorum var. austrolucorum Carex lupuliformis Carex lutea Carex manhartii Carex mskitrickensis Carex msisera Carex molestiformis Carex molestiformis Carex oxylepis var. pubescens Carex paeninsulae Carex polymorpha	Moderate Moderate Moderate Very High Moderate Very High Moderate Moderate Hoderate High High	G5T3T4 G4 G2 G3G4 G1 G3 G4 G57T3 G2G3 G3
Carex juniperorum Carex latebracteata Carex lucorum var. austrolucorum Carex lupulformis Carex lutea Carex manhartii Carex mekittrickensis Carex misera Carex misera Carex mosers Carex oxylepis var. pubescens Carex paeninsulae	Moderate Moderate Wery High Moderate Very High Moderate Very High Moderate Moderate Moderate High	G5T3T4 G4 G2 G3G4 G1 G3 G4 G57T3 G2G3
Carex juniperorum Carex latebracteata Carex lucorum var. austrolucorum Carex lupuliformis Carex lutea Carex menhartii Carex methartii Carex methartii Carex methartii Carex methartii Carex methartii Carex methartii Carex paleninuiae Carex paeninsulae Carex paeninsulae Carex paelmorpha Carex radfordii	Moderate Moderate Moderate Very High Moderate Very High Moderate Moderate Hoderate High High	G5T3T4 G4 G2 G3G4 G1 G3 G4 G57T3 G2G3 G3
Carex juniperorum Carex latebracteata Carex lucurum var. austrolucorum Carex lupuliformis Carex lutea Carex misera Carex manhartii Carex misera Carex meletricidensis Carex molestiformis Carex coylepis var. pubescens Carex polymorpha Carex polymorpha Carex radfordii Carex radfordii Carex reniformis	Moderate Moderate Wery High Moderate Very High Moderate Very High Moderate Moderate Moderate High High Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate	G5T3T4 G4 G2 G3G4 G1 G3 G4 G57T3 G2G3 G3 G3 G4 G4?
Carex juniperorum Carex laberacteata Carex laberacteata Carex lucurum va. austrolucorum Carex lupuliformis Carex lutea Carex manhartii Carex melttrickensis Carex misera Carex molestiformis Carex molestiformis Carex coxylepis var, pubescens Carex pubera Carex padiroriii Carex reniformis Carex reniformis Carex roanensis	Moderate Moderate Wery High Moderate Very High Moderate Very High Moderate Moderate High High High Moderate High High Moderate Moderate High High Moderate High	G5T3T4 G4 G2 G3G4 G1 G3 G4 G57T3 G2G3 G3 G4 G57T3 G2G3 G3 G4 G4 G57T3 G3 G4 G5
Carex juniperorum Carex latebracteata Carex lucorum var. austrolucorum Carex lupuliformis Carex lutea Carex manhartii Carex mischtrickensis Carex misera Carex molestiformis Carex molestiformis Carex paeninsulae Carex paeninsulae Carex radfordii Carex radfordii Carex radfordii Carex radnensis Carex roanensis Carex ruthii	Moderate Moderate Moderate Moderate Very High Moderate Very High Moderate Moderate High High High High Moderate	G5T3T4 G4 G2 G3G4 G1 G3 G4 G57T3 G2G3 G3 G4 G3 G3 G3 G4 G47 G3 G3G4
Carex juniperorum Carex latebracteata Carex lucorum var. austrolucorum Carex lupuliformis Carex lutea Carex manhartii Carex mistrickensis Carex mistrickensis Carex molestiformis Carex molestiformis Carex oxylepis var. pubescens Carex paprinsulae Carex paprinsulae Carex paprinsulae Carex radifordii Carex reniformis Carex radifordii	Moderate Moderate Moderate Moderate Moderate Very High Moderate Moderate High Moderate Moderate High High Moderate High Moderate	G5T3T4 G4 G2 G3G4 G1 G3 G4 G5773 G2G3 G3 G4 G47 G3 G3 G47 G3 G3 G3 G47 G3 G3 G3 G47 G3
Carex juniperorum Carex latebracteata Carex lucurum var. austrolucorum Carex lutea Carex lutea Carex manhartii Carex mekitrickensis Carex misera Carex misera Carex oxylepis var. pubescens Carex paeninsulae Carex paeninsulae Carex roafordii Carex renformis Carex renformis Carex renformis Carex renensis Carex renensis Carex roanensis Carex ruthii	Moderate Moderate Moderate Moderate Very High Moderate Very High Moderate Moderate High High High High Moderate	G5T3T4 G4 G2 G3G4 G1 G3 G4 G57T3 G2G3 G3 G4 G3 G3 G3 G4 G47 G3 G3G4
Carex juniperorum Carex latebracteata Carex lucorum var. austrolucorum Carex lupuliformis Carex lutea Carex manhartii Carex mistrickensis Carex mistrickensis Carex molestiformis Carex molestiformis Carex oxylepis var. pubescens Carex paprinsulae Carex paprinsulae Carex paprinsulae Carex radifordii Carex reniformis Carex radifordii	Moderate Moderate Moderate Moderate Moderate Very High Moderate Moderate High Moderate Moderate High High Moderate High Moderate	G5T3T4 G4 G2 G3G4 G1 G3 G4 G5773 G2G3 G3 G4 G47 G3 G3 G47 G3 G3 G3 G47 G3 G3 G3 G47 G3
Carex juniperorum Carex laberacteata Carex laberacteata Carex lucurum va. austrolucorum Carex lupuliformis Carex lutea Carex manhartii Carex melostrircisensis Carex misera Carex molestiformis Carex coylepis var, pubescens Carex polymorpha Carex polymorpha Carex radfordii Carex reniformis	Moderate Moderate Wery High Moderate Wery High Moderate Wery High Moderate Moderate High High Moderate High Moderate High Moderate Moderate High	G5T3T4 G4 G2 G3G4 G1 G3 G4 G57T3 G2G3 G3 G4 G57T3 G3G4 G3 G4 G3 G3 G47 G3 G3G4 G3G4 G3G4
Carex ipuniperorum Carex latebracteata Carex lucurum var. austrolucorum Carex lutea Carex lutea Carex manhartii Carex mektirtickensis Carex misera Carex mostefformis Carex ovylepis var. pubescens Carex ovylepis var. pubescens Carex paeninsulae Carex polymorpha Carex radfordii Carex radfordii Carex radfordii Carex radfordii Carex radformis Carex schweinitziii Carex schweinitziii Carex schinersii Carex scocialis Carex schoneii	Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate High High Moderate High High Moderate High	G5T3T4 G4 G2 G3G4 G1 G3 G4 G57T3 G2G3 G3 G3 G3 G3 G47 G3 G3G4 G3G4 G3G4 G3G
Carex juniperorum Carex latebracteata Carex lucorum var. austrolucorum Carex lutguliformis Carex lutea Carex manhartii Carex mistriciensis Carex mistriciensis Carex molestiformis Carex molestiformis Carex oxylepis var. pubescens Carex papinisulae Carex papinisulae Carex radifordii Carex reniformis Carex radifordii Carex radifordii Carex radifordii Carex radifordii Carex radifordii Carex shinnersii Carex scholais Carex scholais Carex shinnersii Carex carealis Carex tarenii Carex tarenii Carex carealis Carex tarenii	Moderate Moderate Moderate Moderate Very High Moderate Moderate Moderate High High High Moderate High	G5T3T4 G4 G2 G3G4 G1 G3 G4 G57T3 G2G3 G3 G4 G4 G2 G4 G2 G4
Carex ipuniperorum Carex latebracteata Carex lucurum var. austrolucorum Carex lutea Carex lutea Carex manhartii Carex mektirtickensis Carex misera Carex mostefformis Carex ovylepis var. pubescens Carex ovylepis var. pubescens Carex paeninsulae Carex polymorpha Carex radfordii Carex radfordii Carex radfordii Carex radfordii Carex radformis Carex schweinitziii Carex schweinitziii Carex schinersii Carex scocialis Carex schoneii	Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate High High Moderate High High Moderate High	G5T3T4 G4 G2 G3G4 G1 G3 G4 G57T3 G2G3 G3 G3 G3 G3 G47 G3 G3G4 G3G4 G3G4 G3G
Carex juniperorum Carex latebracteata Carex lucorum var. austrolucorum Carex lutea Carex lutea Carex manhartii Carex mistrickensis Carex mistrickensis Carex molestiformis Carex molestiformis Carex oxylepis var. pubescens Carex paninsulae Carex polymorpha Carex radfordii Carex reniformis Carex radfordii Carex reniformis Carex soninsis Carex soninsis	Moderate Moderate Moderate Moderate Very High Moderate Moderate Moderate High High High Moderate High	G5T3T4 G4 G2 G3G4 G1 G3 G4 G5773 G2G3 G3 G4 G3 G47 G3 G3 G47 G3 G3G4 G3 G3 G47 G3 G3G4 G3 G4 G4 G2 G4 G2 G4
Carex ipiniperorum Carex latebracteata Carex lucorum var. austrolucorum Carex lupuliformis Carex lutea Carex manhartii Carex misera Carex misera Carex misera Carex misera Carex misera Carex misera Carex molestiformis Carex polymorpha Carex polymorpha Carex radfordii Carex radfordii Carex radfordii Carex remiformis Carex contensis Ca	Moderate Moderate Moderate Very High Moderate Very High Moderate Moderate Moderate Moderate Moderate High High Moderate Moderate High Moderate Moderate	G5T3T4 G4 G2 G3G4 G1 G3 G4 G57T3 G2G3 G3 G4 G3 G47 G3 G3 G47 G3 G3G4 G3G4 G
Carex juniperorum Carex latebracteata Carex lucorum var. austrolucorum Carex lupuliformis Carex lutea Carex manhartii Carex molestiformis Carex misera Carex molestiformis Carex molestiformis Carex oxylepis var. pubescens Carex papeninsulae Carex polymorpha Carex ranifordii Carex reniformis Carex socialis Carex thiomei Carex shinnersii Carex thornei Carex thornei Carex thornei Carex thornei Carex timida Carettema floridana Castanea dentata	Moderate Moderate Wesp High Moderate Wesp High Moderate Wesp High Moderate Moderate Moderate High High Moderate High High Moderate Moderate Moderate Moderate Moderate Moderate Moderate	G5T3T4 G4 G2 G3G4 G1 G3 G4 G57T3 G3 G3 G3 G3 G3 G4 G3 G3 G4 G3 G3 G4 G3 G3 G4 G3 G3 G4 G3 G3 G4 G3 G3 G3 G4 G3 G3 G3 G4 G3 G3 G3 G3 G4 G3

Castilleja genevievana	Moderate	G3G4
Castilleja halophila	Very High	G1
Castilleja kraliana	Very High	G2
Castilleja purpurea var. lindheimeri Catesbaea parviflora	Moderate High	G5T3 G3?
Cayaponia quinqueloba	Moderate	G4
Ceanothus serpyllifolius	Moderate	G3?Q
Celtis lindheimeri	Moderate	G3Q
Centaurium beyrichii var. glanduliferum	High Very High	G4G5T1T3 G1
Centaurium blumbergianum Centrosema arenicola	Very High	G2Q
Ceratophyllum echinatum	Moderate	G4
Chaerophyllum procumbens var. shortii	Moderate	G5T3T4Q
Chaetopappa effusa	Moderate	G3G4
Chaetopappa hersheyi Chaetopappa imberbis	High Moderate	G3 G3
Chaetopappa parryi	High	G3
Chamaecrista deeringiana	Moderate	G2G4Q
Chamaecrista fasciculata var. macrosperma	Moderate	G5T3
Chamaecrista horizontalis	Very High	G2
Chamaecrista lineata var. keyensis Chamaesyce astyla	Very High Very High	G5T2 G2
Chamaesyce carunculata	Moderate	G3G4
Chamaesyce chaetocalyx var. triligulata	Very High	G5T1
Cha maesyce conferta	Moderate	G3
Chamaesyce cumulicola	Very High	G2
Chamaesyce deltoidea ssp. adhaerens Chamaesyce deltoidea ssp. deltoidea	Very High Very High	G2T1 G2T1
Chamaesyce deltoidea ssp. pinetorum	Very High	G2T1
Chamaesyce deltoidea ssp. serpyllum	Very High	G2T1
Chamaesyce garberi	Very High	G1
Chamaesyce geyeri var. wheeleriana	Very High	G5T2
Chamaesyce golondrina Chamaesyce jejuna	Very High Very High	G2 G2
Chamaesyce keyensis	Very High	G1Q
Chamaesyce perennans	Moderate	G3
Chamaesyce porteriana var. porteriana	Very High	G2T2
Chamaesyce porteriana var. scoparia	Very High	G2T2
Chamaesyce simulans Chasmanthium nitidum	Moderate Moderate	G3 G3G4
Cheilanthes yavapensis	Moderate	G3?
Chelone cuthbertii	Moderate	G3
Chelone lyonii	Moderate	G4
Chelone obliqua var. erwiniae	Moderate	G4T2T4Q
Er a sa sa		
	Moderate Moderate	G4T3T4Q G4T3
Chelone obliqua var. speciosa	Moderate Moderate	G4T3T4Q G4T3 G3G4
Chelone obliqua var. speciosa Chenopodium cycloides	Moderate	G4T3
Chelone obliqua var. speciosa Chenopodium cycloides Chenopodium foggii Chionanthus pygmaeus	Moderate Moderate High High	G4T3 G3G4 G2G3 G2G3
Chelone obliqua var. speciosa Chenopodium cycloides Chenopodium foggii Chionanthus pygmaeus Chloris texensis	Moderate Moderate High High Nery High	G4T3 G3G4 G2G3 G2G3 G2
Cheione obliqua var. speciosa Chenopodium cycloides Chenopodium foggii Chionanthus pygmaeus Chloris texensis Chrysopsis delaneyi	Moderate Moderate High High Very High Moderate	G4T3 G3G4 G2G3 G2G3 G2 G3
Chelone obliqua var. speciosa Chenopodium cycloides Chenopodium foggii Chionanthus pygmaeus Chloris tevensis Chrysopsis delaneyi Chrysopsis floridana	Moderate Moderate High High Nery High	G4T3 G3G4 G2G3 G2G3 G2
Chelone obliqua var. speciosa Chenopodium cycloides Chenopodium foggii Chionanthus pygmaeus Chloris texensis Chrysopsis delaneyi Chrysopsis floridana Chrysopsis godfreyi	Moderate Moderate High High Wen-High Moderate Moderate Moderate	G4T3 G3G4 G2G3 G2G3 G2 G3 G3
Chelone obliqua var. speciosa Chenopodium cycloides Chenopodium foggii Chionanthus pygmaeus Chloris texensis Chrysopsis delaneyi Chrysopsis floridana Chrysopsis godfreyi Chrysopsis gosypina ssp. cruiseana Chrysopsis highlandsensis	Moderate Moderate High High Very High Moderate Moderate Moderate Very High Nery High	G4T3 G3G4 G2G3 G2G3 G2 G3 G3 G3 G3 G5T2 G2
Chelone obliqua var. speciosa Chenopodium cycloides Chenopodium foggii Chionanthus pygmaeus Chloris texensis Chrysopsis delaneyi Chrysopsis floridana Chrysopsis godfreyi Chrysopsis gosypina ssp. cruiseana Chrysopsis ghal	Moderate Moderate High High Very High Moderate Moderate Moderate Moderate Very High Very High Very High Moderate	G4T3 G3G4 G2G3 G2G3 G2 G3 G3 G3 G5T2 G2 G3
Chelone obliqua var. speciosa Chenopodium cycloides Chenopodium foggii Chionanthus pygmaeus Chloris texensis Chrysopsis delaneyi Chrysopsis floridana Chrysopsis godfreyi Chrysopsis gossypina ssp. cruiseana Chrysopsis highlandsensis Chrysopsis highlandsensis Chrysopsis highlandsensis Chrysopsis linearifolia ssp. dressii	Moderate Moderate High High Nery High Moderate Moderate Moderate Very High Moderate	G4T3 G3G4 G2G3 G2G3 G2 G3 G3 G3 G5T2 G2 G3 ⁷ G47T3 ⁷
Chelone obliqua var. obliqua Chelone obliqua var. speciosa Chenopodium cycloides Chenopodium cycloides Chenopodium cycloides Chioris texensis Chioris texensis Chrysopsis delaneyi Chrysopsis floridana Chrysopsis godfreyi Chrysopsis gosypina ssp. cruiseana Chrysopsis possypina ssp. cruiseana Chrysopsis latiquamea Chrysopsis linearifolia ssp. dressii Chrysopsis linearifolia ssp. dressii Chrysopsis linearifolia ssp. dressii Chrysopsis Chrysopsis linearifolia ssp. dressii Cicuta maculata var. bolanderi	Moderate Moderate High High Very High Moderate Moderate Moderate Moderate Very High Very High Very High Moderate	G4T3 G3G4 G2G3 G2G3 G2 G3 G3 G3 G5T2 G2 G3
Chelone obliqua var. speciosa Chenopodium cycloides Chenopodium foggii Chionanthus pygmaeus Chloris tevensis Chrysopsis delaneyi Chrysopsis floridana Chrysopsis godfreyi Chrysopsis gossypina ssp. cruiseana Chrysopsis highlandsensis Chrysopsis highlandsensis Chrysopsis linearifolia ssp. dressii	Moderate Moderate High High Moderate High	G4T3 G3G4 G2G3 G2G3 G2 G3 G3 G3 G5T2 G2 G3 ² G47T3 ² G3
Chelone obliqua var. speciosa Chenopodium cycloides Chenopodium foggii Chionanthus pygmaeus Chloris texensis Chrysopsis delaneyi Chrysopsis floridana Chrysopsis godfreyi Chrysopsis gosypina ssp. cruiseana Chrysopsis gossypina ssp. cruiseana Chrysopsis latiquamea Chrysopsis latiquamea Chrysopsis linearifolia ssp. dressii Chrysopsis linearifolia ssp. dressii Chrysothamnus spathulatus Cicuta maculata var. bolanderi Cirsium hillii Cirsium horridulum var. vittatum	Moderate Moderate High High Very High Moderate Moderate Moderate Moderate Moderate Moderate Moderate High Moderate High Moderate High Moderate High Moderate High Moderate	G4T3 G3G4 G2G3 G2G3 G2G3 G2 G3 G3 G3 G5T2 G2 G3? G47T3? G3 G5T3T4 G3 G5T3T4
Chelone obliqua var. speciosa Chenopodium cycloides Chenopodium cycloides Chiconarthus pygmaeus Chloris texensis Chrysopsis delaneyi Chrysopsis floridana Chrysopsis godreyi Chrysopsis gossypina ssp. cruiseana Chrysopsis gossypina ssp. cruiseana Chrysopsis latisquamea Chrysop	Moderate Moderate High High Ners High Moderate Moderate Moderate Moderate Moderate Moderate Lery High Moderate Moderate Moderate High Moderate High Moderate High Moderate High Moderate Moderate Migh Moderate Moderate Migh	G4T3 G3G4 G2G3 G2C3 G2 G3 G3 G3 G5T2 G2 G3 G5T7 G3 G5T7 G3 G5T7 G3 G5T5T4 G3 G5T5T4 G3
Chelone obliqua var. speciosa Chenopodium cycloides Chenopodium foggii Chionanthus pygmaeus Chloris texensis Chrycopsis delanev; Chrysopsis delanev; Chrysopsis godfrev; Chrysopsis godfrev; Chrysopsis gosypina ssp. cruiseana Chrysopsis highlandsensis Chrysopsis latisquamea Chrysopsis liatisquamea Chrysopsis linearifolia ssp. dressii Chrysoptamus spathulatus Cicuta maculata var. bolanderi Cirsium horridulum var. vittatum Cirsium leoridulum var. vittatum	Moderate Moderate High High Nery High Moderate Moderate Nery High Moderate Nery High Moderate	G413 G3G4 G2G3 G2G3 G2 G3 G3 G3 G3 G512 G2 G3 G57 G47132 G3 G575174 G3 G575174 G3 G3 G575174 G3 G3 G575174 G3 G3
Chelone obliqua var. speciosa Chenopodium cycloides Chenopodium cycloides Chiconarthus pygmaeus Chloris texensis Chrysopsis delaneyi Chrysopsis floridana Chrysopsis godreyi Chrysopsis gossypina ssp. cruiseana Chrysopsis gossypina ssp. cruiseana Chrysopsis latisquamea Chrysop	Moderate Moderate High High Ners High Moderate Moderate Moderate Moderate Moderate Moderate Lery High Moderate Moderate Moderate High Moderate High Moderate High Moderate High Moderate Moderate Migh Moderate Moderate Migh	G4T3 G3G4 G2G3 G2C3 G2 G3 G3 G3 G5T2 G2 G3 G5T7 G3 G5T7 G3 G5T7 G3 G5T5T4 G3 G5T5T4 G3
Chelone obliqua var. speciosa Chenopodium cycloides Chenopodium cycloides Chiconarthus pygmaeus Chloris texensis Chiryopis delaneyi Chrysopis delaneyi Chrysopis floridana Chrysopis godfreyi Chrysopis gossypina ssp. cruiseana Chrysopis laighlandsensis Chrysopis laitiquamea Cirsium cultifus sp. dressii Circium famculata var. bolanderi Cirsium hillii Cirsium hillii Cirsium hillii Cirsium lecontei Cirsium lecontei Cirsium rumeri Cirsium virginianum Cirsium yapathulatum Cladrastis kentukea	Moderate Moderate High High Nery High Moderate Moderate Very High Moderate Very High Moderate	G413 G364 G263 G263 G2 G3 G3 G3 G5
Chelone obliqua var. speciosa Chenopodium cycloides Chenopodium cycloides Chenopodium cycloides Chionanthus pygmaeus Chloris taxansis Chrysopsis delaneyi Chrysopsis floridana Chrysopsis godfreyi Chrysopsis godfreyi Chrysopsis gosypina ssp. cruiseana Chrysopsis latisquamea Chrysopsis latisquamea Chrysopsis linearifolia ssp. dressii Chrysopsis linearifolia ssp. dressii Chrysoptammus spathulatus Cicuta maculata var. bolanderi Cirisium hillii Cirisium horridulum var. vittatum Cirisium lecontei Cirisium turmeri Cirisium turmeri Cirisium turmeri Cirisium turmeri Ciridaretsi kantukaa Claytonia arkansana	Moderate Moderate High High Very High Moderate Moderate Very High Moderate Very High Moderate High Moderate High Moderate High Moderate High Moderate Moderate High Moderate	G413 G3G4 G2G3 G2G3 G2 G3 G3 G3 G51 G3 G57 G47132 G3 G57514 G3 G57514 G3 G3 G57514 G3 G3 G57514 G3 G3 G57514 G3 G4 G5
Chelone obliqua var. speciosa Chenopodium cycloides Chenopodium foggii Chionanthus pygmaeus Chloris texensis Chrysopsis delaneyi Chrysopsis floridana Chrysopsis gostfreyi Chrysopsis gosypina ssp. cruiseana Chrysopsis la disquamea Chrysopsis latisquamea Chrysopsis latisquamea Chrysopsis linearifolia ssp. dressii Chrysopsis linearifolia ssp. dressii Chrysophamus spathulatus Cicuta maculata var. bolanderi Cirsium hillii Cirsium horridulum var. vittatum Cirsium loorridulum var. vittatum Cirsium loontel Cirsium sygnianum Citharexylum spathulatum Cidarattis kentukea Claytonia arkansana Cleistesiopsis bifaria	Moderate Moderate High High Nery High Moderate Moderate Very High Moderate Very High Moderate Moderate High Moderate Moderate High Moderate	G413 G364 G263 G263 G2 G3 G3 G3 G3 G5 G5 G3 G5 G5 G3 G5 G5 G3 G5 G5 G5 G3 G5
Chelone obliqua var. speciosa Chenopodium cycloides Chenopodium foggii Chionanthus pygmaeus Chloris texensis Chrysopsis delaneyi Chrysopsis floridana Chrysopsis godfreyi Chrysopsis godfreyi Chrysopsis posspira ssp. cruiseana Chrysopsis pidlandsensis Chrysopsis latisquamea Chrysopsis latisquamea Chrysopsis latisquamea Chrysopsis linearifolia ssp. dressii Chrysopsis linearifolia ssp. dressii Chrysothamus spathulatus Cicitam mauliatuavar. bolanderi Cirsium hillii Cirsium horridulum var. vittatum Cirsium lorridulum var. vittatum Cirsium turmeri Cirsium turmeri Cirsium turmeri Cirsium turmeri Cirsium turneri	Moderate Moderate High High Nery High Moderate Moderate Nery High Moderate Nery High Moderate Moderate High Moderate Moderate Moderate High Moderate High Moderate High Moderate High Moderate	G4T3 G3G4 G2G3 G2C3 G2 G3 G3 G3 G52 G3 G52 G3 G52 G3 G57 G52 G37 G57 G53 G57 G53 G57 G53 G57 G53 G57 G53 G57 G54 G53 G57 G54 G55 G55 G55 G56 G57
Chelone obliqua var. speciosa Chenopodium cycloides Chenopodium foggii Chionanthus pygmaeus Chloris texensis Chrysopsis delaneyi Chrysopsis floridana Chrysopsis gostfreyi Chrysopsis gosypina ssp. cruiseana Chrysopsis la disquamea Chrysopsis latisquamea Chrysopsis latisquamea Chrysopsis linearifolia ssp. dressii Chrysopsis linearifolia ssp. dressii Chrysophamus spathulatus Cicuta maculata var. bolanderi Cirsium hillii Cirsium horridulum var. vittatum Cirsium loorridulum var. vittatum Cirsium loontel Cirsium sygnianum Citharexylum spathulatum Cidarattis kentukea Claytonia arkansana Cleistesiopsis bifaria	Moderate Moderate High High Nery High Moderate Moderate Very High Moderate Very High Moderate Moderate High Moderate Moderate High Moderate	G413 G364 G263 G263 G2 G3 G3 G3 G3 G5 G5 G3 G5 G5 G3 G5 G5 G3 G5 G5 G5 G3 G5
Chelone obliqua var. speciosa Chenopodium cycloides Chenopodium foggii Chionanthus pygmaeus Chloris taxensis Chrysopsis delaneyi Chrysopsis floridana Chrysopsis godfreyi Chrysopsis gosypina ssp. cruiseana Chrysopsis latiquamea Chrysopsis latiquamea Chrysopsis latiquamea Chrysopsis linearifolia ssp. dressii Chrysopsis linearifolia ssp. dressii Chrysophamus spathulatus Cicuta maculata var. bolanderi Cirsium hillii Cirsium horridulum var. vittatum Cirsium horridulum var. vittatum Cirsium lecontei Cirsium turmeri Cirsium turmeri Cirsium stananana Cleistesiopsis bifaria Cleatesiopsis bifaria Cleistesiopsis bifaria Cleistesiopsis oricamporum Clematis carrizoensis Clematis carcizoensis Clematis carcizoensis Clematis carcizoensis	Moderate Moderate High High Very High Moderate Moderate Moderate Moderate Moderate Moderate High Moderate Moderate Moderate Moderate High Moderate High Moderate High Moderate High Moderate High Moderate High Moderate	G413 G364 G263 G263 G2 G3 G3 G3 G57 G2 G3 G3 G57 G47137 G3 G51314 G3 G7
Chelone obliqua var. speciosa Chenopodium cycloides Chenopodium foggii Chionanthus pygmaeus Chioris texensis Chrysopsis delaneyi Chrysopsis floridana Chrysopsis godfreyi Chrysopsis gosypina ssp. cruiseana Chrysopsis possypina ssp. cruiseana Chrysopsis latiquamea Chrysopsis latiquamea Chrysopsis latiquamea Chrysopsis linearifolia ssp. dressii Cirsium hillii Cirsium horridulum var. vittatum Cirsium lecontei Cirsium lecontei Cirsium turmeri Cirsium virginianum Citharexylum spathulatum Cidnatis kentukea Claytonia arkansana Cleistesiopsis oricamporum Clematis addisonii Clematis carizoenisis Clematis carizoenisis Clematis fremontii var. riehliii	Moderate Moderate High High Very High Moderate Moderate Very High Moderate Very High Moderate Moderate Moderate Moderate Moderate Moderate High Moderate High Moderate High Moderate High Moderate	G413 G364 G263 G263 G2 G3 G3 G3 G3 G57 G2 G3 G57 G47137 G3 G57314 G3 G57314 G3 G57314 G3 G57314 G3 G3 G7
Chelone obliqua var. speciosa Chenopodium cycloides Chenopodium cycloides Chenopodium cycloides Chiconarthus pygmaeus Chloris texensis Chloris texensis Chrysopsis delaneyi Chrysopsis floridana Chrysopsis goffreyi Chrysopsis gossypina ssp. cruiseana Chrysopsis jalphlandsensis Chrysopsis latisquamea Cicrisum maculata var. bolanderi Cirisum haraulata var. vittatum Cirisum hillii Cirisum haraulata var. vittatum Cirisum lecontel Cirisum lecontel Cirisum spathulatum Cladrastis kentukea Cladrastis kentukea Cladrastis kentukea Cleatesiopsis bifaria Cleitesisopsis bifaria Cleitesisopsis bifaria Clematis carcinoensis Clematis carcinoensis Clematis cacactilis Clematis cacactilis Clematis fremontii var. riehlii Clematis glaucophylla	Moderate Moderate High High Nery High Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate High Moderate High Moderate High Moderate High Moderate High Moderate	G413 G364 G263 G263 G2 G3 G3 G3 G51 G2 G3 G57 G47137 G3 G575174 G3 G575174 G3 G53 G52 G3 G53 G53 G53 G53 G53 G53 G53 G53 G53
Chelone obliqua var. speciosa Chenopodium cycloides Chenopodium cycloides Chenopodium cycloides Chionanthus pygmaeus Chloris texensis Chloris texensis Chrycopsis delaneyi Chrysopsis floridana Chrycopsis godfreyi Chrysopsis gossypina ssp. cruiseana Chrycopsis gossypina ssp. cruiseana Chrycopsis latisquamea Cicrisum spathulatus Cicrisum spathulatus Cicrisum horidulum var. vittatum Cirisum horidulum var. vittatum Cirisum virginianum Cirisum virginianum Cicrisum virginianum Cicrisum spathulatum Cladratsis kartukea Claytonia arkansana Cleatesiopsis bifaria Cleatesiopsis bifaria Cleatesiopsis oricamporum Cleatesiopsis oricamporum Cleatesic cacrilis Clematis carcilisi Clematis fremontii var. rishiii Clematis fremontii var. rishiii Clematis fremontii var. rishiii Clematis fremontii var. rishiii	Moderate High High Wery High Moderate Moderate Moderate Moderate Very High Moderate Wery High Moderate	G413 G364 G263 G263 G2 G3 G3 G3 G3 G512 G2 G4 G3 G5174 G3 G51314 G3 G7
Chelone obliqua var. speciosa Chenopodium cycloides Chenopodium cycloides Chenopodium cycloides Chiconarthus pygmaeus Chloris texensis Chloris texensis Chrysopsis delaneyi Chrysopsis floridana Chrysopsis goffreyi Chrysopsis gossypina ssp. cruiseana Chrysopsis jalphlandsensis Chrysopsis latisquamea Cicrisum maculata var. bolanderi Cirisum haraulata var. vittatum Cirisum hillii Cirisum haraulata var. vittatum Cirisum lecontel Cirisum lecontel Cirisum spathulatum Cladrastis kentukea Cladrastis kentukea Cladrastis kentukea Cleatesiopsis bifaria Cleitesisopsis bifaria Cleitesisopsis bifaria Clematis carcinoensis Clematis carcinoensis Clematis cacactilis Clematis cacactilis Clematis fremontii var. riehlii Clematis glaucophylla	Moderate Moderate High High Nery High Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate High Moderate High Moderate High Moderate High Moderate High Moderate	G413 G364 G263 G263 G2 G3 G3 G3 G51 G2 G3 G57 G47137 G3 G575174 G3 G575174 G3 G53 G52 G3 G53 G53 G53 G53 G53 G53 G53 G53 G53
Chelone obliqua var. speciosa Chenopodium cycloides Chenopodium cycloides Chenopodium foggii Chionanthus pygmaeus Chloris texensis Chloris texensis Chrysopsis delanev; Chrysopsis floridana Chrysopsis godfreyi Chrysopsis godfreyi Chrysopsis latisquamea Chrysopsis latisquamea Chrysopsis latisquamea Chrysopsis linearifolia ssp. dressii Chrysopsis linearifolia ssp. dressii Chrysoptia mus spathulatus Cicuta maculata var. bolanderi Cirisium hillii Cicisium horridulum var. vittatum Cirisium leonotei Cirisium louridulum var. vittatum Cirisium leonotei Cirisium brurginianum Citharexylum spathulatum Cladrattis kentukaa Claytonia arkansana Cleatesiopsis bifaria Cleetesiopsis bifaria Cleetesiopsis oricamporum Clematis addisonii Clematis carizoensis Clematis fremontii var. rieblii Clematis fremorfieldii Clematis faucophylla Clematis faucophylla Clematis corcifieldii Clematis conteilii Clematis cocialis	Moderate Moderate High High Nery High Moderate Moderate Very High Moderate Moderate High Moderate Moderate Moderate High Moderate High Moderate High Moderate High Moderate High Moderate	G413 G364 G263 G263 G2 G3 G3 G3 G3 G512 G2 G3 G427132 G3 G57374 G3 G3 G3 G4 G2 G3 G4 G2 G3 G4 G2 G3 G4 G2 G3 G4 G3 G5 G3 G5 G4 G5 G5 G6 G6 G7
Chelone obliqua var. speciosa Chenopodium cycloides Chenopodium cycloides Chenopodium cycloides Chiconarthus pygmaeus Chloris texensis Chlysopsis delaneyi Chrysopsis delaneyi Chrysopsis floridana Chrysopsis godfreyi Chrysopsis gossypina ssp. cruiseana Chrysopsis jalhandsensis Chrysopsis latisquamea Cicuta maculata var. bolanderi Cirsium horidulum var. vittatum Cirsium horidulum var. vittatum Cirsium lecontel Cirsium horidulum var. vittatum Cirsium horidulum var. vittatum Cirsium horidulum var. vittatum Cladrattis kantuleaa Claytonia arkansana Cleatesiopsis bifaria Cleatesiopsis bifaria Cleatesiopsis corcamporum Clematis coactilis Clematis coactilis Clematis regionalis collentis reductivar. riehlii Clematis regionalis collentis feganociphyla Clematis morefieldii Clematis vinacea Clematis vinacea Clematis vinacea Clematis vinacea Clematis vinacea Clematis viticaulis	Moderate High High High Nery High Moderate Moderate Moderate Very High Moderate Very High Moderate Very High Moderate High Moderate Mod	G413 G364 G263 G263 G2 G3 G3 G3 G3 G512 G2 G3 G57 G47132 G3 G51314 G3 G51314 G3 G51314 G3 G51314 G3 G51314 G3 G613 G3 G613 G3 G63 G63 G64 G2 G3 G4 G2 G3 G4 G4 G5 G5 G6 G7 G6 G7 G6 G7 G6 G7
Chelone obliqua var. speciosa Chenopodium cycloides Chenopodium cycloides Chenopodium foggii Chionanthus pygmaeus Chloris texensis Chloris texensis Chrysopsis delaney; Chrysopsis floridana Chrysopsis godfreyi Chrysopsis gosypina ssp. cruiseana Chrysopsis highlandsensis Chrysopsis latisquamea Chrysopsis latisquamea Chrysopsis linearifolia ssp. dressii Chrysopsis linearifolia ssp. dressii Chrysoptiamus spathulatus Cicuta maculata var. bolanderi Cirsium hillii Cicisium horridulum var. vittatum Cirsium lecontei Cirsium lurignianum Cirsium lecontei Cirsium hurridulum var. vittatum Cladrattis kentukea Claytonia arkansana Cleatesiopsis bifaria Cleietesiopsis bifaria Cleietesiopsis bifaria Cleietesiopsis bifaria Clematis addisonii Clematis fremontii var. riehlii Clematis fremontii var. riehlii Clematis morefieldii Clematis socialis Clematis vinacea	Moderate High High Nery High Moderate Moderate Moderate Very High Moderate Very High Moderate	G413 G364 G263 G263 G2 G3 G3 G3 G3 G5 G5 G2 G3 G5 G5 G2 G3 G5 G5 G7 G47737 G3 G5 G57374 G3 G5 G57374 G3 G3 G4 G2 G3 G4 G2 G3 G4 G2 G3 G4 G2 G3 G4 G3 G5 G5 G4 G5 G5 G6 G6 G7 G6 G7 G7 G7 G8
Chelone obliqua var. speciosa Chenopodium cycloides Chenopodium foggii Chionanthus pygmaeus Chioris texensis Chrysopsis delaneyi Chrysopsis floridana Chrysopsis godfreyi Chrysopsis gosypina ssp. cruiseana Chrysopsis pidelanesis Chrysopsis latiquamea Chrysopsis latiquamea Chrysopsis linearifolia ssp. dressii Clirisum shillii Clirisum horridulum var. vittatum Clirisum horridulum var. vittatum Clirisum horridulum var. vittatum Clirisum exp. Clirisum shillii Cliri	Moderate Moderate High High Nery High Moderate Moderate Very High Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate High Moderate High Moderate High Moderate Mo	G413 G364 G263 G263 G2 G3 G3 G3 G3 G3 G5 G3 G5 G5 G3 G5 G5 G7 G7 G3 G5
Chelone obliqua var. speciosa Chenopodium cycloides Chenopodium cycloides Chenopodium cycloides Chiconarthus pygmaeus Chloris texensis Chloris texensis Chrysopsis delaneyi Chrysopsis floridana Chrysopsis goffreyi Chrysopsis gossypina ssp. cruiseana Chrysopsis jahjahadsensis Chrysopsis latisquamea Cicrisum haraultatus Cicrisum haraultatus Cicrisum haraultatus Cicrisum haraultatum Cirisum lecontel Cirisum haraultatum Cirisum virginianum Cicrisum virginianum Cicristanesia pathulatum Cladrastis kentukea Claytonia arlansana Cleietasiopsis bifaria Cleietasiopsis bifaria Cleietasiopsis bifaria Cleietasiopsis bifaria Clematis carcizoensis Clematis cacactilis Clematis cacactilis Clematis quacophylla Clematis glaucophylla Clematis texensis Clematis viricaulis Clematis texensis Clematis viricaulis Clemome lunticaulis	Moderate High High Nery High Moderate Moderate Moderate Very High Moderate Very High Moderate	G413 G364 G263 G263 G2 G3 G3 G3 G3 G5 G5 G2 G3 G5 G5 G2 G3 G5 G5 G7 G47737 G3 G5 G57374 G3 G5 G57374 G3 G3 G4 G2 G3 G4 G2 G3 G4 G2 G3 G4 G2 G3 G4 G3 G5 G5 G4 G5 G5 G6 G6 G7 G6 G7 G7 G7 G8
Chelone obliqua var. speciosa Chenopodium cycloides Chenopodium cycloides Chenopodium cycloides Chiconarthus pygmaeus Chloris texensis Chlysopsis delaneyi Chrysopsis delaneyi Chrysopsis floridana Chrysopsis godfreyi Chrysopsis gossypina ssp. cruiseana Chrysopsis jalhandsensis Chrysopsis latisquamea Ciristam caculata var. bolanderi Ciristam horridulum var. vittatum Ciristum hillii Ciristum horridulum var. vittatum Ciristum latisquamea Ciristum cureri Ciristum latisquamea Claristum spathulatum Cladratis kentulea Claytonia arkansana Cleatestopsis bifaria Cleatestopsis oricamporum Cleatestopsis oricamporum Cleatestic coactilis Clematis coactilis Clematis reductivar. riehlii Clematis reductivar. riehlii Clematis reductivar. riehlii Clematis reductivar. riehlii Clematis texenses Clematis tvinacea Clematis vinacea Clematis vinacea Clematis vinacea Clematis vinacea Clematis vinacea Clematis vinacea Clemopalium ashei Cliniopodium dentatum	Moderate High High Very High Moderate Moderate Moderate Very High Moderate Moderate Moderate Moderate High Moderate High Moderate High Moderate High Moderate High Moderate High Moderate	G413 G364 G263 G263 G2 G3 G3 G3 G3 G3 G57 G2 G3 G3 G57 G47137 G3 G57314 G3 G57314 G3 G57314 G3 G57314 G3 G57314 G3
Chelone obliqua var. speciosa Chenopodium cycloides Chenopodium foggii Chionanthus pygmaeus Chloris texensis Chrysopsis delaneyi Chrysopsis floridana Chrysopsis godfreyi Chrysopsis gosypina ssp. cruiseana Chrysopsis latiquamea Chrysopsis latiquamea Chrysopsis latiquamea Chrysopsis linearifolia ssp. dressii Chrysopsis mearifolia ssp. dressii Chrysopthamnus spathulatus Cicita maculata var. bolanderi Cirisium horridulum var. vittatum Cirisium horridulum var. vittatum Cirisium horridulum var. vittatum Cirisium horridulum var. vittatum Citisium turneri Cirisium singinianum Citharevylum spathulatum Cladrastis kentukea Claytonia arkansana Cleistesiopsis bifaria Cleistesiopsis bifaria Cleistesiopsis bifaria Cleistesiopsis oricamporum Cleimatis carizoensis Clematis crarizoensis Clematis remontii var. riehlii Clematis socialis Clematis remontii var. riehlii Clematis socialis Clematis texensis Clematis texensis Clematis vinacea Clematis vinacea Clematis vinacea Clematis vinacea Clematis vinacea Clematis vinacea Clematis unicaulis Clemone multicaulis Clenopodium glabellum Clinopodium glabellum Clinopodium glabellum Clinopodium glabellum Clinopodium glabellum	Moderate High High Nery High Moderate Moderate Moderate Very High Moderate Very High Moderate Moderate High Moderate High Moderate High Moderate High Moderate High Moderate High Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate High Moderate Moderate Moderate Very High Moderate Very High Moderate Very High Moderate Very High Moderate Moder	G413 G364 G263 G263 G2 G3 G3 G3 G3 G3 G3 G5 G5 G5 G3 G3 G5 G5 G3 G3 G5 G3 G4 G2 G4 G2 G3 G4 G2 G3 G4 G5
Chelone obliqua var. speciosa Chenopodium cycloides Chenopodium foggii Chionanthus pygmaeus Chioris texensis Chrysopsis delaneyi Chrysopsis floridana Chrysopsis godfreyi Chrysopsis gosypina ssp. cruiseana Chrysopsis latiquamea Chrysopsis latiquamea Chrysopsis latiquamea Chrysopsis linearifolia ssp. dressii Clirisum shillii Clirisum horridulum var. vittatum Clirisum horridulum var. vittatum Clirisum horridulum var. vittatum Clirisum horridulum var. vittatum Clirisum expathulatum Clarisum spathulatum Clidaratis kentukea Claytonia arlansana Cleistesiopsis bifaria Cleistesiopsis oricamporum Clematis ardisonii Clematis glaucophylla Clematis glaucophylla Clematis remontii var. riehlii Clematis glaucophylla Clematis twacea Clematis vinacea Clematis vina	Moderate High High Very High Moderate Moderate Moderate Moderate Very High Moderate Moderate Moderate Moderate Moderate Moderate Moderate High Moderate High Moderate High Moderate High Moderate	G413 G364 G263 G263 G2 G3 G3 G3 G3 G3 G5 G3 G5 G5 G7 G3 G5 G7
Chelone obliqua var. speciosa Chenopodium cycloides Chenopodium cycloides Chenopodium cycloides Chiconanthus pygmaeus Chloris texensis Chloris texensis Chrysopsis delaneyi Chrysopsis delaneyi Chrysopsis floridana Chrysopsis godfreyi Chrysopsis gossypina ssp. cruiseana Chrysopsis jaltinadesnis Chrysopsis latisquamea Cirisum anaculata var. bolanderi Cirisum harilliii Cilcisatesiopsis bifaria Cilcistesiopsis bifaria Cilcistesiopsis oricamporum Clematis coactilii Clematis coactilii Clematis coactilii Clematis godies Clematis winacea Clematis winacea Clematis winacea Clematis vinacea Clematis vinacea Clematis vinacea Clematis vinacea Clematis vinacea Clematis vinacea Clemopodium gabellum Clinopodium gabellum Clinopodium galabellum Clinopodium galabellum Clinopodium talladeganum Clitoria fragrans Coelorachis tuberculosa	Moderate High High High Serv High Moderate Moderate Moderate Very High Moderate Very High Moderate Very High Moderate Very High Moderate Very High Moderate Modera	G413 G364 G263 G263 G263 G2 G3 G3 G3 G3 G517 G2 G4773? G3 G51514 G3 G51514 G3 G51514 G3 G51514 G3 G61 G2 G3 G4 G2 G3 G4 G2 G3 G4 G4 G2 G3 G4 G4 G2 G3 G4 G3 G51 G51 G61 G3 G51 G51 G62 G3 G63 G63 G63 G7
Chelone obliqua var. speciosa Chenopodium cycloides Chenopodium cycloides Chenopodium cycloides Chionanthus pygmaeus Chloris taxansis Chrysopsis delaney; Chrysopsis floridana Chrysopsis godfrey; Chrysopsis godfrey Chrysopsis in construction of the construction of th	Moderate High High Very High Moderate Moderate Moderate Moderate Very High Moderate Moderate Moderate Moderate Moderate Moderate Moderate High Moderate High Moderate High Moderate High Moderate	G413 G364 G263 G263 G2 G3 G3 G3 G3 G3 G5 G3 G5 G5 G7 G3 G5 G7
Chelone obliqua var. speciosa Chenopodium cycloides Chenopodium roggii Chionanthus pygmaeus Chloris texensis Chloris texensis Chrysopsis delaney; Chrysopsis delaney; Chrysopsis godfreyi Chrysopsis gosypina ssp. cruiseana Chrysopsis latisquamea Chrysopsis latisquamea Chrysopsis linearifolia ssp. dressii Chrysopsis linearifolia ssp. dressii Chrysoptiamus spathulatus Cicuta maculata var. bolanderi Cirisium hillii Cirisium horridulum var. vittatum Cirisium lecontei Cirisium lecontei Cirisium brignianum Cicitarexylum spathulatum Cladrattis kentukaa Claytonia arkansana Cleatesiopsis bifaria Cleietesiopsis bifaria Cleietesiopsis bifaria Cleietesiopsis bifaria Cleietesiopsis framporum Clematis addisonii Clematis coactilis Clematis fremontii var. riehlii Clematis fremontii var. riehlii Clematis morefieldii Clematis texensis Clematis viticaulis Clematis viticaulis Clematis viticaulis Clematis viticaulis Clematis viticaulis Clemoem multicaulis Clenopodium dentatum Clinopodium glabellum	Moderate High High Nery High Moderate Moderate Moderate Moderate Nory High Moderate Nory High Moderate High Moderate High Moderate High Moderate High Moderate High Moderate	G413 G364 G363 G263 G2 G3 G3 G3 G3 G3 G512 G2 G3 G3 G57 G3 G57 G3 G3 G57 G3 G3 G57 G3 G3 G57 G4 G2 G3 G4 G2 G3 G4 G2 G3 G3 G4 G2 G3 G4 G3 G3 G57 G4 G3
Chelone obliqua var. speciosa Chenopodium cycloides Chenopodium rycloides Chenopodium foggii Chionanthus pygmaeus Chloris texensis Chrysopsis delanev; Chrysopsis floridana Chrysopsis godfreyi Chrysopsis godfreyi Chrysopsis latisquamea Chrysopsis latisquamea Chrysopsis latisquamea Chrysopsis linearifolia ssp. dressii Clirisum lillii Cirisum louridulum var. vittatum Cirisum lecontei Cirisum lurmeri Cirisum lurmeri Cirisum lurmeri Cirisum lurmeri Cirisum lurmeri Cirisum lurmeri Cirisum spathulatum Cladratis kentukea Cladratis kentukea Cladratis kentukea Cleanatis coactilis Clematis carcinosis Clematis coactilis Clematis coacti	Moderate High High Nery High Moderate Moderate Moderate Moderate Very High Moderate Wery High Moderate Moderate Moderate Moderate High Moderate Moderate High Moderate Moderate High Moderate Moderate High Moderate High Moderate Word High Moderate High Moderate High Moderate Word High Moderate Word High Moderate Mod	G413 G364 G263 G263 G2 G3 G3 G3 G3 G3 G3 G512 G2 G3 G3 G57374 G3 G57374 G3 G57374 G3 G57374 G3 G57374 G3 G4 G2 G1 G2 G3 G3 G4 G2 G2 G1 G3 G3 G5730 G4 G5

Condalia hookeri var. edwardsiana

Conradina brevifolia	Very High	G2Q
Conradina etonia	Very High	G1
Conradina glabra	Very High	G1
Conradina grandiflora	Moderate	G3
Conradina verticillata	Moderate	G3
Consolea corallicola	Very High	G1
Cooperia jonesii	Moderate	G3Q
Cooperia smallii	Very High	G1G2Q
Cooperia traubii	Moderate	G3
Corallorhiza bentleyi	Very High	G2
Corallorhiza odontorhiza var. pringlei	Moderate	G5T2T4
Coreopsis aristulata	Very High	G1
Coreopsis bakeri	Very High	G1
Coreopsis delphiniifolia	Moderate	G3?
Coreopsis floridana	Moderate	G3G4
Coreopsis grandiflora var. inclinata	Very High	G5T2
Coreopsis integrifolia	Very High	G1G2
Coreopsis intermedia	Moderate	G3
Coreopsis latifolia	Moderate	G3
Coreopsis nudata	Moderate	G3?
Coreopsis palustris	Moderate	G3G4Q
Coreopsis pulchra	Very High	G2
Coreopsis rosea	High	G3
Coryphantha macromeris var. runyonii	High	G5T2T3
Coryphantha nickelsiae	Very High	G2
Coryphantha camillosa ssp. ramillosa Coryphantha cabeeri yar echaeri	High	G2G3T2T3
Coryphantha scheeri var. scheeri Coryphantha sulcata	Moderate	G4T3
	Moderate Very High	G3G4 G2
Crataegus anamesa	Very High Moderate	G3Q
Crataegus anamesa Crataegus ashei	Very High	G3Q G2
Crataegus austromontana	Very High	GH GH
Crataegus austromontana Crataegus brazoria	Moderate	G3Q
Crataegus dallasiana	Moderate	G3Q
Crataegus danasiana Crataegus dispessa	Moderate	G3?
Crataegus fecunda	Very High	GXC
Crataegus flava	Very High	GH
Crataegus harbisonii	Very High	G1
Crataegus harveyana	Very High	G1G2
Crataegus kelloggii	Moderate	G3?
Crataegus lacrimata	Moderate	G3
Crataegus lanuginosa	Very High	GHC
Crataegus latebrosa	Very High	G1G2Q
Crataegus mendosa	Moderate	G3Q
Crataegus nananixonii	Very High	G1
Crataegus ouachitensis	Very High	G2
Crataegus pallens		L.
And become	Very High	G1
Crataegus pennsylvanica	Moderate Moderate	G3
Crataegus pennsylvanica Crataegus poliophylla Crataegus pruinosa var. magnifolia	Moderate Moderate Very High	G3 G3Q G5T1T2
Crataegus pennsylvanica Crataegus poliophylla	Moderate Moderate	G3 G3Q
Crataegus pennsylvanica Crataegus poliophylia Crataegus pruinosa var. magnifolia Crataegus upicherrima Crataegus senta	Moderate Moderate Very High Moderate Very High	G3 G3Q G5T1T2 G2G4 G2
Crataegus pennsylvanica Crataegus poliophylla Crataegus pruinosa var. magnifolia Crataegus puicherrima Crataegus senta Crataegus stenosepala	Moderate Moderate Very High Moderate Very High Moderate Moderate	G3 G3Q G5T1T2 G2G4 G2 G3Q
Crataegus pennsylvanica Crataegus poliophylla Crataegus pruinosa var. magnifolia Crataegus pulcherrima Crataegus senta Crataegus senta Crataegus sutherlandensis	Moderate Moderate Very High Moderate Moderate Moderate Moderate Moderate	G3 G3Q G5T1T2 G2G4 G2 G3Q G3Q
Crataegus pennsylvanica Crataegus poliophylla Crataegus pruinosa var. magnifolia Crataegus pulcherrima Crataegus seta Crataegus seta Crataegus seta Crataegus sutherlandensis Crataegus sutherlandensis	Moderate Moderate Very High Moderate Very High Moderate Moderate Moderate Moderate Moderate	G3 G3Q G5T1T2 G2G4 G2 G3Q G3Q
Crataegus pennsylvanica Crataegus poliophylia Crataegus pulinosa var. magnifolia Crataegus pulinorarima Crataegus senta Crataegus sten coepala Crataegus sutherlandensis Crataegus sutherlandensis Crataegus tracyci	Moderate Moderate Very High Moderate Very High Moderate	63 63Q 651172 6264 62 63Q 63Q 63Q 63Q
Crataegus pennsylvanica Crataegus poliophylla Crataegus pruinosa var. magnifolia Crataegus puicherrima Crataegus senta Crataegus stenosepala Crataegus sutherlandensis Crataegus texana Crataegus texana Crataegus tracyi Crataegus trifora	Moderate Moderate Very High Moderate Very High Moderate Moderate Moderate Moderate Moderate Moderate High	G3 G3Q G5T1T2 G2G4 G2 G3Q G3Q G3Q G3Q G3Q G3Q G3Q
Crataegus pennsylvanica Crataegus poliophylla Crataegus pruinosa var. magnifolia Crataegus pulcherrima Crataegus senta Crataegus senta Crataegus senta Crataegus sutherlandensis Crataegus setwana Crataegus tevana Crataegus tracyi Crataegus triflora Crataegus triflora Crataegus tumerorum	Moderate Moderate Very High Moderate Very High Moderate Moderate Moderate Moderate High Moderate High Moderate	G3 G3Q G5T1T2 G2G4 G2 G3Q G3Q G3Q G3Q G3Q G3Q G3Q G3Q G3Q
Crataegus pennsylvanica Crataegus poliophylla Crataegus pruincas var. magnifolia Crataegus pulentrima Crataegus suenta Crataegus stenosepala Crataegus sutherlandensis Crataegus texana Crataegus texana Crataegus texana Crataegus texipi Crataegus triflora Crataegus turmerorum Crataegus vibumifolia	Moderate Moderate Very High Moderate Sery High Moderate Moderate Moderate Moderate Moderate High Moderate High Moderate Moderate High Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate	63 63Q 65T1T2 6264 62 63Q 63Q 63Q 63Q 63Q 63Q 63Q 62G3 63
Crataegus pennsylvanica Crataegus poliophylia Crataegus pulinosa var. magnifolia Crataegus pulinosa var. magnifolia Crataegus senta Crataegus senta Crataegus stenosepala Crataegus sutherlandensis Crataegus strifora Crataegus trifora Crataegus trifora Crataegus tumerorum Crataegus tumerorum Crataegus viridis var. glabriuscula	Moderate Moderate Very High Moderate Very High Moderate Moderate Moderate Moderate Moderate Moderate High Moderate High Moderate	G3 G3Q G5T1T2 G2G4 G2 G3Q G3Q G3Q G3Q G2G3 G3Q G2G3 G3 G3 G3 G3 G3 G3 G3 G3 G3 G3 G3 G3 G
Crataegus pennsylvanica Crataegus poliophylla Crataegus puliosa var. magnifolia Crataegus pulcherrima Crataegus senta Crataegus senta Crataegus sutherlandensis Crataegus sutherlandensis Crataegus sutherlandensis Crataegus travpi Crataegus triflora Crataegus trimerorum Crataegus vibumrifolia Crataegus vibumrifolia Crataegus vindis var. glabriuscula Crataegus wameri	Moderate Very High Moderate Very High Moderate	G3 G3Q G5T1T2 G2G4 G2 G3Q G3Q G3Q G3Q G3Q G3Q G3Q G2G3 G3 G3 G3 G3 G3 G3 G3 G3 G3 G3 G3 G3 G
Crataegus pennsylvanica Crataegus poliophylla Crataegus pruinosa var. magnifolia Crataegus senta Crataegus senta Crataegus senta Crataegus sentera Crataegus sutherlandensis Crataegus setevana Crataegus setevana Crataegus texana Crataegus tracyi Crataegus triflora Crataegus vindra var. glabriuscula Crataegus vindris var. glabriuscula Crataegus vindris var. glabriuscula Crataegus warmeri Cressa nudicaulis	Moderate Moderate Very High Moderate Very High Moderate Moderate Moderate Moderate High Moderate High Moderate High Moderate Moderate Moderate High Moderate Moderate Moderate Moderate Moderate High Moderate Moderate High	G3 G3Q G5T1T2 G2G4 G2 G3Q G3Q G3Q G3Q G3Q G3Q G3Q G3Q G3Q G3Q
Crataegus pennsylvanica Crataegus poliophylla Crataegus pruinosa var. magnifolia Crataegus senta Crataegus senta Crataegus senta Crataegus senta Crataegus sutherlandensis Crataegus sutherlandensis Crataegus senta Crataegus senta Crataegus senta Crataegus senta Crataegus senta Crataegus trinora Crataegus trinora Crataegus vinum folia Crataegus vameri Cressa nudicaulis Crinum strictum	Moderate Moderate Very High Moderate Very High Moderate Moderate Moderate High Moderate High Moderate High Moderate High Moderate Hoderate High Moderate Hoderate High Moderate	63 63Q 6511T2 6264 62 63Q 63Q 63Q 63Q 63Q 63Q 63Q 63Q 63G 63G 63 63 6513T4 63Q 63
Crataegus pennsylvanica Crataegus poliophylla Crataegus pulnosa var. magnifolia Crataegus pulnorarma Crataegus senta Crataegus sentosepala Crataegus sutheriandensis Crataegus sutheriandensis Crataegus traflora Crataegus triflora Crataegus triflora Crataegus triflora Crataegus trimerorum Crataegus viridis var. glabriuscula Crataegus warmeri Cressa nudicaulis Critum strictum Croomia pauciflora	Moderate Moderate Very High Moderate Very High Moderate Moderate Moderate Moderate High Moderate High Moderate High Moderate Moderate Moderate High Moderate Moderate Moderate Moderate Moderate High Moderate Moderate High	G3 G3Q G5T1T2 G2G4 G2 G3Q G3Q G3Q G3Q G2G3 G3 G3 G3 G3 G3 G3 G3 G3 G3 G3 G3 G3 G
Crataegus pennsylvanica Crataegus poliophylla Crataegus puliopsa var. magnifolia Crataegus pulcherrima Crataegus senta Crataegus senta Crataegus senta Crataegus sutherlandensis Crataegus sutherlandensis Crataegus striflora Crataegus triflora Crataegus triflora Crataegus trimerorum Crataegus vibumifolia Crataegus vibumifolia Crataegus warmeri Cressa nudicaulis Crinum strictum Croomia pauciflora Croomia pauciflora Croomia pauciflora Croossopetalum ilicifolium	Moderate Moderate Very High Moderate Very High Moderate Moderate Moderate Moderate Moderate High Moderate High Moderate High Moderate High	63 63Q 6511T2 6264 62 63Q 63Q 63Q 63Q 63Q 63Q 63Q 63Q 63G 63G 63 63 6513T4 63Q 63
Crataegus pennsylvanica Crataegus poliophylla Crataegus pulnosa var. magnifolia Crataegus pulnorarma Crataegus senta Crataegus sentosepala Crataegus sutheriandensis Crataegus sutheriandensis Crataegus traflora Crataegus triflora Crataegus triflora Crataegus triflora Crataegus trimerorum Crataegus viridis var. glabriuscula Crataegus warmeri Cressa nudicaulis Critum strictum Croomia pauciflora	Moderate Very High Moderate Very High Moderate Moderate Moderate Moderate High Moderate High Moderate High Moderate	G3 G3Q G5T1T2 G2G4 G2 G3Q G3Q G3Q G3Q G3Q G3Q G3Q G3 G3 G3 G3 G3 G3 G3 G3 G3 G3 G3 G3 G3
Crataegus pennsylvanica Crataegus poliophylla Crataegus pruinosa var. magnifolia Crataegus pruinosa var. magnifolia Crataegus senta Crataegus senta Crataegus senta Crataegus senta Crataegus senta Crataegus senta Crataegus texana Crataegus texana Crataegus texana Crataegus tracyi Crataegus triflora Crataegus triflora Crataegus trimerorum Crataegus viburmifolia Crossa nudicaulis Crinum strictum Crossa petalum ilicifolium Crotalaria avonensis	Moderate Very High Moderate Very High Moderate Very High Moderate Moderate Moderate Moderate High Moderate High Moderate Moderate Moderate High Moderate	G3 G3Q G5T1T2 G2G4 G2 G3Q
Crataegus pennsylvanica Crataegus poliophylla Crataegus pruinosa var. magnifolia Crataegus senta Crataegus tenana Crataegus tenana Crataegus triflora Crataegus trimerorum Crataegus vibrumfolia Crataegus vibrumfolia Crataegus viridis var. glabriuscula Crataegus viridis var. glabriuscula Crataegus marier Cressa nudicaulis Crinum strictum Croomia pauciflora Croosopetalum ilicifolium Crotalaria avonensis Croton ala bamensis var. alabamensis	Moderate Moderate Very High Moderate Very High Moderate Moderate Moderate Moderate High Moderate High Moderate High Moderate Hoderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate High Moderate High Moderate High Moderate Woderate Moderate Very High Moderate	G3 G3Q G5T1T2 G2G4 G2 G3Q
Crataegus pennsylvanica Crataegus poliophylia Crataegus poliophylia Crataegus pulnerrima Crataegus senta Crataegus senta Crataegus senta Crataegus senta Crataegus stentosepala Crataegus stentosepala Crataegus stentoria Crataegus triflora Crataegus triflora Crataegus triflora Crataegus triflora Crataegus triflora Crataegus viridis var. glabriuscula Crataegus warmeri Cressa nudicaulis Crinum strictum Croosopetalum ilicifolium Crotoslaria avonensis Croton alabamensis var. talabamensis Croton alabamensis var. takensis	Moderate Moderate Very High Moderate Very High Moderate Moderate Moderate Moderate High Moderate High Moderate High Moderate Hoderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate High Moderate	G3 G3Q G5T1T2 G2G4 G2 G3Q
Crataegus pennsylvanica Crataegus poliophylla Crataegus pulnerrima Crataegus ucherrima Crataegus senta Crataegus sutherlandensis Crataegus triflora Crataegus triflora Crataegus trimerorum Crataegus trimerorum Crataegus vinidis var. glabriuscula Crataegus warmeri Cressa nudicaulis Critaegus warmeri Crossi pauciflora Crossopetalum ilicifolium Crotalaria avonensis Croton ala bamensis var. takamensis Croton ala bamensis var. texensis Croton coryi	Moderate Very High Moderate Very High Moderate	G3 G3Q G5T1T2 G2G4 G2 G3Q
Crataegus pennsylvanica Crataegus poliophylla Crataegus pruinosa var. magnifolia Crataegus sutherima Crataegus senta Crataegus sutherlandensis Crataegus sutherlandensis Crataegus sutherlandensis Crataegus texana Crataegus texana Crataegus traryi Crataegus triflora Crataegus triflora Crataegus trimerorum Crataegus vibumrifolia Crataegus trimerorum Crataegu	Moderate Very High Moderate Very High Moderate Moderate Moderate Moderate High Moderate High Moderate Moderate High Moderate High Moderate High Moderate High	G3 G3Q G5T1T2 G2G4 G2 G3Q
Crataegus pennsylvanica Crataegus poliophylla Crataegus pruinosa var. magnifolia Crataegus pruinosa var. magnifolia Crataegus senta Crataegus traryi Crataegus triflora Crataegus triflora Crataegus vindis var. glabriuscula Crataegus vindis var. glabriuscula Crataegus vindis var. glabriuscula Crataegus varmeri Cressa nudicaulis Crinum strictum Croomia pauciflora Croosopetalum ilicifolium Crotalaria avonensis Croton alabamensis var. alabamensis Croton alabamensis var. sensis Croton alabamensis var. sensis Croton oliopiticitii Croton glandulosus var. floridanus	Moderate Very High Moderate Very High Moderate Very High Moderate Moderate Moderate High Moderate High Moderate Moderate High Moderate Moderate Moderate Moderate Woderate Moderate Woderate Woderate High Moderate Woderate High Moderate Woderate High Moderate Moderate Moderate High Moderate High Moderate Wery High Moderate High Moderate High Moderate	G3 G3Q G5T1T2 G2G4 G2 G3Q
Crataegus pennsylvanica Crataegus poliophylla Crataegus poliophylla Crataegus pulnerrima Crataegus senta Crataegus senta Crataegus senta Crataegus senta Crataegus senta Crataegus senta Crataegus sutherlandensis Crataegus triflora Crataegus triflora Crataegus triflora Crataegus triflora Crataegus triflora Crataegus triflora Crataegus viridis var. glabriuscula Crataegus warmeri Cressa nudicaulis Crataegus warmeri Cressa nudicaulis Crotomus strictum Croomia pauciflora Croosopetalum ilicifolium Crotona labamensis var. alabamensis Croton a labamensis var. texensis Croton a labamensis var. texensis Croton ovyi Croton glandulosus var. floridanus Croton glandulosus var. floridanus Croton glandulosus var. simpsonii	Moderate Moderate Very High Moderate Very High Moderate Moderate Moderate Moderate Moderate High Moderate	G3 G3Q G5T1T2 G2G4 G2 G3Q
Crataegus pennsylvanica Crataegus poliophylla Crataegus poliophylla Crataegus poliophylla Crataegus pruinosa var. magnifolia Crataegus senta Crataegus senta Crataegus senta Crataegus sentepala Crataegus sutheriandensis Crataegus triflora Crataegus triflora Crataegus triflora Crataegus triflora Crataegus triflora Crataegus viridis var. glabriuscula Crataegus viridis var. glabriuscula Crataegus viridis var. glabriuscula Crataegus viridis var. glabriuscula Crotaegus viridis var. glabriuscula Crotomia pauciflora Crotomia pauciflora Croton ala bamensis var. alabamensis Croton ala bamensis var. texensis Croton on alabamensis var. texensis Croton glandulosus var. floridanus Croton glandulosus var. floridanus Croton plandulosus var. simpsonii Croton politsii var. thermophilus	Moderate Very High Moderate Very High Moderate Moderate Moderate Moderate High Moderate High Moderate Moderate High Moderate	G3 G3Q G5T1T2 G2G4 G2 G3Q
Crataegus pennsylvanica Crataegus poliophylla Crataegus poliophylla Crataegus pruinosa var. magnifolia Crataegus senta Crataegus senta Crataegus senta Crataegus senta Crataegus senta Crataegus stevana Crataegus tevana Crataegus traroyi Crataegus triflora Crataegus triflora Crataegus trimororum Crataegus trumororum Crataegus trumororum Crataegus vibumrifolia Crataegus trumororum Crataegus vibumrifolia Crataegus vibumrifolia Crataegus vibumrifolia Crataegus warneri Cressa nudicaulis Crinum strictum Crotonale pusifiora Croton ala bamensis var. slabamensis Croton ala bamensis var. tavensis Croton conyi Croton elilottii Croton glandulosus var. floridanus Croton plandulosus var. floridanus Croton plandulosus var. simpsonii Croton plandulosus var. simpsonii Croton pasaveolens	Moderate Very High Moderate Very High Moderate Moderate Moderate Moderate Moderate High Moderate High Moderate High Moderate High Moderate	G3 G3Q G5T1T2 G2G4 G2 G3Q
Crataegus pennsylvanica Crataegus poliophylla Crataegus pruinosa var. magnifolia Crataegus pruinosa var. magnifolia Crataegus senta Crataegus texana Crataegus texana Crataegus tracyi Crataegus triflora Crataegus triflora Crataegus triflora Crataegus viburnifolia Crotaegus viburnifolia Crotaegus viburnifolia Crotonalejus viburnifolia Crotonalejus viburnifolia Crotona labamensis var. slabamensis Croton alabamensis var. texensis Croton coryi Croton glandulosus var. floridanus Croton glandulosus var. floridanus Croton glandulosus var. simpoonii Croton palaveolens Croton susweolens Cryptantha crassipes	Moderate Very High Moderate Very High Moderate Very High Moderate Moderate Moderate High Moderate High Moderate High Moderate High Moderate Moderate Moderate Usery High Moderate High Moderate Moderate High High High High High High High High	G3 G3Q G5TITZ G2G4 G2 G3Q G3Q G3Q G3Q G3Q G3Q G3Q G3Q G2G3 G3 G
Crataegus pennsylvanica Crataegus poliophylla Crataegus poliophyla Crataegus pulnerrima Crataegus senta Crataegus senta Crataegus senta Crataegus senta Crataegus senta Crataegus senta Crataegus sutherlandensis Crataegus triflora Crataegus triflora Crataegus triflora Crataegus triflora Crataegus triflora Crataegus triflora Crataegus viridis var. glabriuscula Crataegus viridis var. glabriuscula Crataegus warmeri Cressa nudicaulis Crataegus viridis var. glabriuscula Crotaegus viridis var. sentaegus viridis var. texensis Croton alabamensis var. alabamensis Croton alabamensis var. texensis Croton alabamensis var. texensis Croton glandulosus var. floridanus Croton glandulosus var. floridanus Croton glandulosus var. simpsonii Croton pottsii var. thermophilus Croton suvecelens Cryptantha crassipes Cryptantha paysonii	Moderate Moderate Very High Moderate Very High Moderate Moderate Moderate Moderate High Moderate High Moderate High Moderate Hoderate Moderate Moderate Moderate Moderate Moderate High Moderate High Moderate Moderate High Moderate Very High Moderate	G3 G3Q G5T1T2 G2G4 G2 G3Q
Crataegus pennsylvanica Crataegus poliophylla Crataegus pruinosa var. magnifolia Crataegus pruinosa var. magnifolia Crataegus senta Crataegus senta Crataegus senta Crataegus senta Crataegus senta Crataegus senta Crataegus texana Crataegus texana Crataegus traryi Crataegus triflora Crataegus triflora Crataegus triflora Crataegus vibumifolia Crotaegus vibumifolia Crotaegus vibumifolia Crotaegus vibumifolia Crotom a mucifora Croomia pauciflora Croton a labamensis var. taxensis Croton a labamensis var. texensis Croton a labamensis var. texensis Croton glandulosus var. foridanus Croton polandulosus var. simpsonii Croton polandulosus var. simpsonii Croton polandulosus var. simpsonii Croton pataegus var. simpsonii Croton pataegus var. simpsonii Croton polandulosus var. termophilus Croton suaveolens Cryptantha crassipes Cryptantha crassipes Cryptantha paysonii Ctenium floridanum Cucurbita okseehobeensis Cupha aspera	Moderate Very High Moderate Very High Moderate Very High Moderate Moderate Moderate High Moderate High Moderate High Moderate High Moderate High Moderate High Moderate Mo	G3 G3Q G5T1T2 G2G4 G2 G3Q
Crataegus pennsylvanica Crataegus poliophyla Crataegus poliophyla Crataegus poliophyla Crataegus pruinosa var. magnifolia Crataegus senta Crataegus senta Crataegus senta Crataegus senta Crataegus stenosepala Crataegus stenosepala Crataegus triflora Crataegus triflora Crataegus triflora Crataegus triflora Crataegus triflora Crataegus triflora Crataegus viridis var. glabriuscula Crataegus warmeri Cressa nudicaulis Crinum strictum Croomia pauciflora Croosopetalum ilicifolium Crotona labamensis var. salabamensis Croton alabamensis var. texensis Croton alabamensis var. texensis Croton glandulosus var. floridanus Croton glandulosus var. fioridanus Croton glandulosus var. simpsonii Croton pottsii var. thermophilus Croton pottsii var. thermophilus Croton sueveolens Cryptantha crassipes Cryptantha paysonii Ctenium floridanum Cucurbita olseechobeensis Cuphea aspera Cuscuta attenuata	Moderate Moderate Very High Moderate Very High Moderate Moderate Moderate Moderate Moderate High Moderate High Moderate Moderate High Moderate Moderate Moderate Moderate Moderate Moderate High Moderate Moderate High Moderate Very High Moderate Mo	G3 G3Q G5T1T2 G2G4 G2 G3Q
Crataegus pennsylvanica Crataegus poliophylla Crataegus poliophylla Crataegus poliophylla Crataegus pruinosa var. magnifolia Crataegus senta Crataegus senta Crataegus senta Crataegus sentensis Crataegus stencepala Crataegus triflora Crataegus triflora Crataegus triflora Crataegus trimerorum Crataegus viridis var. glabriuscula Crataegus viridis var. glabriuscula Crataegus warneri Cressa nudicaulis Crataegus warneri Croessa nudicaulis Crotoma labamensis var. alabamensis Croton alabamensis var. texensis Croton alabamensis var. texensis Croton glandulosus var. floridanus Croton politii var. thermophilus	Moderate Very High Moderate Very High Moderate High Moderate	G3 G3Q G5T1T2 G2C4 G2 G3Q
Crataegus pennsylvanica Crataegus poliophylla Crataegus poliophylla Crataegus pulcherrima Crataegus senta Crataegus senta Crataegus senta Crataegus senta Crataegus senta Crataegus sutherlandensis Crataegus streifora Crataegus triflora Crataegus triflora Crataegus triflora Crataegus trimerorum Crataegus vibumifolia Crataegus vibumifolia Crataegus vibumifolia Crataegus wameri Cressa nudicaulis Critoraegus wameri Crossapetalum illicifolium Crotalaria avonensis Croton alabamensis var. alabamensis Croton alabamensis var. texensis Croton coryi Croton elliottii Croton pidandulosus var. floridanus Croton politsii var. thermophilus Croton politsii var.	Moderate Very High Moderate Very High Moderate Moderate Moderate Moderate High Moderate High Moderate Moderate High Moderate High Moderate	G3 G3Q G5T1T2 G2G4 G2 G3Q
Crataegus pennsylvanica Crataegus poliophylla Crataegus pruinosa var. magnifolia Crataegus sucherrima Crataegus senta Crataegus senta Crataegus sutherlandensis Crataegus sutherlandensis Crataegus texna Crataegus traryl Crataegus triflora Crataegus triflora Crataegus triflora Crataegus trimerorum Crataegus trimerorum Crataegus vibumifolia Crataegus trimerorum Crataegus vibumifolia Crataegus vibumifolia Crataegus warneri Cressa nudicaulis Crinum strictum Croomia pauciflora Crossopetalum Ilicifolium Crotalaria avonensis Croton ala bamensis var. texensis Croton glandulosus var. floridanus Croton glandulosus var. simpsonii Croton glandulosus var. simpsonii Croton suaveolens Cryptantha crassipes Cryptantha paysonii Cuelnium floridanum Cucurbita okeechobeensis Cuphea aspera Cuscuta attenuata Cuscuta senaltae	Moderate Very High Moderate Very High Moderate Moderate Moderate Moderate High Moderate High Moderate Moderate Moderate High Moderate High Moderate Moderate High Moderate High Moderate High Moderate High Moderate High High Moderate High	G3 G3Q G5T1T2 G2G4 G2 G3Q
Crataegus pennsylvanica Crataegus poliophyla Crataegus poliophyla Crataegus pulnerrima Crataegus senta Crataegus sutherlandensis Crataegus triflora Crataegus triflora Crataegus triflora Crataegus triflora Crataegus triflora Crataegus viridis var. glabriuscula Crotaegus viridis var. texensis Crotona labamensis var. alabamensis Croton alabamensis var. texensis Croton alabamensis var. texensis Croton alabamensis var. texensis Croton glandulosus var. floridanus Croton glandulosus var. floridanus Croton glandulosus var. simpsonii Croton pottsii var. thermophilus Croton sueveolens Cryptantha crassipes Cryptantha paysonii Ctenium floridanum Cucurbia olseechobeensis Cuphea aspera Cuscuta arapaer Cuscuta sarapaer Cuscuta tarapaer Cuscuta indecora var. indecora	Moderate Moderate Very High Moderate Very High Moderate Moderate Moderate Moderate High Moderate Moderate High Moderate High Moderate Moderate Moderate Moderate Moderate Moderate High Moderate High Moderate Migh Migh Moderate High High Moderate High High Moderate	G3 G3Q G5T1T2 G2G4 G2 G3Q
Crataegus pennsylvanica Crataegus poliophylla Crataegus poliophylla Crataegus pruinosa var. magnifolia Crataegus putherrima Crataegus senta Crataegus senta Crataegus senta Crataegus sentenais Crataegus stencepala Crataegus strifora Crataegus trifora Crataegus trifora Crataegus trifora Crataegus trifora Crataegus viridis var. glabriuscula Crataegus viridis var. glabriuscula Crataegus viridis var. glabriuscula Crataegus warmeri Cressa nudicaulis Critorium strictum Croomia pauciffora Croosopetalum ilicifolium Crotalaria avonensis Croton alabamensis var. alabamensis Croton alabamensis var. texensis Croton coryi Croton eliottii Croton plandulosus var. floridanus Croton plandulosus var. simpsonii Croton pottsii var. thermophilus Croton pottsii var. thermophilus Croton pottsii var. thermophilus Croton pottsii var. thermophilus Croton plandulosus var. simpsonii Croton pottsii var. thermophilus Croton pottsii var. thermophilus Croton pottsii var. calyptrata Cuscuta atenuata Cuscuta atenuata Cuscuta araperi Cuscuta andecora var. indecora Cynanchum blodgettii	Moderate Very High Moderate Very High Moderate High Moderate High Moderate High Moderate High Moderate High Moderate	G3 G3Q G5T1T2 G2C4 G2 G3Q G3Q G3Q G3Q G3Q G3Q G3Q G3Q G3Q G3G G3
Crataegus pennsylvanica Crataegus poliophylla Crataegus poliophylla Crataegus pruinosa var. magnifolia Crataegus sucherrima Crataegus senta Crataegus senta Crataegus senta Crataegus sutherlandensis Crataegus striflora Crataegus triflora Crataegus triflora Crataegus trimerorum Crataegus trimerorum Crataegus virbumifolia Crataegus virbumifolia Crataegus warneri Cressa nudicaulis Crinum strictum Croomia pauciflora Croomia pauciflora Croomia pauciflora Croton alabamensis var. elabamensis Croton alabamensis var. texensis Croton nudiculis Croton palabamensis var. foridanus Croton palabamensis var. texensis Croton palabamensis Croton palabamensis var. texensis Croton palabamensis Croton palabamensi	Moderate Very High Moderate Very High Moderate Moderate Moderate Moderate High Moderate High Moderate High Moderate Migh Moderate Migh Moderate	G3 G3Q G5T1T2 G2C4 G2 G3Q
Crataegus pennsylvanica Crataegus poliophylla Crataegus pruinosa var. magnifolia Crataegus pucherrima Crataegus senta Crataegus senta Crataegus senta Crataegus senta Crataegus setvana Crataegus stevana Crataegus travyi Crataegus triflora Crataegus triflora Crataegus trimerorum Crataegus vibumifolia Crotaegus vibumifolia Crotaegus vibumifolia Crotaegus vibumifolia Crotaegus vibumifolia Crotaegus vibumifolia Crotaegus vibumifolia Crotonale vibumifolia Crotonia senticum Crotonia in crotaegus vibumifolia Croton alabamensis var. texensis Croton pandulosus var. simpsonii Croton pataiti var. thermophilus Croton sueveolens Cryptantha crassipes Cryptantha paysonii Cenium floridanum Cucurbita okeechobeensis Cuphea aspera Cuscuta attenuata Cuscuta atenuata Cuscuta indecora var. indecora Cyynanchum morthropiae Cypanachum morthropiae Cyperus cephalanthus	Moderate Very High Moderate Very High Moderate High Moderate High Moderate High Moderate High	G3 G3Q G5T1T2 G2G4 G2 G3Q
Crataegus pennsylvanica Crataegus poliophyla Crataegus poliophyla Crataegus pulnerrima Crataegus senta Crataegus senta Crataegus senta Crataegus senta Crataegus senta Crataegus senta Crataegus sutherlandensis Crataegus triflora Crataegus triflora Crataegus triflora Crataegus triflora Crataegus triflora Crataegus triflora Crataegus viridis var. glabriuscula Crataegus viridis var. texensis Crotona labamensis var. takensis Croton ala bamensis var. texensis Croton ala bamensis var. texensis Croton ala bamensis var. texensis Croton glandulosus var. simpsonii Croton glandulosus var. simpsonii Croton glandulosus var. simpsonii Croton pottsii var. thermophilus Croton suveolens Cryptantha paysonii Ctenium floridanum Cucurbia oksechobeensis Cuscuta artenuata Cuscuta araperi Cuscuta indecora var. indecora Cyranchum blodgettii Cynanchum loodgettii Cynanchum loodgettii Cynanchum northropiae Cypeurs cephalanthus Cypeurs Epolaantus Cypeurs Epolaantus Cypeurs Epolaantus Cypeurs Epolaantus Cypeurs Epolaantus Cypeurs Epolaantus	Moderate Moderate Very High Moderate Very High Moderate Moderate Moderate Moderate High Moderate Moderate High Moderate Moderate High Moderate Moderate Moderate High Moderate Moderate High Moderate High Moderate High Moderate High Moderate High Moderate High Moderate	G3 G3Q G5T1T2 G2G4 G2 G3Q G3Q G3Q G3Q G3Q G3Q G3Q G3Q G3Q G3G G3
Crataegus pennsylvanica Crataegus poliophylla Crataegus poliophylla Crataegus pulnerrima Crataegus senta Crataegus senta Crataegus senta Crataegus senta Crataegus senta Crataegus senta Crataegus sutheriandensis Crataegus triflora Crataegus triflora Crataegus triflora Crataegus triflora Crataegus triflora Crataegus viridis var. glabriuscula Crataegus viridis var. texensis Crotona pauciflora Crossopetalum liicifolium Crotalaria avonensis Croton ala bamensis var. texensis Croton ala bamensis var. texensis Croton ala bamensis var. texensis Croton glandulosus var. floridanus Croton glandulosus var. floridanus Croton pottsii var. thermophilus Croton pottsii var. thermophilus Croton pottsii var. thermophilus Croton pottsii var. texensis Cryptantha crassipes Cryptantha paysonii Ctenium floridanum Cucurbita okeechobeensis Cuphea aspera Cuscuta attenuata Cuscuta gronovii var. calyptrata Cuscuta attenuata Cuscuta parperi Cuscuta in califorii califor	Moderate Moderate Very High Moderate Very High Moderate Moderate Moderate Moderate High Moderate Moderate High Moderate High Moderate High Moderate High Moderate High High Moderate High High High High Moderate	G3 G3Q G5T1T2 G2C4 G2 G3Q G3Q G3Q G3Q G3Q G3Q G3Q G3Q G3Q G3
Crataegus pennsylvanica Crataegus poliophylla Crataegus poliophylla Crataegus pruinosa var. magnifolia Crataegus sucherrima Crataegus senta Crataegus senta Crataegus senta Crataegus sutherlandensis Crataegus strifora Crataegus trifora Crataegus trifora Crataegus trifora Crataegus trimerorum Crataegus virbumifolia Crataegus virbumifolia Crataegus warneri Cressa nudicaulis Crinum strictum Croomia pauciflora Croomia pauciflora Croota alabamensis var. elabamensis Croton alabamensis var. elabamensis Croton alabamensis var. foridanus Croton giandulosus var. floridanus Croton palandulosus var. floridanus Croton palandulosus var. simpsonii Croton pottsii var. thermophilus Croton pottsii var. thermophilus Croton pottsii var. thermophilus Croton palandulosus var. simpsonii Croton palan	Moderate Moderate Very High Moderate Very High Moderate Moderate Moderate Moderate High Moderate Very High Moderate High Moderate	G3 G3Q G5T1T2 G2C4 G2 G3Q G3Q G3Q G3Q G3Q G3Q G3Q G3Q G3Q G3
Crataegus pennsylvanica Crataegus poliophylla Crataegus pulcherrima Crataegus pulcherrima Crataegus sucherrima Crataegus senta Crataegus senta Crataegus senta Crataegus sutherlandensis Crataegus sutherlandensis Crataegus triflora Crataegus triflora Crataegus triflora Crataegus viburnifolia Crataegus viburnifolia Crataegus viburnifolia Crataegus viburnifolia Crataegus wameri Cressa nudicaulis Crinum strictum Crotonalis audicinum Crotolaria avonensis Croton alabamensis var. slabamensis Croton alabamensis var. texensis Croton conyl Croton pottsii var. thermophilus Croton pottsii var. thermophilus Croton pottsii var. thermophilus Croton suaveolens Cryptantha crassipes Cryptantha paysonii Centium foridanum Cucurbita oliseachobeensis Cuphea aspera Cuscuta aratenuata Cuscuta parater Cuscuta indecora var. indecora Cynanchum blodgettii Cynanchum blodgettii Cynanchum blodgettii Cyperus gepallanthus Cyperus gepallanthus Cyperus gepallanthus Cyperus genatolephilus Cyperus genatolephilu	Moderate Very High Moderate Very High Moderate Moderate Moderate Moderate Moderate High Moderate High Moderate High Moderate High Moderate High Moderate High Moderate High Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate	G3 G3Q G5T1T2 G2G4 G2 G3Q G3Q G3Q G3Q G3Q G3Q G3Q G3Q G3Q G3G G3
Crataegus pennsylvanica Crataegus poliophylla Crataegus poliophylla Crataegus priniosa var. magnifolia Crataegus senta Crataegus senta Crataegus senta Crataegus senta Crataegus sutheriandensis Crataegus strifora Crataegus trifora Crataegus trifora Crataegus trifora Crataegus trifora Crataegus trifora Crataegus vindia var. glabriuscula Crataegus warneri Cressa nudicaulis Crataegus warneri Crossopetalum ilicifolium Crotalaria avonensis Croton ala bamensis var. texensis Croton ala bamensis var. texensis Croton ala bamensis var. foridanus Croton poliotii Croton poliotii Croton politii var. thermophilus Croton glandulosus var. simpsonii Cusuta taraegus Cuphea aspera Cuphea sapera Cuscuta indecora var. indecora Cynanchum Bodgettii Cynanchum northropiae Cyperus gantophilus Cyperus grayoides	Moderate Moderate Very High Moderate Very High Moderate Moderate Moderate Moderate High Moderate Very High Moderate High Moderate	G3 G3Q G5T1T2 G2C4 G2 G3Q G3Q G3Q G3Q G3Q G3Q G3Q G3Q G3Q G3

Cystopteris utahensis	Moderate	G3?
Dalea adenopoda	High	G2G3
Dalea austrotexana	Very High	G2
Dalea bartonii	Very High	G1
Dalea cahaba	Very High	G2
Dalea carnea var. carnea	Moderate	G5T3T4
Dalea carnea var. gracilis	Moderate	G5T3
Dalea carthagenensis var. floridana	Very High	G5T1
Dalea cylindriceps		
	High	G3
Dalea foliosa	High	G2G3
Dalea gattingeri	Moderate	G3G4
Dalea hallii	High	G3
Dalea pinnata var. trifoliata	Moderate	G5T3T4
Dalea reverchonii	Very High	G2
Dalea sabinalis	Very High	GH
Dasistoma macrophylla	Moderate	G4
Deeringothamnus pulchellus	Very High	G2
Deeringothamnus rugelii	Very High	G1
Delphinium alabamicum	Moderate	G3
Delphinium carolinianum ssp. calciphilum	Moderate	G5T2T4
Delphinium exaltatum	Moderate	G3
	Moderate	
Delphinium newtonianum		G3
Delphinium treleasei	Moderate	G3
Dendrophylax lindenii	Very High	G1
Dermatophyllum guadalupense	Very High	G2
Desmanthus reticulatus	Moderate	G3
Desmodium humifusum	Very High	G1G2Q
Desmodium lindheimeri	Moderate	G3G4
Desmodium ochroleucum	High	G2G3
Desmodium paniculatum var. epetiolatum	Very High	G5T1Q
Desmodium tweedyi	Moderate	G3
Dicerandra christmanii	Very High	G1
Dicerandra cornutissima		G2
	Very High Moderate	
Dicerandra densiflora	1 11 1	G3?
Dicerandra frutescens	Very High	G1
Dicerandra immaculata var. immaculata	Very High	G1T1
Dicerandra immaculata var. savannarum	Very High	G1T1
Dicerandra modesta	Very High	G1
Dicerandra radfordiana	Very High	G1Q
Dicerandra thinicola	Very High	G1Q
Dichanthelium aciculare ssp. neuranthum	High	G5T3
Dichanthelium appalachiense	Very High	G1
	High	G2G3
Dichanthelium caerulescens		
Dichanthelium dichotomum var. breve	Moderate	G5T3
Dichanthelium ensifolium ssp. curtifolium	High	G4T3?
Dichanthelium harvillii	Very High	G1
Dichanthelium hirstii	Very High	G1
Dichanthelium malacon	Moderate	G3
Dichanthelium nudicaule	Moderate	G3Q
Dichanthelium nudicaule Diervilla rivularis	Moderate Moderate	G3Q G3
Diervilla rivularis Digitaria cognata var. arenicola	Moderate High	G3
Diervilla rivularis Digitaria cognata var. arenicola Digitaria floridana	Moderate High Very High	G3 G5T1T3 G1
Dienvilla rivularis Digitaria cognata var. arenicola Digitaria floridana Digitaria gracillima	Moderate High Very High Nery High	G3 G5T1T3 G1 G1
Dienvilla rivularis Digitaria cognata var. arenicola Digitaria floridana Digitaria gracillima Digitaria pauciflora	Moderate High Very High Very High Very High	G3 G5T1T3 G1 G1 G1
Diervilla rivularis Digitaria cognata var. arenicola Digitaria floridana Digitaria gracillima Digitaria pauciflora Digitaria sumponii	Moderate High Very High Very High Very High Very High	G3 G5T1T3 G1 G1 G1 G2
Diervilla rivularis Digitaria cognata var. arenicola Digitaria floridana Digitaria gracillima Digitaria psuorifora Digitaria psuorifora Digitaria sun psonii Dionaea muscipula	Moderate High Very High Very High Very High Very High Very High Very High	G3 G5T1T3 G1 G1 G1 G2 G2
Diervilla rivularis Digitaria cognata var. arenicola Digitaria floridana Digitaria gracillima Digitaria pauciflora Digitaria simpsonii Dionaea muscipula Dioscorea floridana	Moderate High Very High Very High Very High Very High Very High Moderate	G3 G5T1T3 G1 G1 G1 G2 G2 G2 G3G4
Diervilla rivularis Digitaria cognata var. arenicola Digitaria floridana Digitaria gracillima Digitaria puciflora Digitaria simpsonii Dionaea muscipula Dioscorea filoridana Diplachne maritima	Moderate High Very High Very High Very High Very High Moderate Moderate	G3 G5T1T3 G1 G1 G1 G2 G2 G2 G2 G3G4 G3G4
Diervilla rivularis Digitaria Gognata var. arenicola Digitaria floridana Digitaria floridana Digitaria gracillima Digitaria pauciflora Digitaria simpsonii Dionaea muscipula Dioscorea floridana Diplachne maritima Dirca decipiens	Moderate High Very High Very High Very High Very High Moderate Moderate Very High	G3 G5T1T3 G1 G1 G1 G2 G2 G3G4 G1G2 G1G2
Diervilla rivularis Digitaria cognata var. arenicola Digitaria floridana Digitaria gracillima Digitaria psuciflora Digitaria psuciflora Digitaria psuciflora Dioscorea floridana Diplachne maritima Dirac decipiens Dica palustris	Moderate High Yery High Yery High Yery High Yery High Moderate Yery High Moderate Yery High Moderate	G3 G5T1T3 G1 G1 G1 G2 G3G4 G3G4 G3G4 G3G4 G4G2 G4
Diervilla rivularis Digitaria Gognata var. arenicola Digitaria floridana Digitaria floridana Digitaria gracillima Digitaria pauciflora Digitaria simpsonii Dionaea muscipula Dioscorea floridana Diplachne maritima Dirca decipiens	Moderate High Very High Very High Very High Very High Moderate Moderate Very High	G3 G5T1T3 G1 G1 G1 G2 G2 G3G4 G1G2 G1G2
Diervilla rivularis Digitaria cognata var. arenicola Digitaria floridana Digitaria gracillima Digitaria psuciflora Digitaria psuciflora Digitaria psuciflora Dioscorea floridana Diplachne maritima Dirac decipiens Dica palustris	Moderate High Yery High Yery High Yery High Yery High Moderate Yery High Moderate Yery High Moderate	G3 G5T1T3 G1 G1 G1 G2 G3G4 G3G4 G3G4 G3G4 G4G2 G4
Diervilla rivularis Digitaria cognata var. arenicola Digitaria floridana Digitaria gracillima Digitaria psuriflora Digitaria simpsonii Dionaea muscipula Dioscorea floridana Diplachne maritima Dirac decipiens Dirac palustris Dodecatheon frenchii	Moderate High Very High Very High Very High Very High Very High Moderate	G3 G5T1T3 G1 G1 G1 G2 G2 G3G4 G3G4 G3G4 G4 G3?
Diervilla rivularis Digitaria Cognata var. arenicola Digitaria Goldana Digitaria Goldana Digitaria gracillima Digitaria simpsonii Dionaea muscipula Dioscorea Fioridana Diplachne maritima Dirca decipiens Dirca palustris Dodecatheon Frenchii Draba aprica	Moderate High Very High Very High Very High Very High Very High Moderate	G3 G5T1T3 G1 G1 G1 G2 G2 G3G4 G3G4 G1G2 G4 G37 G37 G3
Diervilla rivularis Digitaria Gognata var. arenicola Digitaria Goridana Digitaria Goridana Digitaria pauciflora Digitaria pauciflora Digitaria simpsonii Dionaea muscipula Dioscorea Floridana Diplachne maritima Dirca decipiens Dirca palustris Dodecatheon frenchii Draba aprica Draba standleyi	Moderate High Very High Very High Very High Very High Very High Moderate Moderate Moderate Dery High Moderate Moderate Moderate High Moderate High	G3 G5T1T3 G1 G1 G1 G2 G2 G3G4 G3G4 G1G2 G4 G37 G3 G3 G2G3
Diervilla rivularis Digitaria cognata var. arenicola Digitaria floridana Digitaria gracillima Digitaria pauciflora Digitaria pauciflora Digitaria pauciflora Digitaria pauciflora Dioscorea floridana Diplachne maritima Dirca decipiens Dirca palustris Dodecatheon frenchii Draba standleyi Drosera tracyi Droypteris celsa	Moderate High Yery High Yery High Yery High Yery High Yery High Moderate	G3 G5T1T3 G1 G1 G1 G1 G2 G3G4 G3G4 G37 G3 G2G3 G3G4 G3G4 G3G4 G37 G3 G3G4 G4 G
Diervilla rivularis Digitaria cognata var. arenicola Digitaria fordiana Digitaria fordiana Digitaria pacifilma Digitaria simpsonii Dionaea muscipula Dioscorea fordiana Diplachne maritima Dirac adeicijens Dirica palustris Drodecatheon frenchii Draba aprica Draba tandleyi Drosera tracyi Droypteris celsa Dyschoriste angusta	Moderate High Very High Very High Very High Very High Very High Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate High Moderate High Moderate High Moderate High Moderate Moderate High	G3 G5T1T3 G1 G1 G1 G2 G2 G3G4 G3G4 G1G2 G4 G37 G3 G2G3 G3G4 G4 G2G3
Diervilla rivularis Digitaria Gognata var. arenicola Digitaria Gognata var. arenicola Digitaria Gognata var. Digitaria Gognata Digitaria paucifiora Digitaria simpsonii Dionaea muscipula Dioscorea fioridana Diplache maritima Dirca decipiens Dirca palustris Dodecatheon frenchii Draba aprica Draba standleyi Drosera tracyi Drospatis celsa Dyschoriste angusta Echeandia chandleri	Moderate High Very High Very High Very High Very High Very High Moderate Moderate Moderate Moderate Moderate Moderate High Moderate High Moderate High Moderate High High High High	G3 G5T1T3 G1 G1 G1 G2 G2 G3G4 G3G4 G1G2 G4 G37 G3 G36 G36 G36 G36 G36 G36 G36 G36 G36
Diervilla rivularis Digitaria cognata var. arenicola Digitaria procida Digitaria procidima Digitaria paucifiora Digitaria paucifiora Digitaria paucifiora Digitaria paucifiora Digitaria paucifiora Dioscorea floridana Diplachne maritima Dirca decipiens Dirca palustris Dordecatheon frenchii Draba aprica Draba standleyi Drosera tracyi Drosperis celsa Drycptoris celsa Drycptoris celsa Dyschoriste angusta Echeandia chandleri Echeandia reflexa	Moderate High Very High Very High Very High Very High Very High Very High Moderate Moderate Moderate Moderate Moderate High Moderate High Moderate High Moderate High Moderate High Moderate High Moderate Moderate High Moderate	G3 G5T1T3 G1 G1 G1 G2 G2 G3G4 G3G4 G1G2 G4 G37 G3 G3G4 G4 G4 G2G3 G3G4 G4 G2G3 G3G4 G4 G2G3 G3C4 G4 G2G3 G3C4 G4 G4 G3C4 G4 G4 G3C4 G4
Diervilla rivularis Digitaria Cognata var. arenicola Digitaria floridana Digitaria gracillima Digitaria pauciflora Digitaria pauciflora Digitaria pauciflora Digitaria pauciflora Diosacea muscipula Diosacea floridana Diplachne maritima Dirac decipiens Dirac palustris Dodecatheon frenchii Draba aprica Draba standleyi Drosera tracyi Dryoptoris celsa Dyschoriste angusta Echeandia chadleri Echeandia reflexa Echeandia freflexa Echeandia ferflexa	Moderate High Yery High Yery High Yery High Yery High Yery High Moderate Moderate Moderate Moderate Moderate Moderate High Moderate High Moderate Moderate High Moderate Moderate Moderate High Moderate Moderate Moderate High Moderate	G3 G5T1T3 G1 G1 G1 G2 G2 G3G4 G3G4 G1G2 G4 G37 G3 G3G4 G4 G4 G4 G4 G2G3 G3G4 G4 G2G3 G2G3
Diervilla rivularis Digitaria cognata var. arenicola Digitaria fordina Digitaria fordina Digitaria gracillima Digitaria pauciflora Digitaria simpsonii Dionaea muscipula Dioscorea fioridana Diplachne maritima Dirca decipiens Dirca decipiens Dirca palustris Dodecatheon frenchii Draba aprica Draba stradleyi Drosera tracyi Dryopteris celsa Dyschoriste angusta Echeandia reflexa Echeandia reflexa Echeandia reflexa Echeandia resensis Echiancea attorubens	Moderate High Very High Very High Very High Very High Very High Moderate Moderate Moderate Moderate Moderate Moderate High Moderate High Moderate High Moderate Moderate High Moderate Moderate High Moderate High High Moderate High High Moderate High Moderate High Moderate High Moderate Ligh Moderate	G3 G5T1T3 G1 G1 G1 G2 G2 G3G4 G3G4 G1G2 G4 G37 G3 G2G3 G2G3 G3G4 G4 G2G3 G2G3 G2G4 G1G2 G4 G2G3 G2G3 G2G4 G1 G3
Diervilla rivularis Digitaria cognata var. arenicola Digitaria fordiana Digitaria gracillma Digitaria pauciflora Digitaria simpsonii Dionaea muscipula Dioscorea foridana Diplachne maritima Diplachne maritima Dirca decipiens Dirca palustris Dodecatheon frenchii Draba aprica Draba standleyi Drosera tracyi Drosera tracyi Drosera tracyi Drosera tracyi Echeandia celeka Echeandia celeka Echeandia telenais Echeandia tevensis Echinacea laevigata	Moderate High Very High Very High Very High Very High Very High Moderate Moderate Moderate Moderate Moderate Moderate High Moderate High Moderate High Moderate High High Moderate High Moderate High Moderate High Moderate	G3 G551173 G1 G1 G1 G2 G2 G3G4 G3G4 G1G2 G4 G37 G3 G3G4 G3G4 G3G4 G3G4 G3G4 G3G4
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Diervilla rivularis Digitaria cognata var. arenicola Digitaria floridana Digitaria pauciflora Digitaria pauciflora Digitaria pauciflora Digitaria pauciflora Digitaria simpsonii Dionae muscipula Dioscorea floridana Diplache maritima Dirca decipiens Dirca palustris Dodecatheon frenchii Draba aprica Draba standleyi Droscrea tracyi Dryopteris celsa Dryopteris celsa Dryopteris celsa Dryopteris celsa Dryopteris celsa Dryopteris celsa Deschandia tevensis Echeandia chandleri Echeandia tevensis Echinacea atrorubens Echinacea atrorubens Echinacea atrorubens Echinacea caroloxa var. neglecta Echinacea cenadoxa var. neglecta Echinacea cenadoxa var. neglecta Echinacea ternesseensis Echinacearus chioranthus var. neocapillus Echinacearus coccineus var. gurneyi Echinacearus coccineus var. gurneyi Echinacearus papillous var. angustkeps Echinacearus papillous var. angustkeps Echinacearus papillous var. papillous	Moderate High Very High Neer, High Moderate Moderate Moderate High High High High Moderate Very High Moderate Very High Moderate High Moderate Very High Moderate High Moderate High Moderate High High Moderate High Moderate Moderate Very High High Moderate Very High High Moderate Very High High Moderate Very High	G3 G5T1T3 G1 G1 G1 G1 G1 G2 G2 G3G4 G1G2 G4 G37 G3 G3G4 G4 G2G3 G3G4 G4 G4 G2G3 G3G4 G4 G4 G2G3 G3G4 G4 G1 G2G3 G2G3 G2G3 G2G3 G2G3 G2G4 G1 G371 G373 G2 G2T1 G4T3T4 G4T1 G4T2T3 G5T3T4 G5T3 G2Q G1 G3T1 G3T1 G3T17 G3T17 G3T17
Diervilla rivularis Digitaria Gognata var. arenicola Digitaria Gognata var. arenicola Digitaria Gognata var. arenicola Digitaria gracillima Digitaria pauciflora Digitaria simpsonii Dionaea muscipula Dioscorea fioridana Diplachne maritima Dirica decipiens Dirica palustris Dodecatheon frenchii Draba aprica Draba stradleyi Drosera tracyi Droyeteris celsa Dyschoriste angusta Echeandia chandleri Echeandia chandleri Echeandia reflexa Echeandia reflexa Echinacea paradoxa var. neglecta Echinacea paradoxa var. neglecta Echinacea paradoxa var. paradoxa Echinacea chorentsis Echinacea chorentsis Echinacea var. var. cylindricus Echinacea chorentsis Echinacea var. var. cylindricus Echinocereus chloranthus var. cylindricus Echinocereus chloranthus var. russanthus Echinocereus coccineus var. gurneyi Echinocereus cloydii Echinocereus papillosus var. angusticeps Echinocereus pepillosus var. papidlosu Echinocereus pepillosus var. papidlosus Echinocereus pepillosus var. papigies Echinocereus petinatus var. wenigeri Echinocereus petinatus var. wenigeri Echinocereus peritantus var. wenigeri Echinocereus peritantus var. wenigeri Echinocereus peritantus var. wenigeri Echinocereus peritantus var. wenigeri Echinocereus reichenbachii var. albertii	Moderate High Very High Moderate Moderate Moderate Moderate Moderate High Moderate High High Moderate High High Moderate High High Moderate High High Moderate Very High Moderate High Moderate Very High Moderate High Moderate High Moderate High Moderate High Moderate High Moderate Very High Very H	G3 G51113 G1 G1 G1 G1 G2 G2 G364 G364 G364 G162 G4 G37 G3 G263 G364 G4 G263 G364 G4 G263 G364 G4 G263 G263 G264 G1 G3 G27 G3 G371 G3 G27 G3 G371 G373 G2 G371 G47374 G47273 G57374 G5737 G57374 G5737 G5710
Diervilla rivularis Digitaria Gognata var. arenicola Digitaria Gognata var. arenicola Digitaria Gognata var. arenicola Digitaria paucifiora Digitaria paucifiora Digitaria simpsonii Dionaea muscipula Dioscorea fioridana Diplachne maritima Diplachne maritima Dirca decipiens Dirca palustris Dodecatheon frenchii Draba aprica Draba stranleyi Drosera tracyi Drosera tracyi Drosera tracyi Dryoptoris celsa Dyschoriste angusta Echandia chandleri Echandia chandleri Echandia reflexa Echinacea atrorubens Echinacea paradoxa var. neglecta Echinacea paradoxa var. neglecta Echinacea enesseensis Echinacea enesseensis Echinacea concineus var. cylindricus Echinacea concineus var. cylindricus Echinocereus chloranthus var. cylindricus Echinocereus chloranthus var. russanthus Echinocereus choranthus var. paucispinus Echinocereus coccineus var. gurneyi Echinocereus coccineus var. gurneyi Echinocereus petrinatus var. paucispinus	Moderate High Very High Very High Very High Very High Very High Moderate Moderate Moderate Moderate Moderate High Moderate Mery High Moderate Mery High Moderate Mery High Moderate Moderat	G3 G51113 G1 G1 G1 G1 G2 G2 G3364 G3364 G162 G4 G37 G3 G3 G2 G3 G3 G4 G3 G3 G4 G2 G3 G3 G3 G4 G2 G3 G3 G3 G4 G3 G3 G4 G3 G3 G3 G4 G3 G3 G4 G3 G3 G3 G4 G3
Diervilla rivularis Digitaria Gognata var. arenicola Digitaria Gognata var. arenicola Digitaria Gognata var. arenicola Digitaria Gognata var. arenicola Digitaria pauciflora Digitaria pauciflora Digitaria simpsonii Dionaea muscipula Dioscorea fioridana Dipiache maritima Dirca decipiens Dirca palustris Dodecatheon frenchii Draba aprica Draba standleyi Drosera tracyi Drosera tracyi Dryopteris celsa Dyschoriste angusta Echeandia chandleri Echeandia chandleri Echeandia reflexa Echinacea auradoxa var. neglecta Echinacea paradoxa var. neglecta Echinacea paradoxa var. paradoxa Echinacea runesseensis Echinocereus chioranthus var. cylindricus Echinocereus chioranthus var. russanthus Echinocereus choranthus var. russanthus Echinocereus choranthus var. russanthus Echinocereus chioranthus var. negurneyi Echinocereus milleri Echinocereus papillosus var. papillosus Echinocereus reichenbachii var. alabetii Echinocereus reichenbachii var. albetrii Echinocereus reichenbachii var. balleyi	Moderate High Very High Very High Very High Very High Very High Very High Moderate Moderate Moderate Moderate High High Moderate High High Moderate High High Moderate Very High Moderate Very High High Moderate Very High High High Moderate Very High High High High Moderate Very High High High High Hoderate Very High High High High Hoderate Very High Lery High Moderate	G3 G5T1T3 G1 G1 G1 G1 G1 G2 G2 G3G4 G3G4 G1G2 G4 G37 G3 G3 G2G3 G3G4 G4 G2G3 G3G4 G4 G2G3 G2G3
Diervilla rivularis Digitaria cognata var. arenicola Digitaria floridana Digitaria pauciflora Digitaria pauciflora Digitaria pauciflora Digitaria pauciflora Digitaria simpsonii Dionaea muscipula Dioscorea floridana Diplachne maritima Dirca decipiens Dirca palustris Dirca palustris Dirca palustris Dodecatheon frenchii Draba aprica Draba standleyl Droscrea tracyi Dryoptaris celsa Dryoptaris celsa Dryoptaris celsa Dryoptaris celsa Dryoptaris celsa Echeandia chandleri Echeandia tevensis Echinacea terroubens Echinacea paradoxa var. neglecta Echinacea paradoxa var. neglecta Echinacea paradoxa var. neglecta Echinacea census chiocensis var. chisoensis Echinacea tennesseensis Echinacea tennesseensis Echinacea census chiocensis var. chisoensis Echinacea tennesseensis Echinacea tennesseensis Echinacea tennesseensis Echinacea un chioranthus var. neocapillus Echinocereus chloranthus var. neocapillus Echinocereus coccineus var. gurreyi Echinocereus coccineus var. gurreyi Echinocereus papillosus var. angustceps Echinocereus papillosus var. angustceps Echinocereus papillosus var. angustceps Echinocereus reichenbachii var. albertii Echinocereus reichenbachii var. salbertii Echinocereus reichenbachii var. fitchiii	Moderate High Very High Moderate Moderate Moderate High Moderate High Moderate High Moderate High Moderate High Moderate High High Moderate Very High Moderate Very High Moderate High High Moderate Very High Moderate Mod	G3 G551173 G1 G1 G1 G1 G1 G2 G2 G2 G3G4 G3G4 G3G4 G3G7 G3 G3 G3G4 G4 G37 G3 G3G4 G4 G37 G3G G3G4 G4 G4 G2G3 G3G4 G4 G4 G2G3 G2G3
Diervilla rivularis Digitaria gognata var. arenicola Digitaria floridana Digitaria floridana Digitaria paucifiora Digitaria paucifiora Digitaria simpsonii Dionaea muscipula Dioscorea floridana Diplachne maritima Diplachne maritima Dirca decipiens Dirca palustris Dodecatheon frenchii Draba aprica Draba stranleyi Drosera tracyi Echandia chandleri Echandia chandleri Echandia tevensis Echinacea atrorubens Echinacea paradoxa var. neglecta Echinacea paradoxa var. neglecta Echinacea encessensis Echinacea encessensis Echinacea encessensis Echinacea encessensis Echinacea encessensis Echinacea encessensis Echinacea var. var. neglecta Echinacea var. var. neglecta Echinacea var. var. var. var. var. var. var. var	Moderate High Very High Moderate Moderate Moderate Moderate Moderate High Moderate High Moderate High Moderate High High Moderate High Moderate High Moderate High Moderate High Moderate Very High Moderate M	G3 G5T1T3 G1 G1 G1 G1 G1 G2 G2 G3G4 G3G4 G1G2 G4 G3G7 G3 G3G3 G2G3 G3G4 G4 G2G3 G3G4 G2G3 G3G4 G2G3 G2G3
Diervilla rivularis Digitaria Gognata var. arenicola Digitaria Gognata var. arenicola Digitaria Gognata var. arenicola Digitaria Gognata var. arenicola Digitaria pauciflora Digitaria simpsonii Dionaea muscipula Dioscorea fioridana Diplaconea fioridana Diplaconea fioridana Diplaconea fioridana Diplaconea fioridana Diplaconea fioridana Dirca palustris Dodecatheon frenchii Draba aprica Draba standleyi Drosera tracyi Drosera tracyi Dryopteris celsa Dyschoriste angusta Echeandia chandleri Echeandia chandleri Echeandia reflexa Echeandia reflexa Echinacea atrorubens Echinacea atrorubens Echinacea laevigata Echinacea paradoxa var. neglecta Echinacea tennesseensis Echinacea tennesseensis Echinacea tennesseensis Echinacea unesseensis Echinacea unes	Moderate High Very High Very High Very High Very High Very High Very High Moderate Moderate Moderate Moderate High Moderate High Moderate High Moderate High Moderate High High Moderate Very High Very High Very High Moderate Very High High High Moderate Moderate Very High Moderate Mo	G3 G5T1T3 G1 G1 G1 G1 G1 G2 G2 G3G4 G3G4 G1G2 G4 G3G7 G3 G3G3 G3G4 G4 G2G3 G3G4 G1G2 G4 G1G2 G4 G1G2 G4 G1G2 G4 G1G2 G4 G1G3 G2G3 G2G4 G1 G3 G2G3 G2G4 G1 G3 G3T1 G3T3 G2 G2 G2T1 G4T3T4 G4T1 G5T3 G5T3 G5T0 G5T1 G5T1 G5T1 G5T1 G5T1 G5T1 G5T1 G5T1
Diervilla rivularis Digitaria gognata var. arenicola Digitaria floridana Digitaria floridana Digitaria paucifiora Digitaria paucifiora Digitaria simpsonii Dionaea muscipula Dioscorea floridana Diplachne maritima Diplachne maritima Dirca decipiens Dirca palustris Dodecatheon frenchii Draba aprica Draba stranleyi Drosera tracyi Echandia chandleri Echandia chandleri Echandia tevensis Echinacea atrorubens Echinacea paradoxa var. neglecta Echinacea paradoxa var. neglecta Echinacea encessensis Echinacea encessensis Echinacea encessensis Echinacea encessensis Echinacea encessensis Echinacea encessensis Echinacea var. var. neglecta Echinacea var. var. neglecta Echinacea var. var. var. var. var. var. var. var	Moderate High Very High Very High Very High Very High Very High Very High Moderate Moderate Moderate Moderate High Moderate Mery High Moderate Moderate Lery High Moderate Modera	G3 G5T1T3 G1 G1 G1 G1 G1 G2 G2 G3G4 G3G4 G1G2 G4 G3G7 G3 G3G3 G2G3 G3G4 G4 G2G3 G3G4 G2G3 G3G4 G2G3 G2G3

Echinodorus parvulus	Moderate	G3Q
Echinomastus intertextus var. dasyacanthus	High	G4T3
Echinomastus intertextus var. intertextus	Moderate	G4T3T4
Echinomastus mariposensis	High	G3
Eleocharis austrotexana	Moderate	G3
Eleocharis bifida	Moderate	G3G4
Eleocharis brachycarpa	Very High	GH
Eleocharis cylindrica	Very High	G1
Eleocharis equisetoides	Moderate	G4
Eleocharis melanocarpa	Moderate	G4
Eleocharis wolfii	Moderate	G3G5
Elliottia racemosa	Very High	G2?
Elymus churchii	Moderate	G3
Elymus diversiglumis	Moderate	G3G4Q
Elymus svensonii	High	G3
Elymus texensis	Very High	G1G2
Elytraria caroliniensis var. angustifolia	Very High	G4T2
Emorya suaveolens	High	G3
Encelia scaposa	High	G3
Ephedra antisyphilitica	Moderate	G3G4
Ephedra coryi	Moderate	G3
Ephedra torreyana var. powelliorum	Very High	G5?T2
Epidendrum floridense	Very High	G2
Epithelantha micromeris var. bokei	Moderate	G4T3
Eragrostis pectinacea var. tracyi	Very High	G5T1
Eragrostis swallenii	Moderate	G3 G5T2T3
Ericameria nauseosa var. texensis	High	
Erigeron strigosus var. calcicola	Moderate	G5T3
Erigeron strigosus var. dolomiticola Eriocaulon koernickianum	Very High Very High	G5T2? G2
Eriocaulon koernickianum Eriocaulon nigrobracteatum	Very High	G2 G1
Eriocaulon nigrobracteatum Eriocaulon parkeri	Very High	G1 G3
Eriocaulon parkeri Eriocaulon ravenelii	Moderate	G3G4
Eriocaulon ravenelli Eriocaulon texense	Moderate	G4
Eriochloa michauxii var. michauxii	Moderate	G3G4T3T4
Eriochloa michauxii var. simpsonii	Very High	G3G4TH
Eriogonum correllii	High	G2G3
Eriogonum greggii	Very High	G2
Eriogonum hemipterum var. hemipterum	Very High	G3T2
Eriogonum longifolium var. gnaphalifolium	Moderate	G4T3
Eriogonum longifolium var. harperi	Very High	G4T2
Eriogonum nealleyi	Very High	G2
Eriogonum suffruticosum	Very High Moderate	G2 G5T3
Eriogonum tenellum var. ramosissimum Ernodea littoralis var. angusta	Very High	G4T2Q
Ernogea intoralis var. angusta Eryngium aquaticum var. ravenelii	High	G412Q G4T2T3
Eryngium aquaticum var. raveneiii	riigii	041215
Envarium proposum	Ligh	6262
Eryngium arenosum	High	G2G3
Eryngium cuneifolium	Very High	G1
Eryngium cuneifolium Erythranthe chinatiensis	Very High Very High	G1 G1
Eryngium cuneifolium Erythranthe chinatiensis Erythronium umbilicatum ssp. monostolum	Very High Very High Moderate	G1 G1 G5T3
Eryngium cuneifolium Erythranthe chinatiensis Erythronium umbilicatum ssp. monostolum Escobaria albicolumnaria	Very High Very High Moderate High	G1 G1 G5T3 G2G3
Eryngium cuneifolium Erythranthe chinatiensis Erythronium umbilicatum ssp. monostolum Escobaria alticolumnaria Escobaria dasyacantha var. chaffeyi	Very High Very High Moderate High Very High	G1 G1 G5T3 G2G3 G3T1
Eryngium cuneifolium Erythranthe chinatiensis Erythronium umbilicatum ssp. monostolum Escobaria albicolumnaria Escobaria dasyacantha var. chaffeyi Escobaria dasyacantha var. dasyacantha	Very High Moderate High Very High Moderate	G1 G5T3 G2G3 G3T1 G3T3
Eryngium cuneifolium Erythranthe chinatiensis Erythronium umbilicatum ssp. monostolum Escobaria alsicolumnaria Escobaria dasyacantha var. chaffeyi Escobaria dasyacantha var. dasyacantha Escobaria dasyacantha var. dasyacantha	Very High Moderate High Sery High Moderate High	G1 G1 G5T3 G2G3 G3T1 G3T3 G3T2T3
Eryngium cuneifolium Erythranthe chinatiensis Erythronium umbilicatum ssp. monostolum Escobaria albicolumnaria Escobaria dasyacantha var. chaffeyi Escobaria dasyacantha var. dasyacantha Escobaria dasyacantha var. duncanii	Very High Moderate High Moderate High Moderate High Moderate High Moderate High	G1 G1 G573 G2G3 G371 G373 G37273 G1
Eryngium cuneifolium Erythranthe chinatiensis Erythronium umbilicatum ssp. monostolum Escobaria alticolumnaria Escobaria dasyacantha var. chaffeyi Escobaria dasyacantha var. dasyacantha Escobaria dasyacantha var. dasyacantha Escobaria dasyacantha var. duncanii Escobaria pudalupensis	Very High Moderate High Sery High Moderate High	G1 G1 G5T3 G2G3 G3T1 G3T2 G3T2T3 G1
Eryngium cuneifolium Erythranthe chinatiensis Erythronium umbilicatum ssp. monostolium Escobaria blicolumnaria Escobaria dasyacantha var. chaffeyi Escobaria dasyacantha var. dasyacantha Escobaria dasyacantha var. duncanii Escobaria guadalupensis Escobaria minima	Vory High Moderate High Very High Moderate High Very High Moderate High Very High Very High Very High	G1 G1 G513 G2G3 G3T1 G3173 G317273 G1 G2 G1
Eryngium cuneifolium Erythranthe chinatiensis Erythronium umbilicatum ssp. monostolum Escobaria albicolumnaria Escobaria dasyacantha var. chaffeyi Escobaria dasyacantha var. dasyacantha Escobaria dasyacantha var. duncanii Escobaria guadalupensis Escobaria herita guadalupensis Escobaria minima Escobaria minima	Very High Moderate High Nery High Moderate High Very High Moderate High Very High Very High Nory High Nory High Nory High Nory High Moderate	G1 G1 G5T3 G2G3 G3T1 G3T3 G3T2T3 G1 G2 G2 G1 G5T3
Eryngium cuneifolium Erythranthe chinatiensis Erythronium umbilicatum ssp. monostolium Escobaria blicolumnaria Escobaria dasyacantha var. chaffeyi Escobaria dasyacantha var. dasyacantha Escobaria dasyacantha var. duncanii Escobaria guadalupensis Escobaria minima	Vory High Moderate High Very High Moderate High Very High Moderate High Very High Very High Very High	G1 G1 G513 G2G3 G3T1 G3173 G317273 G1 G2 G1
Eryngium cuneifolium Erythranthe chinatiensis Erythronium umbilicatum ssp. monostolum Escobaria alticolumnaria Escobaria dasyacantha var. chaffeyi Escobaria dasyacantha var. dasyacantha Escobaria dasyacantha var. dasyacantha Escobaria dasyacantha var. duncanii Escobaria melima Escobaria in minima Escobaria miscouriensis var. robustior Escobaria in secodii var. sneedii Escobaria in secodii var. sneedii	Very High Very High Moderate High Very High Moderate High Very High Very High Very High Very High Very High Moderate Very High Moderate Moderate Moderate	G1 G1 G5T3 G2G3 G3T1 G3T3 G3T2T3 G1 G2 G1 G5T3 G2G3QT2Q
Eryngium cuneifolium Erythranthe chinatiensis Erythronium umbilicatum ssp. monostolum Escobaria blicolumnaria Escobaria dasyacantha var. chaffeyi Escobaria dasyacantha var. dasyacantha Escobaria dasyacantha var. duncanii Escobaria dasyacantha var. duncanii Escobaria petatri Escobaria minima Escobaria minima Escobaria miscouriensis var. robustior Escobaria sneedii var. sneedii Escobaria tuberculosa var. varicolor Euonymus atropurpureus var. cheatumii	Vory High Vers High Moderate High Very High Moderate High Very High Very High Very High Very High Moderate Very High Moderate Very High Moderate Very High Moderate Very High	G1 G1 G5T3 G2G3 G3T1 G3T3 G3T2T3 G1 G2 G1 G2 G1 G5T3 G2G3GT2Q G4T3?
Eryngium cuneifolium Erythranthe chinatiensis Erythronium umbilicatum ssp. monostolium Escobaria alsicolumnaria Escobaria dasyacantha var. chaffeyi Escobaria dasyacantha var. dasyacantha Escobaria dasyacantha var. dasyacantha Escobaria dasyacantha var. duncanii Escobaria guadalupensis Escobaria hesteri Escobaria minima Escobaria minima Escobaria miscouriensis var. robustior Escobaria tuberculosa var. var. color Euonymus at ropurpureus var. cheatumii Eupatorium anomalum	Very High Moderate High Nery High Moderate High Nery High Moderate High Very High Nery High Very High Very High Moderate Very High Moderate Very High High High High	G1 G1 G1 G5T3 G2G3 G3T1 G3T3 G3T2T3 G1 G2 G2 G1 G5T3 G2G3QT2Q G4T3? G5THQ G2G3
Eryngium cuneifolium Erythranthe chinatiensis Erythronium umbilicatum ssp. monostolum Escobaria blicolumnaria Escobaria dasyacantha var. chaffeyi Escobaria dasyacantha var. dasyacantha Escobaria dasyacantha var. duncanii Escobaria dasyacantha var. duncanii Escobaria petatri Escobaria minima Escobaria minima Escobaria miscouriensis var. robustior Escobaria sneedii var. sneedii Escobaria tuberculosa var. varicolor Euonymus atropurpureus var. cheatumii	Vory High Vers High Moderate High Very High Moderate High Very High Very High Very High Very High Moderate Very High Moderate Very High Moderate Very High Moderate Very High	G1 G1 G5T3 G2G3 G3T1 G3T3 G3T2T3 G1 G2 G1 G5T3 G2 G4 G5T3 G5T3 G5T3 G5T3 G5T3 G5T3 G5T3 G5T3
Eryngium cuneifolium Erythranthe chinatiensis Erythranthe chinatiensis Erythronium umbilicatum ssp. monostolum Escobaria albicolumnaria Escobaria dasyacantha var. chaffeyi Escobaria dasyacantha var. dasyacantha Escobaria dasyacantha var. duncanii Escobaria guadalupensis Escobaria hesteri Escobaria misma Escobaria misma Escobaria erythionium sar. robustior Escobaria sneedii var. sneedii Escobaria sneedii var. sneedii Escobaria stuberculos avr. varicolor Euonymus atropurpureus var. cheatumii Eupatorium anomalum Eupatorium anomalum Eupatorium bigelovii	Very High Moderate High Mory High Moderate High Very High Moderate High Very High Very High Very High Moderate Very High Moderate Very High Moderate Very High Moderate Very High High High Very High	G1 G1 G5T3 G2G3 G3T1 G3T3 G3T2T3 G1 G2 G1 G5T3 G2G3QT2Q G4T37 G5THQ G2G3 G5THQ G2G3 G5THQ
Eryngium cuneifolium Erythranthe chinatiensis Erythronium umbilicatum ssp. monostolum Escobaria alticolumnaria Escobaria dasyacantha var. chaffeyi Escobaria dasyacantha var. dasyacantha Escobaria dasyacantha var. dasyacantha Escobaria dasyacantha var. duncanii Escobaria guadalupensis Escobaria in minma Escobaria minima Escobaria miscouriensis var. robustior Escobaria sneedii var. sneedii Escobaria tuberculosa var. varicolor Euonymus atropurpureus var. cheatumii Eupatorium anomalum Eupatorium bigelovii Eupatorium bigelovii Eupatorium frustratum	Very High Very High Moderate High Very High Moderate High Very High Very High Very High Very High Very High Moderate Very High High Very High High Very High Very High	61 61 6263 6371 6373 637273 61 62 61 62 62 6373 62630720 64737 657HQ 6263 627 61
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Eryngium cuneifolium Erythranthe chinatiensis Erythronium umbilicatum ssp. monostolum Escobaria dasyacantha var. chaffeyi Escobaria dasyacantha var. dasyacantha Escobaria dasyacantha var. dasyacantha Escobaria dasyacantha var. dasyacantha Escobaria dasyacantha var. duncanii Escobaria miscularensis Escobaria mescularensis var. robustior Escobaria missouriensis var. robustior Escobaria missouriensis var. robustior Escobaria medii var. sneedii Escobaria modeli var. sneedii Escobaria tuberculosa var. varicolor Euonymus atropurpureus var. cheatumii Eupatorium bigelovii Eupatorium bigelovii Eupatorium misciloilum Eupatorium misciloilum Eupatorium misciloilum Eupatorium misciloilum Eupatorium misciloilum Eupatorium selinosum Eupatorium selinosum Euphorbia jacorjaina Euphorbia jacorjaina Euphorbia longicruris Euphorbia longicruris Euphorbia peplidion Euphorbia pinetorum Euphorbia pinetorum Euphorbia pinetorum Euphorbia pinetorum Euphorbia strictior Euphorbia strictior Euphorbia trichotoma Eurybia roseccans Eurybia chapmanii Eurybia furcata	Very High Very High Moderate High Very High Moderate High Very High Very High Very High Moderate Noderate Noderate Moderate Noderate Moderate Noderate Moderate Noderate Noderate Noderate Moderate Noderate Noderate Noderate Noderate Noderate Nery High Moderate High Moderate High	G1 G1 G1 G1 G5T3 G2G3 G3T1 G3T3 G3T2T3 G1 G1 G2 G1 G2 G1 G5T3 G2G3G72Q G4T37 G5THQ G2G3 G2? G1 G3? G2? G1 G3? G2? G3 G3 G3 G3 G1 G3 G3 G3 G3 G3 G3 G3 G3 G4 G3 G3 G3 G4 G3 G3 G3 G4 G3 G4 G3 G4 G3 G4
Eryngium cuneifolium Erythranthe chinatiensis Erythronium umbilicatum ssp. monostolum Escobaria dasyacantha var. chaffeyi Escobaria dasyacantha var. dasyacantha Escobaria dasyacantha var. dasyacantha Escobaria dasyacantha var. duncanii Escobaria dasyacantha var. duncanii Escobaria minima Escobaria minima Escobaria minima Escobaria minima Escobaria minima Escobaria minima Escobaria sneedii var. robustior Escobaria nescori var. robustior Escobaria nescori var. varicolor Euonymus atropurpureus var. cheatumii Eupatorium anomalum Eupatorium anomalum Eupatorium minima Eupatorium minima Eupatorium minima Eupatorium minima Eupatorium minimicides Eupatorium minimicides Eupatorium recurvans Eupatorium recurvans Euphorbia inocus Euphorbia inocus Euphorbia inocus Euphorbia inocus Euphorbia inocus Euphorbia pipidion Euphorbia pipidion Euphorbia strictior Euphorbia strictior Euphorbia strictior Euphorbia strictior Euphorbia ichapmanii Eurybia inceata Eurybia chapmanii Eurybia jonesiae	Vory High Very High Moderate High Very High Moderate High Very High Very High Very High Very High Moderate High Moderate	G1 G1 G1 G5T3 G2G3 G3T1 G3T3 G3T2T3 G1 G2 G1 G2 G1 G5T3 G2G3QT2Q G4T37 G5THQ G2G3 G2? G1 G3? G2? G3 G3 G3 G4 G3 G3 G1 G3 G3 G1 G3 G3 G3 G4 G3 G3 G3 G3 G3 G4 G3 G3 G3 G4 G3 G4 G3 G5 G4 G5 G5 G5 G5 G6 G6 G7 G7 G8 G8 G8 G8 G9
Eryngium cuneifolium Erythranthe chinatiensis Erythronium umbilicatum ssp. monostolum Escobaria dasyacantha var. chaffeyi Escobaria dasyacantha var. dasyacantha Escobaria dasyacantha var. dasyacantha Escobaria dasyacantha var. ducanii Escobaria dasyacantha var. ducanii Escobaria dasyacantha var. ducanii Escobaria masouriensis var. robustior Escobaria misouriensis var. robustior Escobaria mescuriensis var. robustior Escobaria un periodi var. sneedii Escobaria un periodi var. sneedii Eupatorium andmalum Eupatorium andmalum Eupatorium andmalum Eupatorium maritimum Eupatorium maritimum Eupatorium melinoides Eupatorium recurvans Eupatorium recurvans Euphorbia georgiana Euphorbia longicuris Euphorbia longicuris Euphorbia ouachitana Euphorbia pietorum Euphorbia pietorum Euphorbia pirurera Euphorbia iriccitor Euphorbia iriccitor Euphorbia telephioides Euphorbia trichotoma Eurybia arvasta Eurybia arvasta Eurybia irocata	Vory High Vers High Moderate High Very High Moderate High Very High Very High Very High Very High Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Very High Moderate High Moderate High Moderate Moderate High Moderate Moderate	G1 G1 G1 G5T3 G2G3 G3T1 G3T3 G1 G2 G1 G2 G1 G5T3 G2 G1 G5T3 G2 G2 G1 G5T3 G2 G3
Eryngium cuneifolium Erythranthe chinatiensis Erythronium umbilicatum ssp. monostolum Escobaria dasyacantha var. chaffeyi Escobaria dasyacantha var. dasyacantha Escobaria dasyacantha var. dasyacantha Escobaria dasyacantha var. dasyacantha Escobaria miscouriansis var. robustior Escobaria missouriensis var. robustior Escobaria missouriensis var. robustior Escobaria miscouriensis var. robustior Escobaria miscouriensi var. robustior Escobaria miscouriensi var. robustior Escobaria miscouriensi var. robustior Escobaria miscouriensi var. varicolor Eupatorium anomalium Eupatorium miscouriensi var. varicolor Eupatorium miscorium Eupatorium miscorium Eupatorium miscorium Eupatorium miscorium Eupatorium resinosum Euphorbia inocua Euphorbia inocua Euphorbia inocua Euphorbia inocua Euphorbia pinetorum Euphorbia pinetorum Euphorbia pinetorum Euphorbia pinetorum Euphorbia pinetorum Euphorbia pinetorum Euphorbia strictior Euphorbia trictior Euphorbia furcata Eurybia marabilis Eurybia saxicastellii	Very High Very High Moderate High Very High Moderate High Very High Moderate High Very High Moderate High Moderate	61 61 6263 6371 6373 637273 61 62 61 62 61 62 63 637 62 63 63 63 63 63 63 63 63 63 63 63 63 63
Eryngium cuneifolium Erythranthe chinatiensis Erythronium umbilicatum ssp. monostolum Escobaria dasyacantha var. chaffeyi Escobaria dasyacantha var. dasyacantha Escobaria dasyacantha var. dasyacantha Escobaria dasyacantha var. duncanii Escobaria dasyacantha var. duncanii Escobaria miscularum ssp. descobaria minima Escobaria miscularum secobaria minima Escobaria miscularum secobaria minima Escobaria miscularum secobaria un secobaria medii var. sneedii Escobaria nu secobaria un secob	Very High Very High Moderate High Very High Moderate High Very High Moderate High Very High Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Very High Moderate High Moderate High Moderate Very High	61 61 62 6371 6373 637273 61 62 61 62 61 6573 6263672Q 64137 65714Q 6263 622 61 637 622 6364Q 63 63 63 63 63 63 63 63 62 63 63 63 63 63 63 63 63 63 63 63 63 63
Eryngium cuneifolium Erythranthe chinatiensis Erythronium umbilicatum ssp. monostolum Escobaria dasyacantha var. chaffeyi Escobaria dasyacantha var. dasyacantha Escobaria dasyacantha var. dasyacantha Escobaria dasyacantha var. duncanii Escobaria guadalupensis Escobaria minima Escobaria minima Escobaria miscuriensis var. robustior Escobaria miscuriensis var. robustior Escobaria tuberculosa var. varicolor Euonymus atropurpureus var. cheatumii Eupatorium anomalum Eupatorium anomalum Eupatorium aneifolium Eupatorium milanioides Eupatorium milanioides Eupatorium paludicola Eupatorium recurvans Eupatorium recurvans Euphorbia jongicuris Euphorbia longicuris Euphorbia longicuris Euphorbia jongicuris Euphorbia piretorum Euphorbia piretorum Euphorbia piretorum Euphorbia innocus Euphorbia jongicuris Euphorbia innocus Euphorbia jongicuris Euphorbia jongicuris Euphorbia innocus Euphorbia jongicuris Euphorbia jongicuris Euphorbia jongicuris Euphorbia innocus E	Vory High Very High Moderate High Very High Moderate High Very High Very High Very High Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate High Moderate	G1 G1 G1 G1 G5T3 G2G3 G3T1 G3T3 G3T2T3 G1 G2 G1 G2 G1 G5T3 G5T3 G52G3QT2Q G4T3? G5THQ G2G3 G2? G1 G3? G2? G3? G2? G3? G2? G3? G2? G3? G2 G3. G3. G3. G3. G4. G3. G3. G3. G4. G3. G3. G3. G3. G3. G4. G3. G3. G4. G3. G3. G4. G5. G5. G5. G5. G6. G6. G6. G7. G7. G8. G8. G8. G9. G9. G9. G9. G9. G9. G9. G9. G9. G9
Eryngium cuneifolium Erythranthe chinatiensis Erythronium umbilicatum ssp. monostolum Escobaria dasyacantha var. chaffeyi Escobaria dasyacantha var. dasfeyi Escobaria dasyacantha var. dasfeyi Escobaria dasyacantha var. duncanii Escobaria dasyacantha var. duncanii Escobaria minima Escobaria minima Escobaria minima Escobaria minima Escobaria minima Escobaria medii var. sneedii Escobaria sneedii var. sneedii Escobaria tuberculosa var. varicolor Euonymus atropurpureus var. cheatumii Eupatorium anomalum Eupatorium anomalum Eupatorium minimum Eupatorium maritimum Eupatorium minimioides Eupatorium maritimum Eupatorium resinosum Euphorbia innocus Euphorbia innocus Euphorbia innocus Euphorbia innocus Euphorbia innocus Euphorbia peplidion Euphorbia pinetorum Euphorbia pinetorum Euphorbia pinetorum Euphorbia pinetorum Euphorbia pinetorum Euphorbia intributorum Eurybia anyia Eurybia anyia Eurybia anyia Eurybia inneciae Eurybia mirabilis Eurybia inneciae Eurybia mirabilis Eurybia spinulosa Eurybiaeniae hinkeleyi	Vory High Very High Moderate High Very High Moderate High Very High Very High Very High Very High Moderate High Moderate High Moderate Moderate Moderate Moderate Moderate Moderate High Moderate Moderate	G1 G1 G1 G5T3 G2G3 G3T1 G3T3 G3T2T3 G1 G2 G1 G2 G1 G5T3 G2 G3 G4T37 G5THQ G2G3 G27 G1 G1 G37 G27 G37 G27 G37 G27 G37 G3 G

Eysenhardtia spinosa	Very High	G2
Fendlera rigida	High	G3
Festuca ligulata Festuca versuta	Very High Moderate	G1 G3
Fimbristylis brevivaginata	Very High	G2
Fimbristylis perpusilla	Very High	G2
Flaveria floridana	Moderate	G3
Flyriella parryi	Moderate	G3
Forestiera godfreyi Forestiera segregata var. pinetorum	Very High Very High	G2 G4T2
Fothergilla gardenii	Moderate	G3G4
Fothergilla major	Moderate	G3
Fothergilla milleri	Very High	G2
Fothergilla parvifolia	Very High	G2
Frankenia johnstonii Franklinia alatamaha	Moderate Very High	G3 GXC
Fraxinus papillosa	High	G2G3Q
Fryxellia pygmaea	Very High	G1
Fuirena longa	Moderate	G3G4
Gaillardia aestivalis var. winkleri	Very High	G5T2
Gaillardia multiceps var. microcephala Galactia floridana	Very High Moderate	G37T1 G3G4
Galactia rioridana Galactia pinetorum	Very High	G2Q
Galactia smallii	Very High	G1Q
Galactia watsoniana	Very High	G1
Galeandra bicarinata	Very High	G1
Galium arkansanum var. pubiflorum	Very High	G5T2
Galium correllii Galium fendleri	Very High Moderate	G2 G3G4
Galium obtusum ssp. australe	High	G5T1T3
Galium wrightii	Moderate	G3G4
Gaura boquillensis	High	G3
Gaura macrocarpa	Moderate	G3? G3G4
Gaura triangulata Gaura villosa ssp. parksii	Moderate Moderate	G5T3
Gaylussacia brachycera	Moderate	G3
Gaylussacia orocola	Very High	G1
Genistidium dumosum	Very High	G1
Gentiana alba	Moderate	G4 G3
Gentiana austromontana Gentiana autumnalis	Moderate Moderate	G3
Gentiana pennelliana	Moderate	G3
Gentiana saponaria var. latidens	Very High	G5T1T2
Geocarpon minimum	Very High	G2
Geranium lentum	Moderate	G3G4
Geranium wislizeni	Moderate	G3G4
	Moderate Very High	
Geranium wislizeni Geum geniculatum	Moderate	G3G4 G2
Geranium wisilzeni Geum geniculatum Geum radiatum Gilia insignis Gilia ludens	Moderate Very High Very High High Moderate	G3G4 G2 G2 G3 G3
Geranium welizeni Geum geniculatum Geum radiatum Gilia insignis Gilia ludens Glandularia maritima	Moderate Very High Very High High Moderate Moderate	G3G4 G2 G2 G3 G3 G3
Geranium wislizeni Geum geniculatum Geum daiatum Gillia insignis Gillia Iudens Glandularia maritima Glandularia tampensis	Moderate Very High Very High High Moderate Moderate Very High	G3G4 G2 G2 G3 G3 G3 G3 G2
Geranium welizeni Geum geniculatum Geum radiatum Gilia insignis Gilia ludens Glandularia maritima	Moderate Very High Very High High Moderate Moderate	G3G4 G2 G2 G3 G3 G3
Geranium wislizeni Geum geniculatum Geum adiatum Gilla insignis Gillia ludens Glandularia maritima Glandularia tampensis Glossopetalon tevense	Moderate Very High Very High High Moderate Moderate Very High Very High	G3G4 G2 G2 G3 G3 G3 G3 G2 G1
Geranium wisiizeni Geum geniculatum Geum daiatum Gillia insignis Gillia insignis Gillia ludens Glandularia marritima Glandularia tampenis Gloscopetalon texense Glyceria nubigena Govenia floridana Gratiola graniticola	Moderate Very High Very High High Moderate Moderate Very High Very High High Nery High Moderate	G3G4 G2 G2 G3 G3 G3 G3 G2 G1 G2CG3 GX
Geranium wislizeni Geum geniculatum Geum daitum Gilla insignis Gillia ludens Glandularia maritima Glandularia tampensis Glossopetalon tevense Glyceria nubigena Govenia floridana Grattola granticola Grattola quartermaniae	Moderate Very High Very High High Moderate Moderate Very High High High Moderate Very High High Moderate Moderate Moderate Moderate Moderate Moderate Moderate	G3G4 G2 G3 G3 G3 G3 G4 G2 G1 G2G3 GX GX G3 GX G3 G3
Geranium wislizeni Geum geniculatum Geum radiatum Gilla inzignis Gilla ludens Gilandularia maritima Gilandularia tampensis Giosopetalon texense Glyceria nubigena Govenia floridana Gratiola graniticola Gratiola quartermaniae Greenwoodiella deserticola	Moderate Very High Very High High Moderate Moderate Very High High Very High High Moderate Moderate Wery High Moderate Moderate Moderate Moderate Moderate Very High	G3G4 G2 G2 G3 G3 G3 G3 G4 G2 G1 G2G3 GX GX G3 G3 GX G3 G3 G3 GX
Geranium wislizeni Geum geniculatum Geum daitum Gilla insignis Gillia ludens Glandularia maritima Glandularia tampensis Glossopetalon tevense Glyceria nubigena Govenia floridana Grattola granticola Grattola quartermaniae	Moderate Very High Very High High Moderate Moderate Very High High High Moderate Very High High Moderate Moderate Moderate Moderate Moderate Moderate Moderate	G3G4 G2 G3 G3 G3 G3 G4 G2 G1 G2G3 GX GX G3 GX G3 G3
Geranium wislizeni Geum geniculatum Geum radiatum Gillia insignis Gillia indens Gilandularia maritima Glandularia tampensis Glossopetalion tevense Glyceria nubigena Govenia floridana Gratola graniticola Gratola quartermaniae Graenwoodiella desertiola Grindelia oolepis	Moderate Very High Very High High Moderate Moderate Very High Very High Very High Moderate Very High Very High Very High Moderate Very High Moderate Very High Very High	G3G4 G2 G2 G3 G3 G3 G3 G2 G1 G2G3 GX G3 GX G3 GX G3 GX G3 G3 GX G3 G3 G3 G3 G4 G5 G5 G5 G7
Geranium wislizeni Geum geniculatum Geum radiatum Gillia inzignis Gillia ludens Gillandularia maritima Gilandularia tampensis Gloscopetalon texense Glyceria nubigena Govenia floridana Gratiola graniticola Gratiola graniticola Gratiola quartermaniae Greenwoodielia deserticola Grindelia oolepis Guulacum sanctum Gymnocarpium appalachianum Gymnopogon chapmanianus	Moderate Very High Very High High Moderate Moderate Very High Moderate Moderate Very High Moderate Moderate Moderate Moderate Moderate Moderate Moderate	G3G4 G2 G2 G3 G3 G3 G2 G1 G2G3 GX G3 G3 G2 G1 G2G3 G3 G3 G3 G3 G1 G2 G2G3 G3 G3 G3 G3 G3 G3 G3 G3
Geranium wislizeni Geum geniculatum Geum radiatum Gillia insignis Gillia ludens Gilandularia maritima Gilandularia tampensis Gilossopetalon texense Gilyceria nubigena Govenia floridana Gratola granticola Gratola quartermaniae Graenwoodiella deserticola Grindelia oolepis Gualacum sanctum Gymnocarpium appalachianum Gymnocarpium appalachianum Gymnocarpium appalachianum Gymnocarpium appalachianum Hackelia besseyi	Moderate Very High Very High High Moderate Moderate Moderate Very High Very High Very High Very High Noderate Very High Moderate Moderate Very High Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate	G3G4 G2 G2 G3 G3 G3 G3 G2 G1 G2G3 GX G3 G2 G3 G3 G3 G3 G3 G3 G3 G3 G3 G1 G2 G2 G2 G3 G3 G3 G1 G2 G2 G3 G3 G3 G3 G3 G3 G3 G3 G1 G2 G3
Geranium wislizeni Geum geniculatum Geum radiatum Gillia insignis Gillia indens Glandularia maritima Glandularia tampenisi Glossopetalon texense Glyceria nubigena Govenia floridana Gratola grantitola Gratola grantitola Gratola quartermaniae Greenwoodiell deserticols Grindelia oolepis Gualacum sanctum Gymnocarpium appalachianum Gymnocarpium appalachianum Gymnocapon chapmanianus Hackelia besseyi Halophila johnsonii	Moderate Very High Very High High Moderate Moderate Moderate Very High High High Very High Moderate Very High Moderate Moderate Moderate Very High Moderate	G3G4 G2 G3 G3 G3 G3 G2 G1 G2G3 GX G3
Geranium wislizeni Geum geniculatum Geum radiatum Gillia insignis Gillia ludens Gilandularia maritima Gilandularia tampensis Gilossopetalon texense Gilyceria nubigena Govenia floridana Gratola granticola Gratola quartermaniae Graenwoodiella deserticola Grindelia oolepis Gualacum sanctum Gymnocarpium appalachianum Gymnocarpium appalachianum Gymnocarpium appalachianum Gymnocarpium appalachianum Hackelia besseyi	Moderate Very High Very High High Moderate Moderate Moderate Very High Very High Very High Very High Noderate Very High Moderate Moderate Very High Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate	G3G4 G2 G2 G3 G3 G3 G3 G2 G1 G2G3 GX G3 G2 G3 G3 G3 G3 G3 G3 G3 G3 G3 G1 G2 G2 G2 G3 G3 G3 G1 G2 G2 G3 G3 G3 G3 G3 G3 G3 G3 G1 G2 G3
Geranium wislizeni Geum geniculatum Geum daiatum Gilia insignis Gilia insignis Gilia indens Glandularia marritima Glandularia tampensis Gloscopetalon texense Gloscopetalon texense Gloscopetalon texense Gloscopetalon texense Gratiola graniticola Gratiola quartermaniae Gratiola quartermaniae Grationa di adestricola Grindelia colepis Gualacum sanctum Gymnocarpium appalachianum Gymnocapon chapmanianus Hackelia besseyi Halcelphias johnsonii	Moderate Very High Very High High Moderate Moderate Moderate Very High High High High Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate High High High High Moderate Moderate High Moderate Moderate High Moderate Moderate High Moderate High Moderate High Moderate High Moderate High	G3G4 G2 G2 G3 G3 G3 G3 G2 G1 G2G3 GX G3 G3 G3 G3 G3 G3 G1 G2 G2 G2G3 G3 G
Gernium wislizeni Geum geniculatum Geum radiatum Gillia inzignis Gillia ludens Gillandularia maritima Gilandularia maritima Gilandularia tampensis Gioscopetalon texense Glyceria nubigena Govenia floridana Gratiola graniticola Gratiola graniticola Gratiola graniticola Gratiola graniticola Granida odelpis Guuiacum sanctum Gymnocarpium appalachianum Gymnocarpium appalachianum Gymnopogon chapmanianus Hackelia besseyi Halophila johnsonii Hamamelis oxalis Harperocallis flava	Moderate Very High High High Moderate Moderate Very High High Work High Very High Very High Very High Very High Moderate High Moderate High Moderate High Moderate High Moderate High Moderate High High Moderate High High High High High High High High	G3G4 G2 G2 G3 G3 G3 G2 G1 G2G3 GX G3 G4 G2 G2 G3
Geranium wislizeni Geum geniculatum Geum daiatum Gilla insignis Gilla insignis Gilla indens Gilandularia marritima Gilandularia marritima Gilandularia marritima Gilandularia tampensis Gilosopetalon texense Gilyceria nubigena Govenia floridana Gratiola graniticola Gratiola quartermaniae Greenwoodiella desertixola Grindelia oolepis Guaiacum sanctum Gymnocarpium appalachianum Gymnopogon chapmanianus Hackelia bessig Halophila johnsonii Hamamelis ovalis Harrisia aboriginum Harrisia fingaras Harrisia simpsonii	Moderate Very High Very High High Moderate Moderate Moderate Very High Very High High Moderate Very High Very High High Moderate	G3G4 G2 G2 G3 G3 G3 G3 G2 G1 G2G3 G3 G3 G3 G3 G3 G3 G3 G3 G1 G2 G2G3 G3 G
Gernium wislizeni Geum geniculatum Gelm radiatum Gillia inignis Gillia ludens Gilandularia maritima Gilandularia maritima Gilandularia tampensis Gilosopetalon texense Glyceria nubigena Govenia floridana Gratiola graniticola Gratiola graniticola Gratiola graniticola Gratiola graniticola Grindelia colepis Guaiacum sanetum Gymnocarpium appalachianum Gymnocarpium appalachianum Gymnocarpium appalachianum Hachelia besseyi Halophila johnsonii Hamamelis ovalis Harrisai fargrans Harrisia fargrans	Moderate Very High High High Moderate Moderate Very High Very High Very High Very High Very High Moderate High Very High High Very High	G3G4 G2 G2 G3 G3 G3 G2 G1 G2G3 G3 G3 G3 G3 G3 G3 G3 G3 G3 G1 G2 G2 G3
Geranium wislizeni Geum geniculatum Geum daiatum Gilla insignis Gilla insignis Gilla indens Gilandularia marritima Gilandularia marritima Gilandularia marritima Gilandularia tampensis Gilosopetalon texense Gilyceria nubigena Govenia floridana Gratiola graniticola Gratiola quartermaniae Greenwoodiella desertixola Grindelia oolepis Guaiacum sanctum Gymnocarpium appalachianum Gymnopogon chapmanianus Hackelia bessig Halophila johnsonii Hamamelis ovalis Harrisia aboriginum Harrisia fingaras Harrisia simpsonii	Moderate Very High Very High High Moderate Moderate Moderate Very High Very High High Moderate Very High Very High High Moderate	G3G4 G2 G2 G3 G3 G3 G3 G2 G1 G2G3 G3 G3 G3 G3 G3 G3 G3 G3 G1 G2 G2G3 G3 G
Geranium wislizeni Geum geniculatum Geum radiatum Gillia insignis Gillia ludens Gilandularia maritima Gilandularia maritima Gilandularia tampensis Giloscopetalon tevense Gilyceria nubigena Govenia floridana Gratiola graniticola Gratiola graniticola Gratiola quatermaniae Greenwoodielia deserticola Grindelia oolepis Guaiacum sanctum Gymnocappium appalachianum Gymnocappium appalachianum Hackelia besseyi Halophila johnsonii Hamamelis ovalis Harperocaliis flava Harrisia aboriginum Harrisia simpsonii Harrisia simpsonii Harrisia simpsonii Harrisia simpsonii Harrisia floridana Hastseola robertiorum	Moderate Very High Very High High Moderate Moderate Very High High Moderate Very High Very High High High Moderate Very High Moderate Noderate Noderate Noderate Noderate High High Moderate High Very High Very High Very High Very High Very High Very High Noderate High Very High	G3G4 G2 G2 G3 G3 G3 G3 G4 G1 G2 G3 G1 G2 G2 G2 G3 G3 G3 G3 G3 G1 G2 G2 G3
Gernium wislizeni Geum geniculatum Gellia inzignis Gilia ludens Gilandularia maritima Gilandularia maritima Gilandularia tampensis Gilosopetalon texense Glyceria nubigena Govenia floridana Gratiola graniticola Gratiola graniticola Gratiola graniticola Gratiola graniticola Gratiola parletremaniae Greenwoodiella deserticola Grindelia colepis Guaiacum sanetum Gymnocarpium appalachianum Gymnocarpium appalachianum Gymnocarpium appalachianum Hackelia besseyi Halophila johnsonii Hamamelis ovalis Harrescallis flava Harrisia fragrans Harrisia fragrans Harrisia fragrans Harrisia fragrans Harrisia fragrans Harrisia ringsonii Hartwrightia floridana Hadedoma cotata var costata Hedeoma costata var costata	Moderate Very High High High Moderate Moderate Very High High Moderate Very High Very High Very High High Very High High Moderate Moderate Moderate Moderate Moderate Moderate Moderate High Very High High Very High Moderate Moderate Moderate Moderate Moderate Moderate	G3G4 G2 G2 G3 G3 G3 G3 G2 G1 G2G3 G3 G3 G3 G3 G3 G1 G2 G3 G3 G3 G1 G2 G2 G3
Geranium wislizeni Geum geniculatum Geum radiatum Gillia insignis Gillia ludens Gilandularia maritima Gilandularia maritima Gilandularia tampensis Gilossopetalon texense Gilyceria nubigena Govenia floridana Gratiola graniticola Gratiola graniticola Gratiola graniticola Gratiola graniticola Grindelia oolepis Guaiacum sanctum Gymnocappion appalachianum Gymnocappion appalachianum Hackelia besseyi Halophila johnsonii Haramamelis ovalis Haraperocaliis flava Harrisia aboriginum Harrisia simpsonii Harrisia simpsonii Hartvirighta floridana Hasteola robertiorum Hedeoma apiculata Hedeoma apiculata Hedeoma mollis Hedeoma mollis	Moderate Very High Very High High Moderate Moderate Very High High Moderate Very High High High Moderate Very High High Moderate Moderate Very High Moderate Noderate Noderate High High Moderate High Noderate High Very High High Noderate High Very High High Noderate High Very High High Moderate High Very High High Moderate High Moderate	G3G4 G2 G2 G3 G3 G3 G3 G4 G1 G2 G3 G3 G3 G3 G3 G3 G3 G3 G3 G1 G2 G2 G3
Geranium wislizeni Geum geniculatum Geum radiatum Gillia insignis Gillia insignis Gillia insignis Gillia ludens Gilandularia maritima Gilandularia tampenisi Gilossopetalon texense Giyceria nubigena Govenia floridana Gratola granticola Gratola granticola Gratola quartermaniae Greenwoodiella deserticola Grindelia oolepis Gualacum sanctum Gymnocarpium appalachianum Gymnopapon chapmanianus Hackelia besseyi Halophila johnsonii Hamamelis ovalis Hamperocaliis flava Harrisia aboriginum Harrisia simpsonii Hartwrightia floridana Hartwrightia floridana Hasteola robertorum Hedeoma apiculata Hedeoma poliosa Hedeoma mollis Hedeoma mollis Hedeoma mollis	Moderate Very High Very High High Moderate Moderate Moderate Moderate Very High New High High Moderate Very High Very High Very High Very High Very High Very High Moderate Moderate Moderate High Very High High Very High High Very High Very High Very High Very High Very High Very High Moderate Moderate Moderate Moderate High Very High Very High Very High Very High Moderate	G3G4 G2 G2 G3 G3 G3 G3 G2 G1 G2G3 G3 G3 G1 G2 G2G3 G3 G3 G1 G2 G2G3 G3 G3 G3 G2 G1 G2 G2 G1 G1 G3 G5T37 G3G4
Geranium wislizeni Geum geniculatum Geum radiatum Gillia insignis Gillia ludens Gilandularia maritima Gilandularia maritima Gilandularia tampensis Gilossopetalon texense Gilyceria nubigena Govenia floridana Gratiola graniticola Gratiola graniticola Gratiola graniticola Gratiola graniticola Grindelia oolepis Guaiacum sanctum Gymnocappion appalachianum Gymnocappion appalachianum Hackelia besseyi Halophila johnsonii Haramamelis ovalis Haraperocaliis flava Harrisia aboriginum Harrisia simpsonii Harrisia simpsonii Hartvirighta floridana Hasteola robertiorum Hedeoma apiculata Hedeoma apiculata Hedeoma mollis Hedeoma mollis	Moderate Very High Very High High Moderate Moderate Moderate Moderate Very High Very High Very High Moderate Moderate Very High Moderate Moderate Moderate Moderate Moderate High High Moderate High Moderate High Very High Very High Very High High Very High High Very High Very High High Very High Moderate Very High Moderate	G3G4 G2 G2 G3 G3 G3 G3 G4 G1 G2 G3 G3 G3 G3 G3 G3 G3 G3 G3 G1 G2 G2 G3
Geranium wislizeni Geum geniculatum Geum radiatum Gillia insignis Gillia insig	Moderate Very High Very High High Moderate Moderate Moderate Moderate Very High New High High Moderate Very High Very High Very High Very High Very High Very High Moderate Moderate Moderate High Very High High Very High High Very High Very High Very High Very High Very High Very High Moderate Moderate Moderate Moderate High Very High Very High Very High Very High Moderate	G3G4 G2 G2 G3 G3 G3 G3 G2 G1 G2G3 GX G3 G3 G3 G3 G1 G2 G2 G2 G2 G3
Gernium wislizeni Geum geniculatum Gellia ingignis Gillia ludens Gillandularia maritima Glandularia maritima Glandularia tampensis Gloscopetalon texense Glyceria nubigena Govenia floridana Gratiola graniticola Gratiola graniticola Gratiola quartermaniae Graenwoodiella deserticola Grindella colepis Gualacum sanetum Gymnocarpium appalachianum Gymnopogon chapmanianus Hackella besseyi Halophila johnsonii Hamamelis ovalis Harperocallis flava Harrisia fragrans Harrisia fragrans Harrisia fragrans Harrisia fragrans Harrisia fragrans Harrisia fragrans Harrisia rismponii Hartwrightia floridana Hasdeoma costata var costata Hedeoma costata var costata Hedeoma mollis Hedeoma pilosa Hedyotis angulata Hedyotis angulata Hedyotis nigricans var, austrotexana	Moderate Very High High High Moderate Moderate Very High Very High High Moderate Very High High Very High Very High High Moderate Very High Very High Moderate Moderate Very High Moderate Very High Moderate Very High Very High Moderate Very High Moderate	G3G4 G2 G2 G3 G3 G3 G3 G2 G1 G2G3 G3 G3 G3 G3 G3 G1 G2 G2 G3
Geranium wislizeni Geum gradiatum Geum radiatum Gillia insignis Gillia insigni	Moderate Very High Very High High Moderate Moderate Moderate Moderate Very High Very High Very High Moderate Moderate Very High Moderate Moderate Moderate Moderate Moderate High High Moderate Very High Moderate Migh Moderate Moderate Moderate Moderate Moderate Moderate Migh Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Migh Moderate	G3G4 G2 G2 G3 G3 G3 G3 G2 G1 G2G3 G3 G3 G3 G3 G3 G3 G3 G3 G1 G2 G2 G2 G3
Gernium wislizeni Geum geniculatum Gelm radiatum Gillia inignis Gillia ludens Gillandularia maritima Glandularia maritima Glandularia tampensis Gloscopetalon texense Glyceria nubigena Govenia floridana Gratiola graniticola Gratiola quratermaniae Graenwoodiella deserticola Grindella colepis Gualacum sanetum Gymnocarpium appalachianum Gymnocarpium appalachianum Gymnocarpium appalachianum Halophila johnsonii Hamamelis ovalis Harperocallis flava Harrisia fragrans Harrisia fragrans Harrisia fragrans Harrisia fragrans Harrisia fragrans Harrisia robentiorum Hedeoma cotata var costata Hedeoma cotata var costata Hedeoma pilosa Hedeyotis butterwickiae Hedyotis nigricans var. austrotexana Hedenium brevifolium	Moderate Very High High High Moderate Moderate Very High Very High High High High Woderate Very High High Very High Noderate Very High Very High Very High Very High Very High Noderate	G3G4 G2 G2 G3 G3 G3 G3 G2 G1 G2 G3
Geranium wisiizeni Geum geniculatum Geum radiatum Gillia insignis Gillia ludens Gilandularia maritima Gilandularia tampensis Giloszopetalon texense Giloszopetalon Govenia Floridana Gratiola quartermaniae Gratiola quartermaniae Gratiola quartermaniae Gratiola quartermaniae Gratiola golepis Guaiacum sanctum Gymnocappium appalachianum Gymnocappium appalachianum Gymnocappium appalachianum Hanoppium appalachianum Harrisia singsonii Hartisia singsonii Hartisia singsonii Hartisia singsonii Hartisia singsonii Hartivrightia floridana Hadeoma apiculata Hadeoma apiculata Hadeoma costata var. costata Hadeoma mollis Hadeoma pilosa Hadyotis nigricans var. austrotexana Hedyotis nigricans var. austrotexana Hedyotis nigricans var. papillacea Hedyotis nigricans var. papillacea Hedyotis nigricans var. papillacea Hedyotis nigricans var. papillacea	Moderate Very High Very High High Moderate Moderate Very High High Moderate Very High Very High Very High High Moderate Moderate Very High Moderate Moderate Moderate High High Nore High High High Moderate High Very High Very High Very High Nore High High Nery High Nery High Nery High Nery High Nery High High Moderate Moderate Moderate Moderate Moderate Moderate Moderate Lery High Moderate	G3G4 G2 G2 G3 G3 G3 G3 G3 G4 G1 G2 G3
Gernium wislizeni Geum geniculatum Gelm radiatum Gillia inignis Gillia ludens Gillandularia maritima Glandularia maritima Glandularia tampensis Gloscopetalon texense Glyceria nubigena Govenia floridana Gratiola graniticola Gratiola quratermaniae Graenwoodiella deserticola Grindella colepis Gualacum sanetum Gymnocarpium appalachianum Gymnocarpium appalachianum Gymnocarpium appalachianum Halophila johnsonii Hamamelis ovalis Harperocallis flava Harrisia fragrans Harrisia fragrans Harrisia fragrans Harrisia fragrans Harrisia fragrans Harrisia robentiorum Hedeoma cotata var costata Hedeoma cotata var costata Hedeoma pilosa Hedeyotis butterwickiae Hedyotis nigricans var. austrotexana Hedenium brevifolium	Moderate Very High High High Moderate Moderate Very High Very High High High High Woderate Very High High Very High Noderate Very High Very High Very High Very High Very High Noderate	G3G4 G2 G2 G3 G3 G3 G3 G2 G1 G2 G3
Geranium wisiizeni Geum geniculatum Geum radiatum Gilla intignis Gilla iudens Gilandularia maritima Gilandularia maritima Gilandularia tampensis Gilossopetalon texense Gilyceria nubigena Govenia floridana Gratola granticola Gratola granticola Gratola quartermaniae Greenwoodiella deserticola Grindelia oolepis Guaiacum sanctum Gymnocarpium appalachianum Gymnocarpium appalachianum Gymnopogon chapmanianus Hackelia besseyi Halophila johnsonii Hamamelis ovalis Harperocaliis flava Harrisia aboriginum Harrisia shoriginum Harrisia ringrans Hartvrighta floridana Hastvolghta floridana Hastvolghta floridana Hadeoma apiculata Hedeoma pilosa Hedeoma pilosa Hedyotis nigricans var. austrotexana Hedyotis nigricans var. papillacea Hedyotis nigricans var. papillacea Hedyotis nigricans var. papillacea Hedenium brevifolium Helenium brevifolium	Moderate Very High Very High High Moderate Moderate Moderate Moderate Very High Very High New High High Moderate Very High Very High Very High Very High Very High Very High Moderate Moderate Moderate Moderate Moderate Very High High Very High High Very High Moderate	G3G4 G2 G2 G3 G3 G3 G3 G4 G1 G2 G3 G3 G3 G3 G1 G2 G2 G2 G3 G3 G3 G1 G2 G2 G3 G3 G3 G3 G4 G4 G4 G3 G5 G5 G5 G5 G7
Gernium wislizeni Geum geniculatum Geum radiatum Glilla insignis Glilla ludens Glilan ludens Glandularia maritima Glandularia tampensis Glioszopetalon texense Glyceria nubigena Govenia floridana Gratiola graniticola Gratiola quratermanise Gratiola quratermanise Gratiola quatermanise Gratiola policia deserticola Grindelia oolepis Guaiacum sanctum Gymnocappium appalachianum Gymnocappium appalachianum Gymnocappium appalachianum Hackelia besseyi Halophila johnsonii Haramamelis ovalis Haraperocalilis flava Harrisia aboriginum Harrisia simpsonii Hartvinghtia floridana Hasteola robertiorum Hedeoma apiculata Hedeoma costata var. costata Hedeoma costata var. costata Hedeoma mollis Hedeoma pilosa Hedyotis ingicians var. austrotexana Hedyotis nigricans var. austrotexana Hedyotis nigricans var. papillacea Hedyotis nigricans var. papillacea Hedonium brevifolum Helainthemum raenicola Helainthemum raenicia Helainthemum raenicia Helainthemum raenicia Helainthemum raenicia Helainthemum raenicia Helainthemum raenicia	Moderate Very High Very High High Moderate Moderate Very High High Moderate Very High Very High Very High Moderate Very High Moderate Moderate Very High Moderate Moderate Moderate Moderate High Very High High Moderate High Very High Nery High Nery High Moderate	G3G4 G2 G2 G3 G3 G3 G3 G3 G4 G1 G2 G3
Geranium wisiizeni Geum geniculatum Geum radiatum Gilla intignis Gilla iudens Gilandularia maritima Gilandularia maritima Gilandularia tampensis Gilossopetalon texense Graviola graniticola Gratiola graniticola Gratiola graniticola Gratiola quartermaniae Greenwoodiella deserticola Grindelia oolepis Gusiacum sanctum Gymnocarpium appalachianum Gymnocarpium appalachianum Gymnocarpium appalachianum Harmoselis oolepis Halophila johnsonii Hanamelis ovalis Haraperocaliis flava Harrisia aboriginum Harrisia shoriginum Harrisia shoriginum Harrisia shoriginum Harrisia shoriginum Hadeoma apiculata Hadeoma apiculata Hedeoma pilosa Hedeoma pilosa Hedyotis nigricans var. austrotexana Hedyotis nigricans var. papillacea Hedyotis nigricans var. papillacea Hedyotis nigricans var. papillacea Hedyotis nigricans var. papillacea Hedenium vignicum Helainthus carnosus Helianthus carnosus Helianthus debilis sps. debilis Helianthus debilis sps. debilis	Moderate Very High Very High High Moderate Moderate Moderate Moderate Very High Very High High Moderate Very High Nest High High Moderate Very High Very High Very High Very High High Moderate Moderate Moderate Moderate Moderate Very High High Very High High Very High Moderate	G3G4 G2 G2 G3 G3 G3 G3 G4 G1 G2 G2 G3 G3 G3 G3 G1 G2 G2 G2 G3 G3 G3 G3 G1 G2 G2 G3 G3 G3 G4 G1 G1 G2 G2 G3 G3 G3 G1 G1 G2 G3 G3 G4 G1 G1 G2 G2 G1 G1 G2 G2 G1 G1 G3 G5T37 G3G4 G1 G1 G3G4 G1 G3 G3 G3 G4 G3 G3 G3 G4 G3 G3 G3 G3 G3 G4 G3 G3 G3 G3 G3 G3 G3 G4 G1 G3
Geranium wisiizeni Geum geniculatum Geum radiatum Gillia insignis Gillia insignia Gilossopetalon texense Gilossopetalon Gratola granticola Granticola granticola Gratola granticola Gratola granticola Hacelia besseyi Halophila johnsonii Hamamelis ovalis Hamamelis ovalis Hamperocal lis flava Harrerisa aborignum Harrerisa aborignum Harrerisa aborignum Harrerisa aborignum Harrerisa aborignum Harrerisa aborignum Harterisa impsonii Harterisa findana Harterighta floridana Haedeoma apliculata Hedeoma mollis Hedeoma mollis Hedeoma mollis Hedeoma pilosa Hedyotis nigricans var. austrotexana Hedyotis nigricans var. papillacea Hedyotis nigricans var. papillacea Hedyotis nigricans var. papillacea Hedenium brevifolium Heleinutm brevifolium Heleinutm brevifolium Heleinutm virginicum Helianthus carnosus Helianthus debilis ssp. debilis Helianthus debilis ssp. debilis	Moderate Very High Very High Moderate Moderate Moderate Moderate Very High Mery High High Moderate Moderate Very High Very High High Moderate Moderate Very High Very High High Moderate Moderate Moderate High Very High High Moderate Moderate Very High Moderate	G3G4 G2 G2 G3 G3 G3 G3 G3 G4 G5 G1 G2 G3 G3 G3 G1 G2 G2 G3 G3 G3 G3 G1 G2 G2 G3 G3 G3 G3 G3 G3 G3 G4 G4 G1 G2 G5 G1 G5 G5 G7
Geranium wisiizeni Geum geniculatum Geum radiatum Gilla intignis Gilla iudens Gilandularia maritima Gilandularia maritima Gilandularia tampensis Gilossopetalon texense Graviola graniticola Gratiola graniticola Gratiola graniticola Gratiola quartermaniae Greenwoodiella deserticola Grindelia oolepis Gusiacum sanctum Gymnocarpium appalachianum Gymnocarpium appalachianum Gymnocarpium appalachianum Harmoselis oolepis Halophila johnsonii Hanamelis ovalis Haraperocaliis flava Harrisia aboriginum Harrisia shoriginum Harrisia shoriginum Harrisia shoriginum Harrisia shoriginum Hadeoma apiculata Hadeoma apiculata Hedeoma pilosa Hedeoma pilosa Hedyotis nigricans var. austrotexana Hedyotis nigricans var. papillacea Hedyotis nigricans var. papillacea Hedyotis nigricans var. papillacea Hedyotis nigricans var. papillacea Hedenium vignicum Helainthus carnosus Helianthus carnosus Helianthus debilis sps. debilis Helianthus debilis sps. debilis	Moderate Very High Very High High Moderate Moderate Moderate Moderate Very High Very High High Moderate Very High Nest High High Moderate Very High Very High Very High Very High High Moderate Moderate Moderate Moderate Moderate Very High High Very High High Very High Moderate	G3G4 G2 G2 G3 G3 G3 G3 G4 G1 G2 G2 G3 G3 G3 G3 G1 G2 G2 G2 G3 G3 G3 G3 G1 G2 G2 G3 G3 G3 G4 G1 G1 G2 G2 G3 G3 G3 G1 G1 G2 G3 G3 G4 G1 G1 G2 G2 G1 G1 G2 G2 G1 G1 G3 G5T37 G3G4 G1 G1 G3G4 G1 G3 G3 G3 G4 G3 G3 G3 G4 G3 G3 G3 G3 G3 G4 G3 G3 G3 G3 G3 G3 G3 G4 G1 G3
Gernium wislizeni Geum ganiculatum Gelm radiatum Gillia inignis Gillia ludens Gillandularia maritima Glandularia maritima Glandularia tampensis Gloscopetalon texense Glyceria nubigena Govenia floridana Gratiola graniticola Gratiola quartermaniae Graenwoodiella deserticola Grindelia oolepis Gualacum sanetum Gymnocarpium appalachianum Gymnopogon chapmanianus Hackelia besseyi Halophila johnsonii Hamamelis ovalis Harperocallis flava Harrisia fragrans Harrisia fragrans Harrisia fragrans Harrisia fragrans Harrisia fragrans Harrisia simpsonii Hartwrightia floridana Hastedoma apiculata Hedeoma apiculata Hedeoma polica Hedeoma pilosa Hedyotis nigricans var. austrotexana Hedyotis nigricans var. austrotexana Hedyotis nigricans var. austrotexana Hedeonium brevifolium Heleianthemum aranicola Helianthemum aranicola Helianthemum aranicola Helianthemum aranicola Helianthemum aranicola Heliantheus debilis sp. debilis Helianthus debilis sp. debilis Helianthus debilis sp. debilis Helianthus debilis sp. debilis	Moderate Very High High High Moderate Moderate Very High Very High High High Moderate Very High High Moderate Moderate Moderate Moderate Moderate High Very High Moderate Mod	G3G4 G2 G2 G3 G3 G3 G3 G2 G1 G2 G3

Helianthus neglectus Helianthus paradoxus		
Helianthus paradoxus	Very High	G2Q
	Very High	G2
Helianthus praecox ssp. hirtus	Very High	G4T2Q
Helianthus praecox ssp. praecox	Very High	G4T2
Helianthus schweinitzii	Moderate	G3
Helianthus smithii	Very High	G2Q
Helianthus verticillatus	Very High	G1
Helonias bullata	High	G3
Hesperaloe parviflora	Moderate	G3
Heteranthera mexicana	High	G2G3
Heteranthera missouriensis	Moderate	G3G4
Heteranthera pauciflora	High	G3
Heuchera alba	Very High	G2Q
Heuchera americana var. hispida	Moderate	G5T3?
Heuchera caroliniana	Moderate	G3
Heuchera parviflora var. puberula	Moderate	G4T3T4
Heuchera parviflora var. saurensis	Very High	G4T1
Heuchera villosa var. arkansana	Moderate	G5T3Q
Hexalectris nitida	Moderate	G3
Hexalectris revoluta var. revoluta	Very High	G2T1T2
Hexalectris spicata var. arizonica	Moderate	G5T2T4
Hexalectris warnockii	High	G2G3
Hexastylis contracta	Moderate	G3
Hexastylis finzelii	Very High	G1
Hexastylis lewisii	Moderate	G3
Hexastylis naniflora	Moderate	G3
Hexastylis rhombiformis	Moderate	G3
•		
Hexastylis rollinsiae	Very High	GHC
Hexastylis shuttleworthii var. harperi	High	G4T3
Hexastylis sorriei	Very High	G1G2
Hexastylis speciosa	Very High	G2
Hibiscus dasycalyx	Very High	G1
Hieracium carneum	Moderate	G3G4
Hieracium scabrum var. intonsum	Moderate	G5T2T4
	Control of the Contro	G31214
Hoffmannseggia drummondii	Moderate	
Hoffmannseggia tenella	Very High	G1
Hottonia inflata	Moderate	G4
Houstonia correllii	Very High	G1
Houstonia croftiae	Moderate	G3
Houstonia longifolia var. glabra	Moderate	G5T3Q
Houstonia ouachitana	Moderate	G3
Houstonia parviflora	Moderate	G3
	Very High	G5T2
Houstonia purpurea var. montana		
Hudsonia montana	Very High	G1
Huperzia porophila	Moderate	G4
Hydrastis canadensis	Moderate	G3G4
Hydrophyllum brownei	Very High	G2
Hymenocallis choctawensis	Moderate	G3G4
Hymenocallis coronaria	High	G3?
Hymenocallis duvalensis	Moderate	G3
Hymenocallis gholsonii	Very High	G1
Hymenocallis godfreyi	Very High	G1
	Very High	G2T2
Hymenocallis henryae var. glaucifolia	and the state of t	
Hymenocallis henryae var. henryae		
	High	G2T2T3
Hymenocallis palmeri	Moderate	G3?
Hymenocallis palmeri	Moderate	G3?
Hymenocallis palmeri Hymenocallis punta-gordensis	Moderate Very High	G3? G1Q
Hymenocallis palmeri Hymenocallis punta-gordensis Hymenocallis pygmaea	Moderate Very High Very High	G3? G1Q G2Q
Hymenocallis palmeri Hymenocallis punta-gordensis Hymenocallis pygmaea Hymenocallis rotata Hymenopappus biennis	Moderate Very High Very High High Moderate	63? 61Q 62Q 6263Q 6364
Hymenocallis palmeri Hymenocallis punta-gordensis Hymenocallis rotata Hymenopapus biennis Hymenopapus carrizoanus	Moderate Very High Very High High Moderate Very High	G3? G1Q G2Q G2G3Q G3G4 G2
Hymenocallis palmeri Hymenocallis punta-gordensis Hymenocallis rygmaea Hymenocallis rotata Hymenopappus biennis Hymenopappus carrizoanus Hymenophyllum tayloriae	Moderate Very High Very High High Moderate Very High Very High	63? 61Q 62Q 6263Q 6364 62
Hymenocallis palmeri Hymenocallis punta-gordensis Hymenocallis pygmaea Hymenocallis rotata Hymenopappus biennis Hymenopappus carrizoanus Hymenophyllum tayloriae Hymenoxys perpygmaea	Moderate Very High Very High High Moderate Very High Very High Very High	G3? G1Q G2Q G2G3Q G3G4 G2 G2 G2
Hymenocallis palmeri Hymenocallis purta-gordensis Hymenocallis prigmaea Hymenocallis rotata Hymenopappus biennis Hymenopappus carricoanus Hymenophyllum tayloriae Hymenoxys perpygmaea Hymenoxys texana	Moderate Very High Very High High Moderate Very High Very High Very High Very High Very High Very High	G37 G1Q G2Q G2G3Q G3G4 G2 G2 G2 G1
Hymenocallis palmeri Hymenocallis putra-gordensis Hymenocallis pygmaea Hymenocallis rotata Hymenopappus biennis Hymenophyllum tayloriae Hymenophyllum tayloriae Hymenoxys perpygmaea Hymenoxys texana Hymenoxys vaseyi	Moderate Very High Wery High High Moderate Very High Very High Very High Very High Very High Very High	63? 61Q 62Q 6263Q 6364 62 62 61 62 62
Hymenocallis palmeri Hymenocallis purta-gordensis Hymenocallis rygmaea Hymenopalpus biennis Hymenopappus carrizoanus Hymenophyllum tayloriae Hymenoys perpygmaea Hymenoys texana Hymenoys texana Hymenoxys texana Hymenoxys vaseyi Hypericum ad pressum	Moderate Very High Very High High Moderate Very High Very High Very High Very High Very High Very High Moderate Moderate Moderate	63? 61Q 62Q 62GQ 6364 62 62 61 62 62 62
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Hymenocallis palmeri Hymenocallis purta-gordensis Hymenocallis rygmaea Hymenopalpus biennis Hymenopappus carrizoanus Hymenophyllum tayloriae Hymenoys perpygmaea Hymenoys texana Hymenoys texana Hymenoxys texana Hymenoxys vaseyi Hypericum ad pressum	Moderate Very High Very High High Moderate Very High Very High Very High Very High Very High Very High Moderate Moderate Moderate	63? 61Q 62Q 62GQ 6364 62 62 61 62 62 62
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Hymenocallis palmeri Hymenocallis punta-gordensis Hymenocallis prygmaea Hymenocallis rotata Hymenopappus biennis Hymenopappus carrizoanus Hymenopappus carrizoanus Hymenophyllum tayloriae Hymenoys yaseyyamaea Hymenoys vasayi Hymenoys vasayi Hypericum adpressum Hypericum buckleii Hypericum dapmanii Hypericum chapmanii Hypericum edisonianum Hypericum exide Hypericum exide Hypericum exide Hypericum exide Hypericum exide Hypericum exide Hypericum sylvariaeae Hypericum graveolens Hypericum graveolens Hypericum farperi Hypericum lissophloeus	Moderate Very High Very High High Moderate Very High Very High Very High Very High Moderate	63? 61Q 62Q 62GQ 6364 62 62 61 62 62 63 63 63 63 63 62 62 6263 63 63 63 63
Hymenocallis palmeri Hymenocallis punta-gordensis Hymenocallis pygmaea Hymenocallis rotata Hymenopappus biennis Hymenopappus carricoanus Hymenopappus carricoanus Hymenopappus carricoanus Hymenoxys zerpygmaea Hymenoxys vaseyi Hymenoxys vaseyi Hypericum adpressum Hypericum adpressum Hypericum delionianum Hypericum canulicola Hypericum edisonianum Hypericum edisonianum Hypericum extra	Moderate Very High Moderate Very High Moderate Very High Moderate Moderate Moderate Moderate Very High High Very High High Moderate Very High Moderate Very High Moderate Very High Moderate Very High Moderate	G3? G1Q G2Q G2G3Q G3G4 G2 G2 G1 G2 G2 G1 G2 G2 G3 G2 G2 G2 G2 G2 G3
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Ipomopsis havardii	Moderate	G3
Ipomopsis wrightii	High	G2G3
Iris brevicaulis	Moderate	G4
Iris giganticaerulea	Moderate	G3
Iris tridentata	Moderate	G3G4
Isoetes boomii	Very High	G1
Isoetes flaccida var. alata	High	G3T1T3Q
Isoetes flaccida var. chapmanii	High	G3T1T3Q
Isoetes flaccida var. flaccida	High	G3T1T3Q
Isoetes georgiana	High	G2G3
Isoetes graniticola	Very High	G2
Isoetes hyemalis	High	G2G3
Isoetes junciformis	Very High	G1
Isoetes lithophila	Very High	G1
Isoetes louisianensis	High	G2G3
Isoetes melanospora	1255 Santa - 1	G1
	Very High	
Isoetes microvela	Very High	G1
Isoetes mississippiensis	Very High	G1
Isoetes tegetiformans	Very High	G1
Isoetes tennesseensis	Very High	G1
Isoetes virginica	Very High	G1
Isotria medeoloides	High	G2G3
Jacquemontia curtissii	Very High	G2
Jacquemontia reclinata	Very High	G1
Ja mesianthus alabamensis	Moderate	G3
Juglans cinerea	Moderate	
		G3
Juncus caesariensis	High	G2G3
Juncus fascinatus	High	G2G3
Juncus georgianus	Moderate	G3
Juncus longii	Moderate	G3Q
Juncus paludosus	Moderate	G3G4
Juncus trifidus ssp. carolinianus	Moderate	G5T3?Q
Justicia angusta	Moderate	G3Q
Justicia cooleyi	Very High	G2Q
Justicia crassifolia	Moderate	G3
Justicia crassiona Justicia runyonii	Very High	G2
	Moderate	G2 G3
Justicia warnockii		
Justicia wrightii	Very High	G2
Kallstroemia perennans	Very High	G1
Kalmia cuneata	Moderate	G3
Kosteletzkya smilacifolia	High	G1G3Q
Krigia montana	Moderate	G3
Krigia wrightii	Moderate	G3G4
Lachnocaulon digynum	Moderate	G3G4
Lachnocaulon engleri	Moderate	G3
Lachnocaulon minus	Moderate	G3G4
		G5?T2T3
	High	
Laennecia turnerorum	Very High.	G1
Laennecia turnerorum Lantana depressa var. depressa	Very High Very High	G1 G2T1
Laennecia turnerorum Lantana depressa var. depressa Lantana depressa var. floridana	Very High Very High Very High	G1 G2T1 G2T1
Laennecia turnerorum Lantana depressa var. depressa Lantana depressa var. floridana	Very High Very High	G1 G2T1
Laennecia turnerorum Lantana depressa var. depressa Lantana depressa var. floridana Lantana depressa var. sanibelensis	Very High Very High Very High	G1 G2T1 G2T1
Laennecia turnerorum Lantana depressa var. depressa Lantana depressa var. floridana Lantana depressa var. sanibelensis Leavenworthia alabamica var. alabamica	Very High Very High Very High Very High	G1 G2T1 G2T1 G2T1
Laennecia turnerorum Lantana depressa Lantana depressa var. depressa Lantana depressa var. floridana Lantana depressa var. sanibelensis Leavenworthia alabamica var. alabamica Leavenworthia alabamica var. brachystyla	Very High Very High Very High Very High Very High Very High	G1 G2T1 G2T1 G2T1 G2T2Q
Laennecia turnerorum Lantana depressa var. depressa Lantana depressa var. floridana Lantana depressa var. sanibelensis Leavenworthia alabamica var. alabamica Leavenworthia alabamica var. brachystyla Leavenworthia aurea	Very High	G1 G2T1 G2T1 G2T1 G2T2Q G2T1T2Q G2
Laennecia turnerorum Lantana depressa var. depressa Lantana depressa var. fioridana Lantana depressa var. sanibelensis Leavenworthia alabamica var. slabamica Leavenworthia ialabamica var. brachystyla Leavenworthia aurea Leavenworthia carasa var. crassa	Very High	G1 G2T1 G2T1 G2T1 G2T2Q G2T1T2Q G2 G2T1Q
Laennecia turnerorum Lantana depressa var. depressa Lantana depressa var. dioridana Lantana depressa var. sanibelensis Leavenworthia alabamica var. alabamica Leavenworthia alabamica var. brachystyla Leavenworthia aurea Leavenworthia crassa var. crassa Leavenworthia crassa var. crassa	Very High	61 6271 6271 6271 6272 6272Q 627172Q 62 62710 62
Laennecia turnerorum Lantana depressa var. depressa Lantana depressa var. deiridana Lantana depressa var. sanibelenis Leavenworthia alabamica var. alabamica Leavenworthia aurea Leavenworthia rarsa var. crassa Leavenworthia crassa var. crassa Leavenworthia crassa var. crassa Leavenworthia crassa var. crassa	Very High	G1 G2T1 G2T1 G2T1 G2T2Q G2T17Q G2T17Q G2 G2T1Q G2T1Q G2T1Q G2T1Q G4T3
Laennecia turnerorum Lantana depressa var. depressa Lantana depressa var. floridana Lantana depressa var. sanibelensis Leavenworthia alabamica var. alabamica Leavenworthia alabamica var. brachystyla Leavenworthia aurea Leavenworthia crassa var. crassa Leavenworthia crassa var. crassa Leavenworthia crassa var. dengata Leavenworthia exigua var. svigua Leavenworthia exigua var. svigua	Very High Moderate Very High	G1 G2T1 G2T1 G2T1 G2T1 G2T2Q G2T172Q G2 G2T10Q G2T1Q G2T1Q G4T3 G4T1T2
Laennecia turnerorum Lantana depressa var. depressa Lantana depressa var. foridana Lantana depressa var. foridana Lantana depressa var. sanibelensis Leavenworthia alabamica var. alabamica Leavenworthia alabamica var. brachystyla Leavenworthia crassa var. crassa Leavenworthia crassa var. crassa Leavenworthia crassa var. elongata Leavenworthia crassa var. elongata Leavenworthia exigua var. seigua Leavenworthia exigua var. seigua Leavenworthia exigua var. lacinista Leavenworthia exigua var. lacinista Leavenworthia exigua var. lutea	Very High Moderate Very High Very High Moderate Very High Very High	G1 G2T1 G2T1 G2T1 G2T1 G2T1 G2T1Q G2T1T2Q G2T1T2Q G2T1Q G2T1Q G2T1Q G4T3 G4T3T
Laennecia turnerorum Lantana depressa var. depressa Lantana depressa var. deiradana Lantana depressa var. sanibelensis Leavenworthia alabamica var. alabamica Leavenworthia alabamica var. brachystyla Leavenworthia aurea Leavenworthia crassa var. crassa Leavenworthia crassa var. elongata Leavenworthia exigua var. sizigua Leavenworthia exigua var. laciniata Leavenworthia exigua var. laciniata Leavenworthia exigua var. lutea Leavenworthia exigua var. lutea	Very High Moderate Very High Very High Moderate Very High	G1 G2T1 G2T1 G2T1 G2T1 G2T2 G2T1 G2T2Q G2T17Q G2T17Q G2T1Q G2T1Q G4T3 G4T1T2 G4T1 G4T1 G11 G11 G11 G11 G11 G11 G11 G11 G11 G
Laennecia turnerorum Lantana depressa var. depressa Lantana depressa var. sanibelenis Leavenworthia alabamica var. alabamica Leavenworthia alabamica var. brachystyla Leavenworthia area Leavenworthia crassa var. crassa Leavenworthia crassa var. crassa Leavenworthia crassa var. elongata Leavenworthia exigua var. seigua Leavenworthia exigua var. laciniata Leavenworthia exigua var. laciniata Leavenworthia exigua var. lutea Leavenworthia exigua var. lutea Leavenworthia exigua var. lutea	Very High Moderate Very High Very High Moderate Very High Very High Moderate Very High Moderate	G1 G2T1 G2T1 G2T1 G2T1 G2T2Q G2T17Q G2T17Q G2 G2T1Q G2T1Q G4T3 G4T172 G4T1 G4T1 G1 G3
Laennecia turnerorum Lantana depressa var. depressa Lantana depressa var. deinensa Lantana depressa var. sanibelensis Leavenworthia alabamica var. slabamica Leavenworthia alabamica var. brachystyla Leavenworthia area Leavenworthia crassa var. crassa Leavenworthia crassa var. crassa Leavenworthia crassa var. elongata Leavenworthia crassa var. elongata Leavenworthia exigua var. laciniata Leavenworthia exigua var. lutea Leavenworthia taxana Lechea divaricata	Very High Moderate Very High Very High Very High Very High Moderate Very High Moderate Very High Moderate Very High	G1 G2T1 G2T1 G2T1 G2T1 G2T2Q G2T1T2Q G2 G2T1Q G2T1Q G4T3 G4T17 G4T1 G4T1 G1 G3 G2
Laennecia turnerorum Lantana depressa var. depressa Lantana depressa var. depressa Lantana depressa var. sanibelensis Leavenworthia alabamica var. alabamica Leavenworthia aurea Leavenworthia crassa var. crassa Leavenworthia crassa var. crassa Leavenworthia crassa var. crassa Leavenworthia exigua var. svigua Leavenworthia exigua var. svigua Leavenworthia exigua var. lutea Leavenworthia exigua var. lutea Leavenworthia taexana Lechea ceruua Lechea ceruua Lechea divaricata Lechea lakelae	Very High Noderate Very High Very High Moderate Very High	G1 G2T1 G2T1 G2T1 G2T1 G2T12Q G2T172Q G2 G2T172Q G2T1Q G2T1Q G4T3 G4T1T2 G4T1 G1 G3 G2 GX
Laennecia turnerorum Lantana depressa var. depressa Lantana depressa var. depressa Lantana depressa var. sanibelensis Leavenworthia alabamica var. alabamica Leavenworthia aurea Leavenworthia crassa var. crassa Leavenworthia crassa var. crassa Leavenworthia crassa var. crassa Leavenworthia exigua var. svigua Leavenworthia exigua var. svigua Leavenworthia exigua var. lutea Leavenworthia exigua var. lutea Leavenworthia taexana Lechea ceruua Lechea ceruua Lechea divaricata Lechea lakelae	Very High Moderate Very High Very High Very High Very High Moderate Very High Moderate Very High Moderate Very High	G1 G2T1 G2T1 G2T1 G2T1 G2T2Q G2T1T2Q G2 G2T1Q G2T1Q G4T3 G4T17 G4T1 G4T1 G1 G3 G2
Laennecia turnerorum Lantana depressa var. depressa Lantana depressa var. deindana Lantana depressa var. sanibelensis Leavenworthia alabamica var. alabamica Leavenworthia alabamica var. brachystyla Leavenworthia arasa Leavenworthia crassa var. crassa Leavenworthia crassa var. crassa Leavenworthia crassa var. exigua Leavenworthia exigua var. lacinista Leavenworthia exigua var. lutea Lechea divaricata Lechea aliealea Lechea maritima var. virginica	Very High Noderate Very High Very High Moderate Very High	G1 G2T1 G2T1 G2T1 G2T1 G2T12Q G2T172Q G2 G2T172Q G2T1Q G2T1Q G4T3 G4T1T2 G4T1 G1 G3 G2 GX
Laennecia turnerorum Lantana depressa var. depressa Lantana depressa var. deiridana Lantana depressa var. sanibelenis Leavenworthia alabamica var. alabamica Leavenworthia alabamica var. brachystyla Leavenworthia arasa Leavenworthia crassa var. crassa Leavenworthia crassa var. elongata Leavenworthia crassa var. elongata Leavenworthia exigua var. krigua Leavenworthia exigua var. seiniata Leavenworthia exigua var. utea Leavenworthia exigua var. lutea Leavenworthia texana Lechea divaricata Lechea maritima var. virginica Lechea maritima var. virginica	Very High Noderate Very High Noderate Very High Very High Very High Very High Very High Very High Noderate Noderate Noderate	G1 G2T1 G2T1 G2T1 G2T2Q G2T1 G2T2Q G2T1T2Q G2 G2T1Q G2T1Q G4T3 G4T13 G4T1T2 G4T1 G1 G3 G2 GX GST3Q
Laennecia turnerorum Lantana depressa var. depressa Lantana depressa var. depressa Lantana depressa var. sanibelonis Leavenworthia alabamica var. alabamica Leavenworthia alabamica var. brachystyla Leavenworthia arasa var. crassa Leavenworthia crassa var. crassa Leavenworthia crassa var. crassa Leavenworthia crassa var. urasa Leavenworthia exigua var. aciniata Leavenworthia exigua var. lutea Leavenworthia texana Lechea divaricata Lechea divaricata Lechea divaricata Lechea maritima var. virginica Lechea maritima var. virginica Lechea mensalis Leitneria floridana	Very High Moderate	G1 G2T1 G2T1 G2T1 G2T2Q G2T172Q G2 G2T172Q G2 G2T1Q G2T1Q G4T3 G4T172 G4T1 G1 G3 G2 GX
Laennecia turnerorum Lantana depressa var. depressa Lantana depressa var. depressa Lantana depressa var. sanibelensis Leavenworthia alabamica var. slabamica Leavenworthia alabamica var. brachystyla Leavenworthia area Leavenworthia crassa var. crassa Leavenworthia crassa var. crassa Leavenworthia crassa var. elongata Leavenworthia exigua var. laciniata Leavenworthia exigua var. lutea Leavenworthia exigua var. lutea Leavenworthia exigua var. lutea Leavenworthia texana Lechea divaricata Lechea divaricata Lechea maritima var. virginica Lechea maritima var. virginica Lechea maritima var. virginica Lechea maridina Leitneria pilosa ssp. ozarkana	Very High Moderate High	G1 G2T1 G2T1 G2T1 G2T2Q G2T172Q G2 G2T172Q G2 G2T1Q G4T3 G4T1T2 G4T1 G1 G3 G2 GX G5T3Q G1 G1 G3 G2 G3 G2 GX G5T3Q G1 G3 G2 G3 G2 G3 G2 G3
Laennecia turnerorum Lantana depressa var. depressa Lantana depressa var. depressa Lantana depressa var. sanibelensis Leavenworthia alabamica var. slabamica Leavenworthia alabamica var. shachystyla Leavenworthia aurae Leavenworthia crassa var. crassa Leavenworthia crassa var. erassa Leavenworthia crassa var. esigua Leavenworthia exigua var. siciniata Leavenworthia exigua var. laciniata Leavenworthia exigua var. lutea Leavenworthia exigua var. lu	Very High Noderate High Nery High Nery High Nery High Nery High	G1 G2T1 G2T1 G2T1 G2T2 G2T2Q G2T17 G2T2Q G2T172Q G2 G2T1Q G4T3 G4T13 G4T172 G4T1 G1 G3 G2 GX G5T3Q G1 G3 G2G3T2T3 G2G3T2
Laennecia turnerorum Lantana depressa var. depressa Lantana depressa var. deiridana Lantana depressa var. sanibelenis Leavenworthia alabamica var. alabamica Leavenworthia alabamica var. brachystyla Leavenworthia arsas Leavenworthia crassa var. crassa Leavenworthia crassa var. crassa Leavenworthia crassa var. elongata Leavenworthia crassa var. elongata Leavenworthia exigua var. exigua Leavenworthia exigua var. laciniata Leavenworthia taxana Lechea divaricata Lechea alealea Lechea maritima var. virginica Lechea mensalis Leitneria pilosa sp., ozarkana Leitneria pilosa sp., pozarkana Leitneria pilosa sp., pozakana Lenpopyllum texanum	Very High Moderate Very High Very High Very High Moderate Moderate Mery High Moderate	G1 G2T1 G2T1 G2T1 G2T1 G2T2Q G2T17Q G2T17Q G2 G2T1Q G2T1Q G2T1Q G4T3 G4T172 G4T17 G1 G3 G2 GX G5T3Q G1 G3 G3 G5
Laennecia turnerorum Lantana depressa var. depressa Lantana depressa var. depressa Lantana depressa var. sanibelenis Leavenworthia alabamica var. alabamica Leavenworthia alabamica var. brachystyla Leavenworthia arasa var. crassa Leavenworthia crassa var. crassa Leavenworthia crassa var. crassa Leavenworthia crassa var. elongata Leavenworthia exigua var. laciniata Leavenworthia exigua var. laciniata Leavenworthia exigua var. lutea Leavenworthia e	Very High Moderate	G1 G2T1 G2T1 G2T1 G2T2Q G2T172Q G2 G2T172Q G2 G2T10Q G2T10Q G2T1Q G4T3 G4T172 G4T1 G1 G3 G2 GX
Laennecia turnerorum Lantana depressa var. depressa Lantana depressa var. depressa Lantana depressa var. sanibelensis Leavenworthia alabamica var. alabamica Leavenworthia alabamica var. brachystyla Leavenworthia arasa Leavenworthia crassa var. crassa Leavenworthia crassa var. crassa Leavenworthia crassa var. crassa Leavenworthia crassa var. selongata Leavenworthia crassa var. selongata Leavenworthia exigua var. laciniata Leavenworthia exigua var. lutea Leavenworthia texana Lechea cernua Lechea divaricata Lechea divaricata Lechea maritima var. virginica Lechea mensalis Leitneria floridana Leitneria pilosa sp. ozarkana Leitneria pilosa sp. ozarkana Leitneria pilosa sp. pilosa Lenophyllum tenaum Lepanthopsis melanantha Lepidium alyssoides var. angustifolium	Very High Moderate Moderate High Moderate High Moderate Migh	G1 G2T1 G2T1 G2T1 G2T1 G2T2Q G2T172Q G2 G2T172Q G2 G2T1Q G4T3 G4T172 G4T1 G1 G3 G2 GX G5T3Q G1 G3 G2 GX G5T3Q G1 G3 G2 G2 G3 G2 G3 G2 G3
Laennecia turnerorum Lantana depressa var. depressa Lantana depressa var. depressa Lantana depressa var. sanibelensis Leavenworthia alabamica var. alabamica Leavenworthia alabamica var. brachystyla Leavenworthia aura Leavenworthia crassa var. crassa Leavenworthia crassa var. erassa Leavenworthia crassa var. esigua Leavenworthia exigua var. laciniata Leavenworthia exigua var. laciniata Leavenworthia exigua var. luciniata Leavenworthia exigua var. luciniata Leavenworthia exigua var. vitea Leavenworthia exigua var. luciniata Leavenworthia exigua var. vitea Leavenworthia exigua var. luciniata Leavenworthia exigua var. pilosa Lechea lainia exigua var. virginica Lechea lainia var. virginica Lechea lainia sap. pilosa Leitneria pilosa ssp. pilosa Leitneria pilosa ssp. pilosa Lenophyllum texanum Lepathopsis melanantha Lepidium ylaysoides var. angustifolium Lepidium ylaysoides var. angustifolium Lepidium ylaysoides var. angustifolium	Very High Noderate Very High Noderate Very High Noderate Very High Moderate	G1 G2T1 G2T1 G2T1 G2T2 G2T2 G2T2Q G2T172Q G2 G2T172Q G2 G2T1Q G4T3 G4T13 G4T172 G4T1 G1 G3 G2 GX G5T3Q G1 G3 G2G3T2T3 G2G3T2T3 G2G3T2 G3 G3G4 G5772T3 G573Q
Lantana depressa var. depressa Lantana depressa var. depressa Lantana depressa var. sanibelanis Leavenworthia alabamica var. alabamica Leavenworthia alabamica var. brachystyla Leavenworthia area Leavenworthia crassa var. crassa Leavenworthia crassa var. crassa Leavenworthia crassa var. elongata Leavenworthia crassa var. elongata Leavenworthia exigua var. laciniata Leavenworthia exigua var. lutea	Very High Moderate	G1 G2T1 G2T1 G2T1 G2T1 G2T2Q G2T1 G2T1CQ G2 G2T1Q G2T1Q G4T3 G4T13 G4T1T2 G4T1 G1 G3 G2 GX G5T3Q G1 G3 G2 GX G5T3Q G1 G3 G3 G3 G4 G3
Laennecia turnerorum Lantana depressa var. depressa Lantana depressa var. depressa Lantana depressa var. sanibelenis Leavenworthia alabamica var. alabamica Leavenworthia alabamica var. brachystyla Leavenworthia orassa Leavenworthia orassa Leavenworthia orassa var. crassa Leavenworthia crassa var. elongata Leavenworthia crassa var. elongata Leavenworthia exigua var. laciniata Leavenworthia exigua var. laciniata Leavenworthia exigua var. lutea Leavenworthia exigua var. lutea Leavenworthia taksana Lechea divaricata Lechea lakelae Lechea maritima var. virginica Lechea maritima var. virginica Lechea mensalis Leitneria pilosa sp. pilosa Lenpenlyllum texanum Lepanthopsis melanantha Lepidium laslysoides var. angustifolium Lepidium alysoides var. angustifolium Lepidium laslysoratum var. rotundum Lepidiospartum burgessii	Very High Noderate Very High Noderate Very High Noderate Very High Moderate	G1 G2T1 G2T1 G2T1 G2T2 G2T2 G2T2Q G2T172Q G2 G2T172Q G2 G2T1Q G4T3 G4T13 G4T172 G4T1 G1 G3 G2 GX G5T3Q G1 G3 G2G3T2T3 G2G3T2T3 G2G3T2 G3 G3G4 G5772T3 G573Q
Laennecia turnerorum Lantana depressa var. depressa Lantana depressa var. depressa Lantana depressa var. sanibelenis Leavenworthia alabamica var. alabamica Leavenworthia alabamica var. brachystyla Leavenworthia crassa var. crassa Leavenworthia crassa var. crassa Leavenworthia crassa var. crassa Leavenworthia crassa var. elongata Leavenworthia exigua var. laciniata Leavenworthia exigua var. laciniata Leavenworthia exigua var. lutea Lechea divaricata Lechea divaricata Lechea lakelae Lechea maritima var. virginica Lechea India pilosa sp. ozarlana Leitneria pilosa sp. ozarlana Leitneria pilosa sp. pilosa Lenpohyllum texanum Lepadium alysoides var. angustifolium Lepidium lasiocarpum var. rotundum Lepidium lasiocarpum var. rotundum Lepidospartum burgessii Leptochloa viscida	Very High Moderate	G1 G2T1 G2T1 G2T1 G2T1 G2T2Q G2T1 G2T1CQ G2 G2T1Q G2T1Q G4T3 G4T13 G4T1T2 G4T1 G1 G3 G2 GX G5T3Q G1 G3 G2 GX G5T3Q G1 G3 G3 G3 G4 G3
Laennacia turnerorum Lantana depressa var. depressa Lantana depressa var. depressa Lantana depressa var. sanibelensis Leavenworthia alabamica var. alabamica Leavenworthia alabamica var. alabamica Leavenworthia area Leavenworthia orassa var. crassa Leavenworthia orassa var. crassa Leavenworthia orassa var. erigua Leavenworthia evigua var. laciniata Leavenworthia evigua var. lutea Leavenworthia evigua var. virginica Lechea laiselae Lechea maritima var. virginica Lechea maritima var. virginica Lechea pilosa sp. pilosa Lenophyllum texanum Lepidolum alyssoides var. angustifolium Lepidolum alyssoides var. angustifolium Lepidolum lasiocarpum var. rotundum Lepidospartum burgessii Lepidospartum burgessii Leptochola visicida Leptogramma burksiorum	Very High Moderate Wery High Moderate	G1 G2T1 G2T1 G2T1 G2T1 G2T2Q G2T17Q G2 G2 G2T11Q G2T1Q G2T1Q G2T1Q G4T3 G4T12 G4T1 G1 G3 G2 GX G5T3Q G1 G3 G2 G2 GX G5T3Q G1 G3 G2 G2 G3 G4 G5T3T2T3 G2G3T2T3 G3G4 G5T72T3 G3G4 G5T72T3 G5T3Q G5T3Q G5T3Q G1 G3 G3G4
Laennecia turnerorum Lantana depressa var. depressa Lantana depressa var. depressa Lantana depressa var. sanibelensis Leavenworthia alabamica var. alabamica Leavenworthia alabamica var. brachystyla Leavenworthia crassa var. crassa Leavenworthia crassa var. crassa Leavenworthia crassa var. erigua Leavenworthia exigua var. laciniata Leavenworthia exigua var. laciniata Leavenworthia exigua var. luciniata Leavenworthia exigua var. luciniata Leavenworthia exigua var. luciniata Leavenworthia exigua var. lutea Leavenworthia exigua var. alaciniata Leavenworthia exigua var. alaciniata Leavenworthia exigua var. lutea Leavenworthia exigua var. lutea Leavenworthia exigua var. lutea Leavenworthia exigua var. alaciniata Leavenworthia exigua var. lutea Leavenworthia exigua v	Very High Moderate Ling High	G1 G2T1 G2T1 G2T1 G2T1 G2T2Q G2T1T2Q G2 G2T1T2Q G2 G2T1Q G4T3 G4T172 G4T1 G1 G3 G2 GX G2 GX G3
Laennecia turnerorum Lantana depressa var. depressa Lantana depressa var. depressa Lantana depressa var. sanibelenis Leavenworthia alabamica var. alabamica Leavenworthia alabamica var. brachystyla Leavenworthia crassa Leavenworthia crassa Leavenworthia crassa var. crassa Leavenworthia crassa var. elongata Leavenworthia crassa var. elongata Leavenworthia exigua var. laciniata Leavenworthia exigua var. laciniata Leavenworthia exigua var. laciniata Leavenworthia exigua var. lutea Leavenworthia exigua var. lutea	Very High Moderate	G1 G2T1 G2T1 G2T1 G2T2Q G2T1 G2T2Q G2T1T2Q G2 G2T1Q G4T13 G4T13 G4T1T2 G4T11 G1 G3 G2 GX GST3Q G1 G3 G2G3T2T3 G2G3T2T3 G3G4G G5772T3 G573CQ G2 G5772T3 G573CQ G2 G573CQ G3 G3 G3 G3 G4 G570CT3 G574CQ G7 G574CQ G7
Lantana depressa var. depressa Lantana depressa var. depressa Lantana depressa var. depressa Lantana depressa var. sanibelensis Leavenworthia alabamica var. alabamica Leavenworthia alabamica var. brachystyla Leavenworthia avarea Leavenworthia crassa var. crassa Leavenworthia crassa var. crassa Leavenworthia exigua var. laciniata Leavenworthia exigua var. laciniata Leavenworthia exigua var. lutea Leavenworthia e	Very High Moderate Wery High Moderate Wery High Moderate Wery High Moderate Very High Moderate	G1 G2T1 G2T1 G2T1 G2T1 G2T1Q G2T1CQ G2 G2T1CQ G2 G2T1Q G2T1Q G2T1Q G4T3 G4T17 G4T17 G1 G3 G2 G5
Laennecia turnerorum Laentana depressa var. depressa Lantana depressa var. depressa Lantana depressa var. sanibelensis Leavenworthia alabamica var. alabamica Leavenworthia alabamica var. alabamica Leavenworthia crassa var. crassa Leavenworthia crassa var. crassa Leavenworthia crassa var. erigua Leavenworthia evigua var. laciniata Leavenworthia evigua var. lutea Leavenworthia evigua var. virginica Lechea laielale Lechea maritima var. virginica Lechea maritima var. virginica Lechea pilioa ssp. pilosa Lenophyllum texanum Lepidum alyssoides var. angustifolium Lepidum alyssoides var. angustifolium Lepidum alyssoides var. angustifolium Lepidum lasiocarpum var. rotundum Lepidospartum burgessii Lepidogramma burksiorum Lesquerella angustifolia Lesquerella filiformis Lesquerella filiformis Lesquerella globosa	Very High Moderate Very High	G1 G2T1 G2T1 G2T1 G2T1 G2T2Q G2T172Q G2 G2T172Q G2 G2T10 G2T10 G2T10 G2T10 G4T3 G4T172 G4T1 G1 G3 G2 GX G5T3Q G1 G3 G2 G3 G3G4 G5772T3 G573Q G573Q G573Q G573Q G573Q G7
Laennecia turnerorum Lantana depressa var. depressa Lantana depressa var. depressa Lantana depressa var. sanibelensis Leavenworthia alabamica var. alabamica Leavenworthia alabamica var. brachystyla Leavenworthia crassa var. crassa Leavenworthia crassa var. crassa Leavenworthia crassa var. evigua Leavenworthia exigua var. soliniata Leavenworthia exigua var. laciniata Leavenworthia exigua var. lucia Leavenworthia exigua var. rucia Leavenworthia exigua var. rucia Leavenworthia exigua var. lucia Leavenworthia ex	Very High Noderate High Noderate High Noderate High Noderate Very High Noderate Very High Noderate Noderate Very High Noderate Noderate	G1 G2T1 G2T1 G2T1 G2T2Q G2T1 G2T2Q G2T1T2Q G2 G2T1Q G4T13 G4T13 G4T1T2 G4T11 G1 G3 G2 GX G5T3Q G1 G3 G2G3T2T3 G2G3T2 G3 G3G4 G1 G5T3Q G1 G5T3Q G1 G5T3Q G1 G5T3Q G1 G3 G2 G3
Laennecia turnerorum Lantana depressa var. depressa Lantana depressa var. depressa Lantana depressa var. sanibelenis Leavenworthia alabamica var. alabamica Leavenworthia alabamica var. alabamica Leavenworthia arasa Leavenworthia crassa var. crassa Leavenworthia crassa var. crassa Leavenworthia crassa var. exigua Leavenworthia crassa var. exigua Leavenworthia exigua var. laciniata Leavenworthia exigua var. laciniata Leavenworthia exigua var. lutea Leathea ilaelae Lechea ila	Very High Moderate Moderate High Moderate Moderate Very High Moderate Moderate Moderate Moderate Very High Moderate	G1 G2T1 G2T1 G2T1 G2T1 G2T2Q G2T1 G2T17Q G2 G2 G2T1Q G4T3 G4T13 G4T172 G4T1 G1 G3 G2 GX G5T3Q G1 G3 G2 GX G5T3Q G1 G3
Laennecia turnerorum Lantana depressa var. depressa Lantana depressa var. depressa Lantana depressa var. sanibelenis Leavenworthia alabamica var. alabamica Leavenworthia alabamica var. brachystyla Leavenworthia arasa Leavenworthia crassa var. elongata Leavenworthia crassa var. elongata Leavenworthia crassa var. elongata Leavenworthia exigua var. lacinista Leavenworthia exigua var. lacinista Leavenworthia exigua var. lutea Leavenworthia exigua var. leavenworthia exigua Leavenworthia exigua var.	Very High Moderate Very High Moderate Very High Moderate Very High Moderate High Moderate High Moderate Very High Moderate	G1 G2T1 G2T1 G2T1 G2T1 G2T1Q G2T1CQ G2 G2T1CQ G2 G2T1Q G2T1Q G2T1Q G4T3 G4T1T2 G4T1 G1 G3 G2 G5 G5 G7
Lantana depressa var. depressa Lantana depressa var. depressa Lantana depressa var. sanibelensis Leavenworthia alabamica var. alabamica Leavenworthia alabamica var. brachystyla Leavenworthia area Leavenworthia crassa var. crassa Leavenworthia crassa var. crassa Leavenworthia crassa var. elongata Leavenworthia crassa var. elongata Leavenworthia exigua var. laciniata Leavenworthia exigua var. lutea Leavenworthia exigua var. leavenworthia exigua var. lutea Leavenworthia exigua var. exigua Leavenworthia exigu	Very High Moderate Very High	G1 G2T1 G2T1 G2T1 G2T1 G2T2Q G2T1 G2T17Q G2 G2 G2T1Q G4T3 G4T13 G4T172 G4T1 G1 G3 G2 GX G5T3Q G1 G3 G2 GX G5T3Q G1 G3
Laennacia turnerorum Laentana depressa var. depressa Lantana depressa var. depressa Lantana depressa var. sanibelensis Leavenworthia alabamica var. alabamica Leavenworthia alabamica var. alabamica Leavenworthia crassa var. crassa Leavenworthia crassa var. crassa Leavenworthia crassa var. crassa Leavenworthia exigua var. laciniata Leavenworthia exigua var. lutea Leavenworthia exigua var. virginica Lechea lakelae Lechea lakelae Lechea maritima var. virginica Lechea leineria piliosa sp. pilosa Lechea mensalis Lechea leineria pilosa sp. pilosa Lenophyllum texanum Legidium alyssoides var. angustifolium Lepidojum alyssoides var. angustifolium Lepidojum alyssoides var. angustifolium Lepidojum lasiocarpum var. rotundum Lepidojum	Very High Moderate Very High Moderate Very High Moderate Very High Moderate High Moderate High Moderate Very High Moderate	G1 G2T1 G2T1 G2T1 G2T1 G2T1Q G2T1CQ G2 G2T1CQ G2 G2T1Q G2T1Q G2T1Q G4T3 G4T1T2 G4T1 G1 G3 G2 G5 G5 G7
Laennecia turnerorum Lantana depressa var. depressa Lantana depressa var. depressa Lantana depressa var. sanibelensis Leavenworthia alabamica var. alabamica Leavenworthia alabamica var. brachystyla Leavenworthia crassa var. crassa Leavenworthia crassa var. crassa Leavenworthia crassa var. elongata Leavenworthia exigua var. laciniata Leavenworthia exigua var. laciniata Leavenworthia exigua var. lucia Leavenworthia exigua var. rucia Leavenworthia exigua var. rucia Leatheria pilosa ssp. pozarkana Leitneria pilosa ssp. pilosa Leitneria pilosa ssp. pilosa Leitneria pilosa ssp. pilosa Leitneria pilosa viscida Leitpolium viscida Leitpolium viscida Leitpolium viscida Leitpolium viscida Leitpolium viscida Leitpolium pilosa viscida Leitpoli	Very High Moderate Very High	G1 G2T1 G2T1 G2T1 G2T1 G2T2Q G2T1 G2T2Q G2T1T2Q G2 G2T1Q G2T1Q G4T3 G4T3 G4T1 G1 G3 G2 GX G5T3Q G1 G3 G2G3T2 G3 G2G3T2 G3 G2G3T2 G3 G3 G3 G3 G4 G5772T3 G573Q G2 G3 G3 G3 G5772T3 G573Q G2 G3 G3 G3 G5772T3 G573Q G2 G3
Laennecia turnerorum Lantana depressa var. depressa Lantana depressa var. depressa Lantana depressa var. sanibelenis Leavenworthia alabamica var. alabamica Leavenworthia alabamica var. brachystyla Leavenworthia crassa var. crassa Leavenworthia crassa var. crassa Leavenworthia crassa var. exigua Leavenworthia crassa var. exigua Leavenworthia exigua var. laciniata Leavenworthia exigua var. laciniata Leavenworthia exigua var. lutea Leavenworthia exigua var. virginica Leachea filoridana Leitheria filoridana Leitheria filoridana Leitheria filoridana Leitheria pilosa ssp. ozarkana Leitheria pilosa ssp. pilosa Lengidium alyssoides var. angustifolium Lepidium leiscarpum var. rotundum Lepidium leiscarpum var. rotundum Lepidospartum burgessii Leptochloa viscida Leptogramma burksiorum Lesquerella angustifolia Lesquerella filiformis Lesquerella filiformis Lesquerella filiformis Lesquerella mosaughiana Lesquerella mosaughiana Lesquerella pallida Lesquerella pallida Lesquerella pallosa Lesquerella parforata Lesquerella stonensis	Very High Moderate	G1 G2T1 G2T1 G2T1 G2T2Q G2T1 G2T2Q G2T1T2Q G2 G2T1Q G4T3 G4T13 G4T1T2 G4T1 G1 G3 G2 GX G5T3Q G1 G3 G2G3T2T3 G2G3T2 G3 G3G4 G1 G3
Laennecia turnerorum Lantana depressa var. depressa Lantana depressa var. depressa Lantana depressa var. sanibelenis Leavenworthia alabamica var. alabamica Leavenworthia alabamica var. alabamica Leavenworthia arasa Leavenworthia crassa var. crassa Leavenworthia crassa var. crassa Leavenworthia crassa var. elongata Leavenworthia exigua var. lacinista Leavenworthia exigua var. lacinista Leavenworthia exigua var. lacinista Leavenworthia exigua var. lutea Leavensa lu	Very High Moderate High Moderate Very High Moderate	G1 G2T1 G2T1 G2T1 G2T1 G2T1Q G2T1CQ G2 G2T1CQ G2 G2T1CQ G2T1CQ G2T1CQ G2T1CQ G2T1CQ G4T3 G4T172 G4T1 G1 G3 G2 G5 G1 G3 G2 G3 G4 G1 G3 G3 G3 G4 G5 G6 G7 G7 G7 G7 G7 G7 G8 G8 G8 G8 G8 G9
Laennecia turnerorum Lantana depressa var. depressa Lantana depressa var. depressa Lantana depressa var. sanibelensis Leavenworthia alabamica var. alabamica Leavenworthia alabamica var. alabamica Leavenworthia crassa var. crassa Leavenworthia crassa var. crassa Leavenworthia crassa var. erigua Leavenworthia exigua var. laciniata Leavenworthia exigua var. laciniata Leavenworthia exigua var. laciniata Leavenworthia exigua var. luciniata Leavenworthia exigua var. virginica Lechea file aliaba Lechea file file file file file file file file	Very High Moderate Very High	G1 G2T1 G2T1 G2T1 G2T1 G2T2Q G2T1 G2T2Q G2T1T2Q G2 G2T1Q G4T3 G4T3 G4T3 G4T1 G1 G3 G2 GX G5T3Q G1 G3 G2G3T2T3 G2G3T2 G3 G2G3T2 G3 G2G3T2 G3 G3 G2G3T2T3 G3G4 G5T3Q G1 G3 G2 G3G4 G5T3Q G2 G3 G3 G2 G3G4 G5T3Q G2 G3
Laennecia turnerorum Lantana depressa var. depressa Lantana depressa var. depressa Lantana depressa var. sanibelensis Leavenworthia alabamica var. alabamica Leavenworthia alabamica var. alabamica Leavenworthia alabamica var. brachystyla Leavenworthia crassa var. crassa Leavenworthia crassa var. crassa Leavenworthia crassa var. elongata Leavenworthia exigua var. laciniata Leavenworthia exigua var. laciniata Leavenworthia exigua var. lutea Leavenworthia exigua var. virginica Lechea lailea Lepidium alyacidea Lesquerella densipila Lesquerella densipila Lesquerella lyrata Lesquerella movaughiana Lesquerella perforata Lesquerella thamnophila	Very High Noderate Very High Noderate Very High Noderate Very High Moderate Moderate Very High	G1 G2T1 G2T1 G2T1 G2T2Q G2T1 G2T2Q G2T1T2Q G2 G2T1Q G4T13 G4T13 G4T1T2 G4T11 G1 G3 G2 GX G5T3Q G1 G2G3T2T3 G2G3T2 G3
Laennecia turnerorum Lantana depressa var. depressa Lantana depressa var. depressa Lantana depressa var. sanibelensis Leavenworthia alabamica var. alabamica Leavenworthia alabamica var. brachystyla Leavenworthia crassa Leavenworthia crassa Leavenworthia crassa Leavenworthia crassa var. crassa Leavenworthia crassa var. elongata Leavenworthia crassa var. exigua Leavenworthia exigua var. laciniata Leavenworthia exigua var. laciniata Leavenworthia exigua var. lutea Leavenworthia exigua var. virginica Leachea laelalea Leachea larificina Leitheria pilota ssp. ozarkana Leitheria pilota ssp. pilosa Leitheria pilota ssp. pilosa Lenpidium layssoides var. angustifolium Lepidium layssoides var. angustifolium Lepidium layssoides var. angustifolium Lepidospartum burgessii Leptochloa viscida Leptogramma burlsiorum Lesquerella angustifolia Lesquerella angustifolia Lesquerella globosa Lesquerella globosa Lesquerella mozaughiana Lesquerella mozaughiana Lesquerella pallida Lesquerella pallida Lesquerella pallida Lesquerella stalida Lesquerella stalida Lesquerella stalida Lesquerella stalida Lesquerella stalida Lesquerella stalida Leucosyris blepharophylia Leucosyris blepharophylia	Very High Moderate	G1 G2T1 G2T1 G2T1 G2T1 G2T2Q G2T1 G2T2Q G2 G2T1Q G4T3 G4T13 G4T1T2 G4T3 G4T1T2 G4T1 G1 G3 G2 G2 G3 G4T1 G3 G2 G2 G3 G4 G1 G3
Laennecia turnerorum Lantana depressa var. depressa Lantana depressa var. depressa Lantana depressa var. sanibelenis Leavenworthia alabamica var. alabamica Leavenworthia alabamica var. alabamica Leavenworthia arasa Leavenworthia crassa var. crassa Leavenworthia crassa var. crassa Leavenworthia crassa var. elongata Leavenworthia crassa var. elongata Leavenworthia exigua var. laciniata Leavenworthia exigua var. laciniata Leavenworthia exigua var. laciniata Leavenworthia exigua var. laciniata Leavenworthia exigua var. lutea Leatheria pilosa sp. pilosa Lenteria pilosa sp. pilosa Lenteria pilosa sp. pilosa Lenteria pilosa sp. pilosa Lenteria pilosa sp. pilosa Lepidium lasiocarpum var. rotundum Lepidospartum burgessii Lepidospartum burgessii Leptochia visicida Leptogramma burksiorum Lepidospartum burgessii Leptogramma burksiorum Lesquerella filiformis Lesquerella filiformis Lesquerella filiformis Lesquerella filiformis Lesquerella svarida Lesquerella svarida Lesquerella perforata Lesquerella stonensis Lesquerella valida Leucosyris blepharophylla Leucosyris blepharophylla	Very High Moderate Very High Very High Very High Moderate Moderate Very High Moderate Mode	G1 G2T1 G2T1 G2T1 G2T1 G2T1 G2T1Q G2T1CQ G2 G2T1CQ G2T1CQ G2T1CQ G2T1CQ G2T1CQ G2T1CQ G2T1CQ G4T3 G4T1T2 G4T1T2 G4T1 G1 G3 G2 G3 G4T1C G3 G3 G3 G4 G1 G3
Lactuca hirouta var. albiffora Laennecia turnerorum Lantana depressa var. depressa Lantana depressa var. floridana Lantana depressa var. sanibelensis Leavenworthia alabamica var. alabamica Leavenworthia alabamica var. brachystyla Leavenworthia alabamica var. brachystyla Leavenworthia crassa var. crassa Leavenworthia crassa var. elongata Leavenworthia exigua var. sigua Leavenworthia exigua var. lucinista Leavenworthia revigua var. rucinista Lechea divaricata Lechea divaricata Lechea maritima var. virginica Lechea maritima var. virginica Lechea mensilis Leitheria pilicas sp., ozarkana Leitheria pilicas sp., pilosa Leitheria pilicas sp., pilosa Lenpohyllum tevanum Lepadium alysoides var. angustifolium Lepidium lasiocarpum var. rotundum Lepidium lasiocarpum var.	Very High Moderate Very High Very High Moderate Very High Moderate	G1 G2T1 G2T1 G2T1 G2T1 G2T2Q G2T1 G2T2Q G2T1T2Q G2 G2T1Q G4T3 G4T3 G4T1 G1 G3 G2 GX G5T3Q G1 G3 G2G3T2T3 G2G3T2 G3 G2G3T2 G3 G2G3T2 G3 G3 G2G3T2T3 G5T3Q G1 G1 G3 G5T3Q G2 G1 G3 G3 G2G3T2 G3 G3 G2G3T2 G3 G3 G3 G4 G5T3T3 G5T3T3 G5T3T3 G7 G7 G7 G8 G8 G9 G9 G1 G1 G3 G9 G9 G1 G1 G3 G3 G4 G5T3T3 G7 G7 G1 G1 G1 G3 G3 G4 G5T3T3 G7
Laennecia turnerorum Lantana depressa var. depressa Lantana depressa var. depressa Lantana depressa var. sanibelenis Leavenworthia alabamica var. alabamica Leavenworthia alabamica var. alabamica Leavenworthia arasa Leavenworthia crassa var. crassa Leavenworthia crassa var. crassa Leavenworthia crassa var. elongata Leavenworthia crassa var. elongata Leavenworthia exigua var. laciniata Leavenworthia exigua var. laciniata Leavenworthia exigua var. laciniata Leavenworthia exigua var. laciniata Leavenworthia exigua var. lutea Leatheria pilosa sp. pilosa Lenteria pilosa sp. pilosa Lenteria pilosa sp. pilosa Lenteria pilosa sp. pilosa Lenteria pilosa sp. pilosa Lepidium lasiocarpum var. rotundum Lepidospartum burgessii Lepidospartum burgessii Leptochia visicida Leptogramma burksiorum Lepidospartum burgessii Leptogramma burksiorum Lesquerella filiformis Lesquerella filiformis Lesquerella filiformis Lesquerella filiformis Lesquerella svarida Lesquerella svarida Lesquerella perforata Lesquerella stonensis Lesquerella valida Leucosyris blepharophylla Leucosyris blepharophylla	Very High Moderate Very High Very High Very High Moderate Moderate Very High Moderate Mode	G1 G2T1 G2T1 G2T1 G2T1 G2T1 G2T1Q G2T1CQ G2 G2T1CQ G2T1CQ G2T1CQ G2T1CQ G2T1CQ G2T1CQ G2T1CQ G4T3 G4T1T2 G4T1T2 G4T1 G1 G3 G2 G3 G4T1C G3 G3 G3 G4 G1 G3

Liatris cymosa	Very High	G2
Liatris elegans var. flabellata	High	G5T1T3Q
Liatris garberi	Moderate	G3
Liatris gholsonii	Very High	G1
Liatris glandulosa	High	G3
Liatris helleri	Very High	G2Q
Liatris microcephala	Moderate	G3G4
Liatris ohlingerae	Very High	G2
Liatris oligocephala	Very High	G1
Liatris patens	Moderate	G3G4
Liatris provincialis	Very High	G2
Liatris savannensis	Moderate	G3G4
	Moderate	G5T3
Liatris squarrosa var. compacta		
Liatris tenuis	Moderate	G3
Liatris turgida	Moderate	G3
Lilaeopsis carolinensis	Moderate	G3G5
Lilium grayi	Very High	G1G2
Lilium iridollae	Moderate	G3
Lilium pyrophilum	Very High	G2
Limnobium spongia	Moderate	G4
Limonium carolinianum var. angustatum	Very High	G5T1T2Q
Lindera melissifolia	High	G3
Lindera subcoriacea	Moderate	G3
Linum allredii	Very High	G1?
Linum arenicola	Very High	G1G2
Linum carteri var. carteri	Very High	G2T1
Linum carteri var. smallii	Very High	G2T2
Linum floridanum var. chrysocarpum	Moderate	G5?T3?
Linum lundellii	Moderate	G3
Linum macrocarpum	Very High	G2
Linum sulcatum var. harperi	Very High	G5T2
Linum westii	Very High	G1G2
Listera australis	Moderate	G4
Lithospermum confine	Moderate	G2G4
Lithospermum decipiens	Very High	G2
Litsea aestivalis	Moderate	G3?
Lobelia apalachicolensis	Moderate	G3
Lobelia batsonii	Moderate	G3
Lobelia boykinii	High	G2G3
Lobelia homophylla	Moderate	G3?
Lomariopsis kunzeana	Moderate	G2G4
		G3
Lophophora williamsii	High	
Lotus unifoliolatus var. helleri	Moderate	G5T3
Ludwigia brevipes	Very High	G2
Ludwigia curtissii	Moderate	G3G4
Ludwigia lanceolata	Moderate	G3
Ludwigia ravenii	Very High	G1G2
Ludwigia spathulata	Very High	G2
Lupinus westianus var. aridorum	Very High	G3T1
Lupinus westianus var. westianus	Moderate	G3T3
Lycium carolinianum var. carolinianum	Moderate	G4T3?
Lycium carolinianum var. quadrifidum	Moderate	G4T2T4
Lycium puberulum var. berberioides	Moderate	G4T3
Lycium texanum	Very High	G2
Lycopus cokeri	Moderate	G3
Lysimachia asperulifolia	Moderate	G3
Lysimachia fraseri	Moderate	G3
Lysimachia graminea	Very High	G1Q
Lysimachia lewisii	Very High	G2
Lysimachia loomisii		
	Moderate	G3?
Lythrum curtissii	Moderate Very High	G3? G2
Lythrum curtissii Lythrum flagellare	Moderate Very High Moderate	G3? G2 G3
Lythrum curtissii Lythrum flagellare Lythrum ovalifolium	Moderate Very High Moderate Moderate	G3? G2 G3 G3G4
Lythrum curtissii Lythrum flagellare Lythrum ovalifolium Macbridea alba	Moderate Very High Moderate Moderate Very High	G3? G2 G3 G3G4 G2
Lythrum curtissii Lythrum flagellare Lythrum ovalifolium	Moderate Very High Moderate Moderate	G3? G2 G3 G3G4
Lythrum curtissii Lythrum flagellare Lythrum ovalifolium Macbridea alba	Moderate Very High Moderate Moderate Very High	G3? G2 G3 G3G4 G2
Lythrum curtissii Lythrum flagellare Lythrum oxalifolium Macbridea alba Macbridea caroliniana	Moderate Sery High Moderate Moderate Very High High	G3? G2 G3 G3G4 G2 G2G3
Lythrum curtissii Lythrum flagellare Lythrum vosilifolium Macbridea alba Macbridea caroliniana Macanthera flammea	Moderate Serv High Moderate Moderate Serv High High Moderate	G3? G2 G3 G3G4 G2 G2G3 G3
Lythrum curtissii Lythrum flagellare Lythrum voalifolium Macbridea alba Macbridea caroliniana Macranthera flammea Macrosiphonia brachysiphon Magnolia acuminata var. subcordata	Moderate very High Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate	G3? G2 G3 G3G4 G2 G2 G3G3 G3 G3G4 G5T3Q
Lythrum curtissii Lythrum flagellare Lythrum ovalifolium Machridea alba Machridea caroliniana Macrathera flammea Macrosiphonia brachysiphon Magnolia acuminata var. subcordata Magnolia ashei	Moderate Very High Moderate Moderate Very High High Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate	G3? G2 G3 G3G4 G2 G2G3 G3 G3G4 G5T3Q G3
Lythrum curtissii Lythrum flagellare Lythrum ovalifolium Machridea alba Machridea caroliniana Macranthera flammea Macrosiphonia brachysiphon Magnolia acuminata var. subcordata Magnolia asteei Mahonia swaseyi	Moderate Seny High Moderate Moderate Very High Moderate	G3? G2 G3 G3 G3 G2 G2 G2 G2 G3
Lythrum curtissii Lythrum flagellare Lythrum ovalifolium Macbridea alba Macbridea alba Macbridea rodiniana Macranthera flammea Macrosiphonia brachysiphon Magnolia acuminata var. subcordata Magnolia sathei Magnolia sathei Magnolia vasseyi Malacothrix stebbinsii	Moderate Very High Moderate Very High High Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate High Moderate Moderate Moderate Moderate Moderate	G37 G2 G3 G3G4 G2 G2G3 G3 G3G4 G573Q G3 G3 G3 G3
Lythrum curtissii Lythrum flagellare Lythrum ovalifolium Macbridea alba Macbridea caroliniana Macranthera flammea Macrosiphonia brachysiphon Magnolia acuminata var. subcordata Magnolia ashei Malonia swaseyi Malacothrix stebbinsii Malaxis bayardii	Moderate Xery High Moderate Moderate Very High High Moderate Migh Leny High	G32 G3 G3 G3 G4 G2 G2 G3 G3 G3 G3 G3 G3 G3 G3 G3 G3 G3 G3 G3
Lythrum curtissii Lythrum fiagellare Lythrum ovalifolium Macbridea alba Macbridea caroliniana Macrathera flammea Macrosiphonia brachysiphon Magnolia acuminata var. subcordata Magnolia sasei Mahonia swaseyi Malacothris stabbinsii Malasis bayardii Malasis bayardii Malasis wardii	Moderate Very High Moderate Noderate Very High High Moderate	G37 G2 G3 G3 G3 G4 G2 G2 G2 G3
Lythrum curtissii Lythrum flagellare Lythrum ovalifolium Machridea alba Machridea caroliniana Macranthera flammea Macrosiphonia brachysiphon Magnolia acuminata var. subcordata Magnolia asteia Mahonia swaseyi Malacothrix stebbinsii Malaxis bayardii Malaxis bayardii Malaxis usayardii Malaxis swardii Malaxis swardii Malaxis swardii Malaxis swardii	Moderate Sery High Moderate Nery High High Moderate	G37 G2 G3 G3 G3 G4 G2 G2 G2 G3
Lythrum curtissii Lythrum flagellare Lythrum vosilifolium Macbridea dalba Macbridea caroliniana Macranthera flammea Macrosiphonia brachysiphon Magnolia acuminata var. subcordata Magnolia astei Mahonia swaseyi Malacothrix stebbinsii Malaxis wantii	Moderate Seny High Moderate Very High High Moderate	G37 G2 G3 G3 G3 G4 G2 G2 G2G3 G3 G
Lythrum curtissii Lythrum flagellare Lythrum vosilifolium Macbridea dalba Macbridea caroliniana Macranthera flammea Macrosiphonia brachysiphon Magnolia acuminata var. subcordata Magnolia astei Mahonia swaseyi Malacothrix stebbinsii Malaxis wantii	Moderate Sery High Moderate Nery High High Moderate	G37 G2 G3 G3 G3 G4 G2 G2 G2 G3
Lythrum curtissii Lythrum flagellare Lythrum voilfolium Macbridea alba Macbridea caroliniana Macranthera flammea Macroshonia brachysiphon Magnolia acuminata var. subcordata Magnolia ashei Mahonia swaseyi Malacothrik stebbinsii Malakis bayardii Malakis bayardii Malakis bayardii Malakis payardii	Moderate Seny High Moderate Very High High Moderate	G37 G2 G3 G3 G3 G4 G2 G2 G2 G3
Lythrum curtissii Lythrum liggellare Lythrum ovalifolium Macbridea alba Macbridea caroliniana Maccrathea flammea Macrosiphonia brachysiphon Magnolia acuminata var. subcordata Magnolia sahei Mahonia savaseyi Mahonia swaseyi Malacothris stebbinsii Malaxis bayardii Malaxis bayardii Malaxis angustifolia var. puberula Mammillaria heyderi var. meiacantha Mammillaria prolifera var. texana Mammillaria ordiffica var. rughtii	Moderate Sery High Moderate Migh Sery High Moderate Moderate Migh Moderate Moderate Migh Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate	G32 G3
Lythrum curtissii Lythrum fiagellare Lythrum oxalifolium Macbridea alba Macbridea caroliniana Macrathera flammea Macrosiphonia brachysiphon Magnolia acuminata var. subcordata Magnolia acuminata var. subcordata Magnolia sahei Mahonia swaseyi Malacothris stabbinii Malacis bayardii Malaxis bayardii Malaxis vendtii Mammillaria heyderi var. melacantha Mammillaria prolifera var. toxana Mammillaria verightii Manfreda longiflora	Moderate Very High Moderate Moderate Norderate Wery High High Moderate	G37 G2 G3 G3 G3 G3 G2 G2 G2 G3
Lythrum curtissii Lythrum tiggellare Lythrum voulifolium Macbridea caroliniana Macroshonia brachysiphon Magnolia acuminata var. subcordata Magnolia sacuminata var. subcordata Magnolia sacuminata var. subcordata Magnolia sacuminata var. subcordata Magnolia sahei Mahonia swaseyi Malacothrix stebbinisii Malacis bayardii Malaxis wendtii Malaxis magustifolia var. puberula Mammillaria heyderi var. melacantha Mammillaria projifera var. texana Mammillaria wrightii var. vrightii Manfreda longiflora Manfreda sileri	Moderate Sery High Moderate Moderate Nery High High Moderate High Sery High Moderate	G37 G2 G3 G3 G3 G4 G2 G2 G2 G3
Lythrum curtissii Lythrum flagellare Lythrum valifolium Macbridea alba Macbridea caroliniana Macranthera flammea Macroshonia brachysiphon Magnolia acuminata var. subcordata Magnolia sahei Mahonia swaseyi Malacothrix stebbinsii Mahonia swaseyi Malacothrix stebbinsii Malaxis wardii Malaxis wardii Malaxis wardii Malaxis wardii Malaxis wardii Mammillaria prolifera var. ruelacantha Mammillaria prolifera var. texana Mammillaria wrightii var. wrightii Manfreda logifora Manfreda silefri Manfreda virginica ssp. lata	Moderate Very High Moderate Migh Very High Very High Moderate Moderate Moderate Moderate High Very High Moderate	G32 G3
Lythrum curtissii Lythrum fiagellare Lythrum ovalifolium Macbridea alba Macbridea caroliniana Macrosiphonia brachysiphon Magnolia acuminata var. subcordata Magnolia sashei Mahonia swaseyi Mahonia swaseyi Malacothrix stabbinsii Malacothrix stabbinsii Malacothrix stabbinsii Malacothrix stabbinsii Malacia bayardii Malaxis bayardii Malaxis puntilia superii var. melacantha Mammillaria prolifera var. texana Mammillaria roviferi var. melacantha Mammillaria surghtii var. wrightii Manfreda longiflora Manfreda sileri Manfreda sileri Manfreda sileri	Moderate Very High Moderate Moderate Norderate Moderate High Very High Moderate High Very High Very High Moderate Moderate Moderate Moderate Moderate Moderate Moderate High Very High Moderate	G37 G2 G3
Lythrum curtissii Lythrum liggellare Lythrum volifolium Macbridea alba Macbridea caroliniana Macrosiphonia brachysiphon Magnolia acuninata var. subcordata Magnolia astei Mahonia swaseyi Mahacothrix stebbinsii Malaxis bayardii Malaxis bayardii Malaxis vendtii Malaxis vendtii Malaxis vendtii Malaxis wendtii Malaxis wendtii Malaxis wendtii Malaxis wendtii Manmillaria heyderi var. neiacantha Mammillaria prolifera var. taxana Mammillaria wrightii var. wrightii Manfreda iongiflora Manfreda iongiflora Manfreda iongiflora Manfreda var. taxana	Moderate Very High Moderate Noderate Very High High Moderate High Very High Very High Noderate High Very High Very High Very High Very High Very High Moderate High Very High	G37 G2 G3 G3 G3 G3 G2 G2 G2 G3
Lythrum curtissii Lythrum figellare Lythrum voulifolium Macbridea alba Macbridea caroliniana Macranthera fiammea Macrosphonia brachysiphon Magnolia acuminata var. subcordata Magnolia ashei Mahonia swaseyi Malacothrix stebbinsii Malaxis bayardii Malaxis bayardii Malaxis ruma malaxis war. subcordata Magnolia ashei Mahonia swaseyi Malaxis waseyi Malaxis waseyi Malaxis waseyi Malaxis bayardii Malaxis waseyi Manis was	Moderate Very High Moderate Nesy High High Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate High Very High Moderate Moderate Moderate Moderate High Very High	G37 G2 G3
Lythrum curtissii Lythrum flagellare Lythrum ovalifolium Macbridea alba Macbridea caroliniana Macrathera flammea Macrosiphonia brachysiphon Magnolia acuminata var. subcordata Magnolia acuminata var. subcordata Magnolia sashei Mahonia swaseyi Malacothrix stebbinsii Malaksi bayardii Malaksi bayardii Malaksi bayardii Malais un meliamina kanta	Moderate Very High Moderate Noderate Very High High Moderate High Very High Very High Noderate High Very High Very High Very High Very High Very High Moderate High Very High	G37 G2 G3 G3 G3 G3 G2 G2 G2 G3
Lythrum curtissii Lythrum flagellare Lythrum vosilifolium Macbridea dalba Macbridea caroliniana Macranthera flammea Macrosiphonia brachysiphon Magnolia acuminata var. subcordata Magnolia acuminata var. subcordata Magnolia ashei Mahonia swaseyi Malacothrix stebbinsii Malaxis waseyi Malaxis tayardii Malaxis wantiii Malaxis wantiii Malaxis wantiii Malaxis magnolia ashei Mammillaria prolifera var. tevana Mammillaria prolifera var. tevana Mammillaria wrighti var. wrightii Manfreda lorgifilora Manfreda virginica ssp. lata Manñeda lorgifilora Manfreda virginica ssp. lata Manñeda lagrandiflora Marshallia grandiflora Marshallia grandiflora Marshallia grandiflora Marshallia grandiflora Marshallia grandiflora Marshallia legrandii Marshallia legrandii Marshallia legrandii Marshallia legrandii	Moderate Very High Moderate Nesy High High Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate High Very High Moderate Moderate Moderate Moderate High Very High	G37 G2 G3
Lythrum curtissii Lythrum flagellare Lythrum ovalifolium Macbridea alba Macbridea caroliniana Macrosiphonia brachysiphon Magnolia acuminata var. subcordata Magnolia sashei Mahonia savaseyi Mahaola savaseyi Mahaola savaseyi Malacothris stabbinsii Malaxis bayardii Malaxis bayardii Malaxis bayardii Malaxis wardii Malaxis wardii Malaxis magustifolia var. puberula Mammillaria prolifera var. texana Mammillaria roviferi var. melacantha Mammillaria wrightii var. wrightii Manfreda ologiflora Manfreda viignica ssp. lata Manfreda viignica ssp. lata Manhot wallarae Manhallia grandiflora Manshallia grandiflora Manshallia Ingrandii Marshallia Ingrandii Marshallia Ingrandii Marshallia Ingrandii Marshallia pulchra	Moderate Sery, High Moderate Migh Sery, High Moderate Moderate High Sery, High Moderate Moderate Moderate Moderate Moderate High Sery, High Moderate Sery, High Moderate Sery, High Sery, High Sery, High Sery, High Moderate Sery, High Moderate Moderate Sery, High Moderate Moderate	G32 G3
Lythrum curtissii Lythrum liggellare Lythrum volificilium Macbridea alba Macbridea caroliniana Maccrathera flammea Macrosiphonia brachysiphon Magnolia curninata var. subcordata Magnolia suminata var. subcordata Magnolia sushei Mahonia swaseyi Malacothris stebbinsii Malasis swayardii Malasis bayardii Malasis wandii Mammillaria hyderi var. nelacantha Mammillaria prolifera var. texana Mammillaria prolifera var. texana Mammillaria yariphii var. wrightii Manfreda iongiflora Manfreda iongiflora Manfreda vignica sp. lata Maninot waliarae Marshallia grandiflora Marshallia lagrandii Marshallia mohrii Marshallia mohrii Marshallia mohrii Marshallia ramosa	Moderate Very High Moderate Noderate Very High High Moderate Very High Very High Very High Moderate High Very High Moderate High Moderate High Moderate High Very High Moderate Moderate High	G37 G2 G3
Lythrum curtissii Lythrum liggellare Lythrum vosilifolium Macbridea alba Macbridea caroliniana Macranthera fiammea Macrosphonia brachysiphon Magnolia acuminata var. subcordata Magnolia acuminata var. subcordata Magnolia ashei Mahonia swasayi Malacothrix stebbinsii Malausis bayardii Malausi bayardii Malausi bayardii Malausi war. subcordata Mammillaria magnolia ashei Mammillaria magnolia ashei Mammillaria hyderi var. nelacantha Mammillaria prolifera Manfreda illeri Manfreda sileri Manfreda virginica sp. lata Manfreda virginica sp. lata Manshallia lagrandii Marshallia lagrandii Marshallia lagrandii Marshallia lagrandii Marshallia pulchra Marshallia pulchra Marshallia pulchra Marshallia trinervia	Moderate Very High Moderate Norderate Very High High Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate High Very High Very High Very High Very High Very High Noderate	G37 G2 G3 G3 G3 G3 G2 G2 G2 G3
Lythrum curtissii Lythrum lagellare Lythrum lagellare Lythrum oslifolium Macbridea alba Macbridea caroliniana Macrosiphonia brachysiphon Magnolia acuminata var. subcordata Magnolia susesi Mahonia swaseyi Mammillaria heyderi var. nelacantha Mammillaria heyderi var. nelacantha Mammillaria wrightii var. wrightii Manfreda longifiora Manfreda virginica ssp. lata Manihot walkerae Marshallia grandfiora Marshallia grandfiora Marshallia prohrii Marshallia mohrii Marshallia ramosa Marshallia ramosa Marshallia ramosa Marshallia rimovia Matshallia rimovia	Moderate Very High Moderate Migh Very High Very High Moderate High Nery High Nery High Moderate Very High Nery High Moderate Very High Moderate	G32 G3 G
Lythrum curtissii Lythrum fiagellare Lythrum oxalifolium Macbridea alba Macbridea caroliniana Macrosiphonia brachysiphon Magnolia acuminata var. subcordata Magnolia sashei Mahonia savaseyi Mahaola savaseyi Mahaola savaseyi Malacothris stabbinsii Malaxis bayardii Malaxis bayardii Malaxis bayardii Malaxis wardii Malaxis wardii Malaxis magustifolia var. puberula Mammillaria neyderi var. melacantha Mammillaria neyderi var. melacantha Mammillaria surghtii var. wrightii Manfreda ologiflora Manfreda sileri Manfreda viignica spp. lata Mannhot wallarae Manshallia grandiflora Manshallia grandiflora Marshallia neyderi Marshallia mohrii Marshallia mohrii Marshallia mohrii Marshallia ramosa Manshallia i armosa Matshallia i trinervia Matelea alabamensis Matelea alabamensis	Moderate Very High Moderate Noderate Noderate Moderate High Very High Very High Moderate High Moderate High Very High Very High Very High Very High Noderate High Moderate Very High Very High Very High Very High Noderate Very High Noderate High Moderate High Moderate High Moderate Very High Very High Very High	G37 G2 G3
Lythrum curtissii Lythrum flagellare Lythrum oxalifolium Macbridea alba Macbridea caroliniana Macrathera flammea Macrosiphonia brachysiphon Magnolia acuminata var. subcordata Magnolia suminata var. subcordata Magnolia susawayi Malacothris stebbinii Malasis bayardii Malasis bayardii Malasis bayardii Malasis bayardii Malasis bayardii Malasis bayardii Malasis var. enelacantha Mammillaria heyderi var. melacantha Mammillaria prolifera var. tevana Mammillaria var. subcordata Mammillaria prolifera var. tevana Mammillaria prolifera var. tevana Mammillaria surghtii var. vrightii Manfreda iongiflora Manfreda iongiflora Manfreda sileri Manfreda sileri Manfreda sileri Manfreda iongiflora Manshallia grandiflora Marshallia grandiflora Marshallia lagrandii Marshallia pulchra Marshallia pulchra Marshallia pulchra Marshallia ramosa Marshallia ramosa Marshallia ramosa Matelea alabamenis Matelea alabamenis Matelea alabamenis Matelea alabamenis	Moderate Very High Moderate Noderate Very High High Moderate High Very High Very High Moderate High Moderate High Very High Moderate Moderate High Very High Moderate Moderate High Very High Moderate Moderate Moderate Very High Very High Very High Very High Very High Very High Moderate High Moderate High Moderate Very High Moderate Very High Moderate Very High Moderate Very High Very High Moderate Very High Very High Moderate	G37 G2 G3
Lythrum curtissii Lythrum fiagellare Lythrum ovalifolium Machridea alba Machridea caroliniana Macranthera flammea Macrosiphonia brachysiphon Magnolia acuminata var. subcordata Magnolia acuminata var. subcordata Magnolia ashei Mahonia swaseyi Malacothrix stebbinsii Malasis bayardii Malasis bayardii Malasis swardii Malasis swardii Malasis wandii Malasis wandii Malasis wandii Malasis swardii Malasis swardii Malasis supertifolia var. puberula Mammillaria heyderi var. meiacantha Mammillaria prolifera var. texana Mamfreda virginica sp. lata Manfreda virginica sp. lata Manfreda virginica sp. lata Manfreda virginica sp. lata Marshallia grandii Marshallia grandii Marshallia mohrii Marshallia mohrii Marshallia mohrii Marshallia rimervia Marshallia trinervia Marshallia trinervia Matelea alabamensis Matelea abstavicronata	Moderate Very High Moderate High Very High Moderate Moderate Moderate Moderate High Very High Very High Moderate Moderate High Moderate Migh Moderate	G32 G2 G3 G3G4 G2 G3G3 G3G4 G573Q G3 G3 G3G4 G573Q G3
Lythrum flagellare Lythrum voalfolium Macbridea alba Machridea caroliniana Macranthera flammea Macrosiphonia brachysiphon Magnolia acuminata var. subcordata Magnolia acuminata var. subcordata Magnolia suseie Mahonia swaseyi Malacothrix stebbinsii Malacis bayardii Malacis bayardii Malacis bayardii Malacis bayardii Malacis bayardii Malacis angustifolia var. puberula Mammillaria heyderi var. melacantha Mammillaria prolifera var. texana Mammillaria prolifera var. texana Mammillaria grandifora Manfreda longiflora Manfreda sileri Manfreda sileri Manfreda sileri Manfreda sileri Manfreda isileri Manshalia tegrandii Manshalia teranosa Manshalia trinervia Matelea alabamensis Matelea alabamensis	Moderate Very High Moderate Noderate Very High High Moderate High Very High Very High Moderate High Moderate High Very High Moderate Moderate High Very High Moderate Moderate High Very High Moderate Moderate Moderate Very High Very High Very High Very High Very High Very High Moderate High Moderate High Moderate Very High Moderate Very High Moderate Very High Moderate Very High Very High Moderate Very High Very High Moderate	G37 G2 G3

Matelea floridana	Very High	G2
Matelea hirtelliflora Matelea pubiflora	Moderate Moderate	G3? G3G4
Matelea pubifiora Matelea radiata	Woderate Very High	G3G4 G1
Matelea sagittifolia	Moderate	G3
Matelea texensis	Very High	G1
Melanthera ligulata	High	G1G3
Melanthera parvifolia Mespilus canescens	Very High Very High	G2Q G1Q
Mespilus canescens Micranthemum glomeratum	Moderate Moderate	G1Q G3?
Micranthemum micranthemoides	Very High	GH
Micranthes careyana	Moderate	G3
Micranthes caroliniana	Moderate	G3
Micranthes petiolaris var. shealyi Mimosa quadrivalvis var. nelsonii	Very High	G4G5T1
Minuartia cumberlandensis	High High	G5T1T3 G3
Minuartia godfreyi	Very High	G1
Mirabilis exaltata	Moderate	G3G4Q
Monarda austroappalachiana	Very High	G1
Monarda brevis	Very High	G1G2
Monarda luteola Monarda maritima	Very High Very High	G2 G2Q
Monarda punctata var. arkansana	Moderate	G5T3
Monarda viridissima	Moderate	G3
Monotropsis odorata	Moderate	G3
Monotropsis reynoldsiae	Very High	G2
Mortonia sempervirens Muhlenbergia glabrifioris	Moderate Moderate	G3 G4?
Muhlenbergia torreyana	High	G3
Muhlenbergia villiflora var. villosa	High	G5T3
Myriophyllum laxum	Moderate	G3
Najas filifolia	High	G3
Narthecium americanum Narthecium montanum	Very High	G2 GX
Nemastylis floridana	Very High Very High	GZ GZ
Nemastylis nuttallii	Moderate	G3
Nemophila sayersensis	Very High	G2
Nesaea longipes	High	G2G3
Neviusia alabamensis Nissolia platycalyx	High	G3 G3
Nissolia piatycalyx Nolina arenicola	High Very High	G2Q
Nolina atopocarpa	Moderate	G3
Nolina brittoniana	Moderate	G3
Nolina greenei	High	G2G3
Nothoscordum texanum Nuphar lutea ssp. orbiculata	High Moderate	G3? G5T3
Nuphar lutea ssp. orbiculata Nuphar lutea ssp. sagittifolia	Woderate Very High	G513 G5T2
Nuphar lutea ssp. ulvacea	High	G5T2T3
Nymphaea mexicana	Moderate	G3G4
Nyssa ursina	Moderate	G3
Oenothera argillicola	Moderate	G3G4
Oenothera coryi Oenothera coryi	Moderate Moderate	G3 G3
Oenothera curtissii	Moderate	G2G4
Oenothera fruticosa var. unguiculata	High	G5T2T3
Oenothera macrocarpa ssp. incana	Moderate	G5T3?
Oenothera microcarpa ssp. oklahomensis	Moderate Very High	G5T3? G5T2
Oenothera pilosella ssp. sessilis Oenothera riparia	Very High High	G5T2 G2G3
Okenia hypogaea	High	G3?
Onosmodium helleri	Moderate	G3
Onosmodium molle ssp. bejariense	Moderate	G4G5T3
Onosmodium molle ssp. molle	Moderate	G4G5T3
Opuntia aggeria Opuntia arenaria	Moderate Very High	G3G4 G2
Opuntia aireispina	Very High	G1
Opuntia chisosensis	Moderate	G2G4
Opuntia densispina	Very High	G1Q
Opuntia engelmannii var. flexospina	Very High	G5T1Q G5T1
Opuntia imbricata var. argentea Opuntia kunzei	Very High Moderate	G5T1 G3G4
Opuntia macrocentra var. macrocentra	Moderate	G3G4T3T4
Opuntia parishii	Moderate	G3G4
Opuntia phaeacantha var. camanchica	Moderate	G5T3T4
Opuntia spinosibacca	High	G3Q
Opuntia triacantha Opuntia valida	Moderate Moderate	G2G4 G3
Orbexilum lupinellum	Moderate	G3G4
Orbexilum macrophyllum	Very High	GX
Orbexilum stipulatum	Very High	GX
Orbexilum virgatum	Very High	G1
Osmorhiza mexicana ssp. bipatriata Ostrya chisosensis	Very High Very High	G5T1 G2
Ostrya chisosensis Oxalis alpina	Moderate Moderate	G2 G3G4
Oxalis macrantha	Moderate	G2G4
Oxypolis canbyi	Very High	G2
Oxypolis greenmanii	Moderate	G3
Oxypolis ternata Packera crawfordii	Moderate Very High	G3 G2
Packera crawfordii Packera hartiana	Moderate Moderate	G2 G3G4
Packera millefolia	High	G3
Packera serpenticola	Very High	G1
Packera texensis	Very High	G2

Palafoxia hookeriana var. hookeriana Palafoxia integrifolia Panax quinquefolius Panicum abscissum	22012/1000	CATOTA
Panax quinquefolius	Moderate	G4T3T4
Panax quinquefolius	Moderate	G3G4
	Moderate	G3G4
ramcum abscissum	Moderate	G3
e 1 11 11 11 11 11 11 11 11 11 11 11 11		
Panicum lithophilum	High	G2G3Q
Parietaria praetermissa	Moderate	G3G4
Parnassia asarifolia	Moderate	G4
Parnassia caroliniana	High	G3
Parnassia grandifolia	Moderate	G3
Paronychia americana ssp. americana	Moderate	G3G4T3T4
Paronychia chartacea ssp. chartacea	Moderate	G3T3
Paronychia chartacea ssp. minima	Very High	G3T1
Paronychia congesta	Very High	G1
Paronychia erecta var. corymbosa	Moderate	G3G4T2T4
Paronychia herniarioides	Moderate	G2G4
Paronychia jonesii	Moderate	G3G4
Paronychia lundelliorum	Very High	G1Q
Paronychia maccartii	Very High	GH
Paronychia patula	Moderate	G3G4
Paronychia rugelii var. interior	Very High	G2?T2?Q
Paronychia rugelii var. rugelii	Very High	G2?T2?
Paronychia virginica var. virginica	Very High	G4T1Q
Paronychia wilkinsonii	High	G2G3
Parthenium auriculatum	Moderate	G3G4
Parthenium integrifolium var. mabryanum	Moderate	G5T3
	Moderate	G4?
Paspalum dissectum	MONEY CO.	
Paspalum laxum	Moderate	G3G4
Passiflora pallens	Moderate	G3G4
Paxistima canbyi	Very High	G2?
Pectis linearifolia	Moderate	G3G4
Pediomelum cyphocalyx	Moderate	G3G4
Pediomelum digitatum var. parvifolium	Moderate	G5T3
Pediomelum humile	Very High	G1
Pediomelum pentaphyllum	Very High	G1G2
Pediomelum piedmontanum	Very High	G1
Pediomelum reverchonii	Moderate	G3
Pellaea glabella ssp. missouriensis	Very High	G5T1T2
Pellaea ternifolia ssp. arizonica	Moderate	G5T2T4
Peltandra sagittifolia	Moderate	G3G4
	High	G3G4T3
Peniocereus greggii var. greggii	with the second	
Penstemon alamosensis	High	G3
Penstemon ambiguus var. laevissimus	Moderate	G4G5T2T4
Penstemon cardinalis ssp. regalis	High	G3T2T3
Penstemon dissectus	Very High	G2
Penstemon guadalupensis	Moderate	G3
Penstemon kralii	Very High	G2
Penstemon oklahomensis	Moderate	G3
Penstemon ramosus	Moderate	G3G4Q
Penstemon smallii	Moderate	G3
Penstemon triflorus ssp. integrifolius	Very High	G3T2
Penstemon triflorus ssp. triflorus	Moderate	G3T3
Penstemon wrightii	Moderate	G3G4
Perideridia americana	Moderate	G4
Perityle aglossa	Moderate	G3G4
Perityle angustifolia	Moderate	G3G4
Perityle bisetosa var. appressa	Very High	G2T2
Perityle bisetosa var. bisetosa	Very High	G2T2
Perityle bisetosa var. bisetosa Perityle bisetosa var. scalaris	Very High	G2T2 G2T1
Perityle bisetosa var. scalaris		G2T1
Perityle bisetosa var. scalaris Perityle cinerea	Very High	G2T1 G2
Perityle bisetosa var. scalaris Perityle cinerea Perityle dissecta	Very High Very High	G2T1 G2 G2
Perityle bisetosa var. scalaris Perityle cinerea Perityle dissecta Perityle fosteri	Very High Very High Very High	G2T1 G2 G2 G1
Perityle bisetosa var. scalaris Perityle dissecta Perityle dissecta Perityle dissecta Perityle huecoensis	Very High Very High Very High Very High	G2T1 G2 G2 G1 G1
Perityle bisetosa var. scalaris Perityle dissecta Perityle dissecta Perityle dissectri Perityle huecoensis Perityle lindheimeri var. halimifolia	Very High Very High Very High	G2T1 G2 G2 G1
Perityle bisetosa var. scalaris Perityle dissecta Perityle dissecta Perityle dissecta Perityle huecoensis	Very High Very High Very High Very High	G2T1 G2 G2 G1 G1
Perityle bisetosa var. scalaris Perityle cinerea Perityle dissecta Perityle fosteri Perityle fueccensis Perityle lindheimeri var. halimifolia Perityle lindheimeri var. lindheimeri	Very High Very High Very High Very High Moderate	G2T1 G2 G2 G1 G1 G4T3Q
Perityle bisetosa var. scalaris Perityle cinerea Perityle dissecta Perityle fosteri Perityle fueccensis Perityle lindheimeri var. halimifolia Perityle lindheimeri var. lindheimeri	Very High Very High Very High Moderate Moderate	G2T1 G2 G2 G1 G1 G4T3Q G4T3T4 G4T3
Perityle bisetosa var. scalaris Perityle cinerea Perityle dissecta Perityle fosteri Perityle huecoensis Perityle huecoensis Perityle lindheimeri var. halimifolia Perityle lindheimeri var. lindheimeri Perityle rupestris var. albiflora Perityle rupestris var. rupestris	Very High Very High Very High Moderate Moderate Moderate Moderate Moderate	G2T1 G2 G2 G1 G1 G4T3Q G4T3T4 G4T3 G4T3
Perityle bisetosa var. scalaris Perityle dissecta Perityle dissecta Perityle fotseri Perityle huecoensis Perityle lindheimeri var. halimifolia Perityle lindheimeri var. lindheimeri Perityle rupestris var. albiflora Perityle rupestris var. rupestris Perityle vipestris var. rupestris	very High Very High Very High Very High Moderate Moderate Moderate Moderate Moderate Very High	G2T1 G2 G2 G1 G1 G1 G4T3G G4T3T4 G4T3 G4T3 G1
Perityle bisetosa var. scalaris Perityle dissecta Perityle dissecta Perityle fosteri Perityle huecoensis Perityle lindheimeri var. halimifolia Perityle lindheimeri var. halimifolia Perityle rupestris var. aubiflora Perityle rupestris var. rupestris Perityle viremontana Perityle viremontana	very High Very High Very High Very High Moderate Moderate Moderate Moderate Very High Very High Very High	G2T1 G2 G2 G1 G1 G4T3Q G4T3T4 G4T3 G4T3 G4T3 G1 G1 G1
Perityle bisetosa var. scalaris Perityle dissecta Perityle dissecta Perityle fosteri Perityle huecoensis Perityle lindheimeri var. halimifolia Perityle lindheimeri var. lindheimeri Perityle rupestris var. abiflora Perityle rupestris var. abiflora Perityle vitreomontana Perityle witreomontana Perityle witreomontana Perityle warnockii Persea humilis	Very High Very High Very High Moderate Very High Moderate	G2T1 G2 G2 G1 G1 G4T3Q G4T3T4 G4T3 G4T3 G4T3 G1 G1 G1 G1
Perityle bisetosa var. scalaris Perityle dissecta Perityle dissecta Perityle fosteri Perityle huecoensis Perityle lindheimeri var. hallimifolia Perityle lindheimeri var. lindheimeri Perityle rupestris var. albiflora Perityle rupestris var. rupestris Perityle varpestris var. rupestris Perityle varpestris var. rupestris Perityle varnockii Persea humilis Phacelia covillei	Very High Very High Very High Moderate	G2T1 G2 G2 G1 G1 G4T3Q G4T3T4 G4T3T G4T3 G1 G1 G1 G3
Perityle bisetosa var. scalaris Perityle dissecta Perityle dissecta Perityle fosteri Perityle huecoensis Perityle lindheimeri var. halimifolia Perityle lindheimeri var. lindheimeri Perityle rupestris var. abiflora Perityle rupestris var. abiflora Perityle vitreomontana Perityle witreomontana Perityle witreomontana Perityle warnockii Persea humilis	Very High Very High Very High Moderate Very High Moderate	G2T1 G2 G2 G1 G1 G4T3Q G4T3T4 G4T3 G4T3 G4T3 G1 G1 G1 G1
Perityle bisetosa var. scalaris Perityle dissecta Perityle dissecta Perityle fosteri Perityle huecoensis Perityle lindheimeri var. hallimifolia Perityle lindheimeri var. lindheimeri Perityle rupestris var. albiflora Perityle rupestris var. rupestris Perityle varpestris var. rupestris Perityle varpestris var. rupestris Perityle varnockii Persea humilis Phacelia covillei	Very High Very High Very High Moderate	G2T1 G2 G2 G1 G1 G4T3Q G4T3T4 G4T3T G4T3 G1 G1 G1 G3
Perityle bisetosa var. scalaris Perityle dissecta Perityle dissecta Perityle fosteri Perityle indheimeri var. halimifolia Perityle lindheimeri var. lindheimeri Perityle rupestris var. albiffora Perityle rupestris var. rupestris Perityle vipestris var. rupestris Perityle vipestris var. rupestris Perityle vipestris var. rupestris Perityle vipestris var. rupestris Perityle vibreomontana Perityle varnockii Persea humilis Phacelia covillei Phacelia dubia var. georgiana	Very High Very High Very High Very High Moderate	G2T1 G2 G2 G1 G1 G4T3Q G4T3T4 G4T3 G4T3 G1 G1 G1 G1 G3 G3 G5T3
Perityle bisetosa var. scalaris Perityle dissecta Perityle dissecta Perityle fosteri Perityle fuecoensis Perityle lindheimeri var. halimifolia Perityle lindheimeri var. halimifolia Perityle rupestris var. aubiffora Perityle rupestris var. aubiffora Perityle rupestris var. rupestris Perityle viteromontana Perityle warnockii Persea humilis Phacelia dubia var. georgiana Phacelia dubia var. riterior Phacelia dubia var. riterior	Very High Very High Very High Very High Moderate Moderate Moderate Moderate Moderate Very High Moderate	G2T1 G2 G2 G1 G1 G1 G4T3Q G4T3T4 G4T3 G1 G1 G1 G3 G3 G3 G5T3 G5T3T4 G5T3
Perityle bisetosa var. scalaris Perityle dissecta Perityle dissecta Perityle fosteri Perityle indheimeri var. halimifolia Perityle lindheimeri var. lindheimeri Perityle rupestris var. albiflora Perityle rupestris var. rupestris Perityle vitreomontana Perityle vitreomontana Perityle syamockii Peresa humilis Phacelia dubia var. georgiana Phacelia dubia var. georgiana Phacelia dubia var. rionensis Phacelia dubia var. rionensis	Very High Very High Very High Moderate	G2T1 G2 G2 G1 G1 G4T3Q G4T3T4 G4T3 G4T3 G4T3 G1 G1 G1 G3 G3 G5T3 G5T3 G5T3 G5T3 G3G4
Perityle bisetosa var. scalaris Perityle dissecta Perityle dissecta Perityle fotteri Perityle huecoensis Perityle lindheimeri var. halimifolia Perityle lindheimeri var. lindheimeri Perityle rupestris var. albiflora Perityle rupestris var. rupestris Perityle vitreomontana Perityle warnockii Persea humilis Phacelia dubia var. georgiana Phacelia dubia var. interior Phacelia dubia var. interior Phacelia dubia var. rionensis Phacelia dubia var. rionensis Phacelia dubia var. rionensis	very High Yery, High Yery, High Moderate Moderate Moderate Moderate Wery High Yery, High Moderate Wery High Moderate	G2T1 G2 G2 G1 G1 G1 G4T3Q G4T3T4 G4T3 G1 G1 G3 G3 G5T3 G5T3T4 G5T3 G5T3T4 G5T3
Perityle bisetosa var. scalaris Perityle dissecta Perityle dissecta Perityle fosteri Perityle fluorenais Perityle lindheimeri var. halimifolia Perityle lindheimeri var. halimifolia Perityle rupestris var. albiffora Perityle rupestris var. albiffora Perityle vupestris var. rupestris Perityle vupestris var. rupestris Perityle vuncokii Persea humilis Phacelia dubia var. georgiana Phacelia dubia var. interior Phacelia dubia var. rionensis Phacelia haculata Phacelia petiolata	Very High Very High Very High Very High Moderate Moderate Moderate Moderate Moderate Very High Moderate	G2T1 G2 G2 G1 G1 G1 G4T3Q G4T3T4 G4T3 G1 G1 G1 G3 G5T3 G3 G5T3T4 G5T3 G5T3T4 G5T3 G3G4 G2 G2
Perityle bisetosa var. scalaris Perityle dissecta Perityle dissecta Perityle fosteri Perityle fosteri Perityle lindheimeri var. halimifolia Perityle lindheimeri var. halimifolia Perityle rupestris var. albifilora Perityle rupestris var. albifilora Perityle vutreomontana Perityle warnockii Persea humilis Phacelia dubia var. georgiana Phacelia dubia var. ruterior Phacelia dubia var. ruterior Phacelia dubia var. rionensis Phacelia maculata Phacelia peltiolata Phacelia peltiolata Phacelia peltiolata	Very High Very High Very High Very High Moderate Moderate Moderate Moderate Very High Moderate Very High Moderate	G2T1 G2 G2 G1 G1 G1 G4T3Q G4T3T4 G4T3 G1 G1 G1 G1 G3 G3 G5T3 G5T3T4 G5T3 G5T3T4 G5T3 G5C2 G2 G5C3 G5C3 G5C3 G5C3 G5C3 G5C3 G5C3 G5C3
Perityle bisetosa var. scalaris Perityle dissecta Perityle dissecta Perityle fosteri Perityle fluorenais Perityle lindheimeri var. halimifolia Perityle lindheimeri var. halimifolia Perityle rupestris var. albiffora Perityle rupestris var. albiffora Perityle vupestris var. rupestris Perityle vupestris var. rupestris Perityle vuncokii Persea humilis Phacelia dubia var. georgiana Phacelia dubia var. interior Phacelia dubia var. rionensis Phacelia haculata Phacelia petiolata	Very High Very High Very High Very High Moderate Moderate Moderate Moderate Moderate Very High Moderate	G2T1 G2 G2 G1 G1 G1 G4T3Q G4T3T4 G4T3 G1 G1 G1 G3 G5T3 G3 G5T3T4 G5T3 G5T3T4 G5T3 G3G4 G2 G2
Perityle bisetosa var. scalaris Perityle dissecta Perityle dissecta Perityle fisteri Perityle huecoensis Perityle lindheimeri var. hallimifolia Perityle lindheimeri var. lindheimeri Perityle rupestris var. albiflora Perityle rupestris var. rupestris Perityle vitroemontana Perityle vitroemontana Perityle varnockii Persea humilis Phacelia dubia var. georgiana Phacelia dubia var. georgiana Phacelia fubia var. rionensis Phacelia maculata Phacelia pallida Phacella pallida Phacella pallida Phacella pallida Phacelopytachios var. sinuatus Phacelopytachios var. sinuatus	Very High Very High Very High Very High Moderate Moderate Moderate Moderate Very High Moderate Very High Moderate	G2T1 G2 G2 G1 G1 G1 G4T3Q G4T3T4 G4T3 G1 G1 G1 G1 G3 G3 G5T3 G5T3T4 G5T3 G5T3T4 G5T3 G5C2 G2 G5C3 G5C3 G5C3 G5C3 G5C3 G5C3 G5C3 G5C3
Perityle bisetosa var. scalaris Perityle dissecta Perityle dissecta Perityle fisteri Perityle huecoensis Perityle lindheimeri var. hallimifolia Perityle lindheimeri var. lindheimeri Perityle rupestris var. albiflora Perityle rupestris var. rupestris Perityle vitroemontana Perityle vitroemontana Perityle varnockii Persea humilis Phacelia dubia var. georgiana Phacelia dubia var. georgiana Phacelia fubia var. rionensis Phacelia maculata Phacelia pallida Phacella pallida Phacella pallida Phacella pallida Phacelopytachios var. sinuatus Phacelopytachios var. sinuatus	Very High Very High Very High Moderate Moderate Moderate Moderate Moderate Very High Moderate Very High Moderate	G2T1 G2 G2 G1 G1 G1 G4T3Q G4T3T4 G4T3 G4T3 G5T3 G5T3 G5T3T4 G5T3 G5T3T4 G5T3 G3G4 G2 G2 G5T37 G2
Perityle bisetosa var. scalaris Perityle dissecta Perityle dissecta Perityle dissecta Perityle fotteri Perityle huecoensis Perityle lindheimeri var. lallimifolia Perityle lindheimeri var. lindheimeri Perityle rupestris var. albiflora Perityle vitreomontana Phacelia dubia var. rupestris Phacelia dubia var. riorensis Phacelia peritolata Phacelia pelitolata Phaseolus texensis Phaseolus texensis Phemeranthus calcaricus Phemeranthus mengesii	very High Yery, High Yery, High Moderate Moderate Moderate Moderate Moderate Very High Moderate Very High Yery, High Moderate	G2T1 G2 G2 G1 G1 G1 G4T3Q G4T3T4 G4T3 G1 G1 G3 G3 G3 G5T3 G5T3T4 G5T3T4 G5T37 G2 G2 G3 G3
Perityle bisetosa var. scalaris Perityle dissecta Perityle dissecta Perityle dissecta Perityle fotseri Perityle huecoensis Perityle lindheimeri var. halimifolia Perityle lindheimeri var. halimifolia Perityle rupestris var. albiflora Perityle rupestris var. albiflora Perityle vipestris var. rupestris Perityle vitreomontana Perityle varmockii Persea humilis Phacelia dubia var. georgiana Phacelia dubia var. rionensis Phacelia dubia var. rionensis Phacelia petiolata Phacelia petiolata Phacelia petiolata Phaseolous polystachios var. sinuatus Phaseous texensis Phasenemanthus calcaricus Phemeranthus mengesii Phemeranthus mengesii Phemeranthus piedmontanus	Very High Very High Very High Very High Moderate Moderate Moderate Moderate Moderate Very High Moderate Very High Moderate Very High Moderate	G2T1 G2 G2 G1 G1 G1 G1 G4T3Q G4T3T4 G4T3 G1 G1 G1 G3 G3 G55T3 G55T3T4 G573 G2 G2 G2 G2 G3 G3 G3 G5T37 G2 G3 G3 G3 G5T37 G2 G3 G3 G3 G3 G3 G5T37 G2 G3 G3 G3 G3 G3 G3 G3 G5 G3 G3 G3 G3 G3
Perityle bisetosa var. scalaris Perityle dissecta Perityle dissecta Perityle dissecta Perityle fisteri Perityle huecoensis Perityle lindheimeri var. hallimifolia Perityle lindheimeri var. lindheimeri Perityle rupestris var. albiflora Perityle rupestris var. rupestris Perityle varnockii Perityle varnockii Perityle varnockii Perityle varnockii Phacelia dubia var. georgiana Phacelia dubia var. georgiana Phacelia dubia var. rionensis Phacelia maculata Phacelia pallida Phacelia pallida Phacelia pallida Phacelia pallida Phacelia pallida Phacelos pallida Phacelos pallida Phacelos pallida Phacelos perityle var. sinuatus Phemeranthus calcaricus Phemeranthus piedmontanus Phemeranthus piedmontanus	Very High Very High Very High Very High Moderate Moderate Moderate Moderate Very High Moderate Very High Moderate Very High Moderate	G2T1 G2 G2 G1 G1 G1 G4T3Q G4T3T4 G4T3 G1 G1 G1 G3 G3 G5T3 G5T3T4 G5T3 G5T3T4 G5T3 G2 G2 G5T37 G2 G3 G3 G3 G5T37 G2 G3 G3 G3 G5T37 G2 G3
Perityle bisetosa var. scalaris Perityle dissecta Perityle dissecta Perityle dissecta Perityle fotseri Perityle huecoensis Perityle huecoensis Perityle lindheimeri var. lindheimeri Perityle lindheimeri var. lindheimeri Perityle rupestris var. ara libifora Perityle rupestris var. rupestris Perityle rupestris var. rupestris Perityle varnockii Persa humilis Phacelia dobia var. georgiana Phacelia dubia var. georgiana Phacelia dubia var. interior Phacelia dubia var. rionensis Phacelia petiolata Phacelia petiolata Phacelia petiolata Phacelos polystachios var. sinuatus Phaseolus polystachios var. sinuatus Phaenaranthus mengesii Phemeranthus rugospermus Phemeranthus rugospermus Phemeranthus rugospermus Philadelphus crinitus	very High Yery, High Yery, High Moderate Moderate Moderate Moderate Moderate Very High Moderate	G2T1 G2 G2 G1 G1 G1 G4T3Q G4T3T4 G4T3 G4T3 G1 G1 G3 G3 G5T3T4 G5T3T4 G5T3T4 G5T3T4 G5T3T4 G5T3T4 G5T3T4 G7
Perityle bisetosa var. scalaris Perityle dissecta Perityle dissecta Perityle dissecta Perityle fotseri Perityle huecoensis Perityle lindheimeri var. lindheimeri Perityle lindheimeri var. lindheimeri Perityle rupestris var. albifflora Perityle rupestris var. albifflora Perityle vitreomontana Phacelia dubia var. rupestris Phacelia dubia var. riorensis Phacelia dubia var. riorensis Phacelia pallida Phacelia pallida Phacelia pallida Phacelia pallida Phaseolus texensis Phaseolus texensis Phemeranthus calcaricus Phemeranthus rugespermus Philmelelphus rinitus Philmelelphus rinitus Philmelelphus rinitus	Very High Very High Very High Very High Moderate Moderate Moderate Moderate Very High Moderate Very High Moderate Very High Moderate Very High Moderate Very High Moderate Moderate Moderate Moderate Very High Moderate Very High Moderate Moderate Very High Moderate	G2T1 G2 G2 G1 G1 G1 G4T3Q G4T3T4 G4T3T4 G4T3 G1 G1 G3 G3 G5T3 G5T3T4 G5T
Perityle bisetosa var. scalaris Perityle dissecta Perityle dissecta Perityle dissecta Perityle fotseri Perityle huecoensis Perityle lindheimeri var. lindheimeri Perityle lindheimeri var. lindheimeri Perityle rupestris var. albifflora Perityle rupestris var. albifflora Perityle vitreomontana Phacelia dubia var. rupestris Phacelia dubia var. riorensis Phacelia dubia var. riorensis Phacelia pallida Phacelia pallida Phacelia pallida Phacelia pallida Phaseolus texensis Phaseolus texensis Phemeranthus calcaricus Phemeranthus rugespermus Philmelelphus rinitus Philmelelphus rinitus Philmelelphus rinitus	very High Yery, High Yery, High Moderate Moderate Moderate Moderate Moderate Very High Moderate	G2T1 G2 G2 G1 G1 G1 G4T3Q G4T3T4 G4T3 G4T3 G1 G1 G3 G3 G5T3T4 G5T3T4 G5T3T4 G5T3T4 G5T3T4 G5T3T4 G5T3T4 G7
Perityle bisetosa var. scalaris Perityle dissecta Perityle dissecta Perityle dissecta Perityle huecoensis Perityle lindheimeri var. halimifolia Perityle lindheimeri var. halimifolia Perityle lindheimeri var. lindheimeri Perityle rupestris var. albiflora Perityle vitreomontana Phacelia dubia var. rupestris Phacelia dubia var. rionensis Phacelia patiolata Phacelia patiolata Phacelia patiolata Phaseolus texensis Phaseous texensis Phemeranthus calcaricus Phemeranthus calcaricus Phemeranthus rugospermus Philiadelphus crinitus Philadelphus crinitus Philadelphus sorinitus Philadelphus sorinitus Philadelphus sorinitus	Very High Very High Very High Very High Moderate Moderate Moderate Moderate Very High Moderate Very High Moderate Very High Moderate Very High Moderate Very High Moderate Moderate Moderate Moderate Very High Moderate Very High Moderate Moderate Very High Moderate	G2T1 G2 G2 G1 G1 G1 G4T3Q G4T3T4 G4T3T4 G4T3 G1 G1 G3 G3 G5T3 G5T3T4 G5T37 G5T37 G5T37 G2 G2 G3 G3 G3 G5T37 G2 G3 G3 G3 G5T37 G2 G3 G3 G3 G1 G3 G3 G3 G5T37 G2 G3
Perityle bisetosa var. scalaris Perityle dissecta Perityle dissecta Perityle dissecta Perityle fisteri Perityle huecoensis Perityle lindheimeri var. hallimifolia Perityle lindheimeri var. lindheimeri Perityle rupestris var. albiflora Perityle rupestris var. rupestris Perityle varnockii Perityle varnockii Perityle varnockii Perityle varnockii Perityle varnockii Phacelia dubia var. georgiana Phacelia dubia var. georgiana Phacelia dubia var. georgiana Phacelia pubia var. ronensis Phacelia maculata Phacelia pallida Phacella pallida	Very High Very High Very High Very High Moderate Moderate Moderate Moderate Moderate Very High Moderate Very High Moderate Migh Moderate	G2T1 G2 G2 G1 G1 G1 G1 G4T3Q G4T3T4 G4T3 G1 G1 G1 G3 G3 G5T3 G5T3T4 G5T3 G5T3T4 G5T3 G2 G2 G2 G2 G3 G5T3? G2 G3 G5T3? G2 G3 G1 G3 G3 G1 G1 G1 G3 G3 G3 G5T3 G2 G2 G2 G2 G2 G3 G3 G5T3 G2 G3 G1 G3
Perityle bisetosa var. scalaris Perityle dissecta Perityle dissecta Perityle dissecta Perityle fuseca Perityle rupestris var. albiflora Perityle rupestris var. albiflora Perityle rupestris var. rupestris Perityle vupestris var. rupestris Perityle vursemontana Perityle vursemontana Perityle warnockii Perasea humilis Phacelia dubia var. georgiana Phacelia dubia var. georgiana Phacelia dubia var. interior Phacelia dubia var. interior Phacelia dubia var. rionensis Phacelia petiolata Phacelia petiolata Phacelia petiolata Phaceolus polystachios var. sinuatus Phaceolus texensis Phemeranthus mengesii Phemeranthus rugospermus Philadelphus droidus Philadelphus starpianus Philadelphus starpianus Philadelphus starpianus Philadelphus texensis var. ernestii Philadelphus texensis var. texensis	very High Yery, High Yery, High Moderate Yery, High Moderate Yery, High Moderate Moderate Moderate Moderate Yery, High Woderate	G2T1 G2 G2 G1 G1 G1 G4T3Q G4T3T4 G4T3 G4T3 G1 G1 G3 G3 G5T3 G5T3T4 G5T3T4 G5T3 G5T3T4 G5T3 G3G4 G2 G2 G2 G3
Perityle bisetosa var. scalaris Perityle dissecta Perityle dissecta Perityle dissecta Perityle fotteri Perityle huecoensis Perityle lindheimeri var. halimifolia Perityle lindheimeri var. halimifolia Perityle rupestris var. albiflora Perityle rupestris var. albiflora Perityle rupestris var. rupestris Perityle vitreomontana Perityle warnockii Persea humillis Phacelia dubia var. georgiana Phacelia dubia var. georgiana Phacelia dubia var. interior Phacelia dubia var. interior Phacelia patiolata Phacelia petiolata Phacelia petiolata Phaseolus texensis Phameranthus negesii Phemeranthus negesii Phemeranthus negesii Phemeranthus rupospermus Philadelphus floridus Philadelphus stenisus Philadelphus texensis var. texensis Philadelphus texensis var. texensis Philadelphus texensis var. texensis Philadelphus texensis var. texensis	Very High Very High Very High Very High Moderate Moderate Moderate Moderate Very High Moderate Very High Moderate Very High Moderate Moderate Very High Moderate Very High Moderate Moderate Moderate Moderate Moderate Moderate Moderate Very High Moderate Very High Moderate Very High Moderate Very High Moderate Very High Moderate Very High Moderate	G2T1 G2 G2 G1 G1 G1 G1 G4T3Q G4T3T4 G4T3 G1 G1 G1 G3 G3 G3 G5T3 G5T3T4 G5T3 G5T3T4 G5T3 G2 G2 G3 G3 G3 G3 G3 G1 G1 G1 G1 G1 G3 G3 G3 G3 G5T3 G5T3T4 G5T3 G5T3T4 G5T3 G5T3T4 G5T3 G5T3T4 G5T3 G5T3T4 G5T3 G5T3T4 G5T3 G5T3 G5T3 G7
Perityle bisetosa var. scalaris Perityle disecta Perityle disecta Perityle disecta Perityle fotseri Perityle huecoensis Perityle lindheimeri var. halimifolia Perityle lindheimeri var. halimifolia Perityle lindheimeri var. lindheimeri Perityle rupestris var. albifora Perityle rupestris var. rupestris Perityle vitreomontana Perityle warnockii Persea humilis Phacelia dubia var. georgiana Phacelia dubia var. interior Phacelia dubia var. interior Phacelia dubia var. interior Phacelia petiolata Phacelia peti	Very High Very High Very High Very High Moderate Moderate Moderate Moderate Moderate Very High Moderate High	G2T1 G2 G2 G1 G1 G1 G1 G4T3Q G4T3T4 G4T3 G1 G1 G1 G3 G3 G5T3 G5T3T4 G5T3T4 G5T3T4 G5T3T4 G5T3T4 G5T3T4 G5T3T4 G5T3T4 G5T3T4 G5T3 G5T3T4 G5T5T5 G5T3T4 G5T5T5 G5T5T5 G5T5T5 G5T5T5 G5T5T5 G5T3T5 G5T5T5
Pertyle bisetosa var. scalaris Pertyle dissecta Pertyle dissecta Pertyle dissecta Pertyle fusecanis Pertyle indheimeri var. halimifolia Pertyle lindheimeri var. halimifolia Pertyle rupestris var. albiffora Pertyle rupestris var. albiffora Pertyle rupestris var. rupestris Pertyle vareostis Phacelia dubia var. georgiana Phacelia dubia var. georgiana Phacelia dubia var. georgiana Phacelia dubia var. ronensis Phacelia pallida Philadelphus sternitus Philadelphus sternitus Philadelphus sternis var. ernestii Philadelphus tevensis var. tevensis Philos blida sep. stellaria Philos blida sep. stellaria	Very High Very High Very High Very High Moderate Moderate Moderate Moderate Moderate Very High Moderate Very High Moderate High Moderate High Moderate	G2T1 G2 G2 G1 G1 G1 G1 G4T3Q G4T3T4 G4T3 G1 G1 G1 G1 G3 G3 G5T3 G5T3T4 G5T3 G5T3T4 G5T3 G3G4 G2 G2 G2 G2 G1 G3
Perityle bisetosa var. scalaris Perityle cinerea Perityle disecta Perityle disecta Perityle foteri Perityle indheimeri var. halimifolia Perityle lindheimeri var. halimifolia Perityle lindheimeri var. lindheimeri Perityle rupestris var. albiffora Perityle rupestris var. albiffora Perityle rupestris var. rupestris Perityle vitreomontana Perityle vareomontana Perityle varnockii Perisea humilis Phacelia dubia var. georgiana Phacelia dubia var. georgiana Phacelia dubia var. interior Phacelia dubia var. interior Phacelia pallida Phacelia pallida Phacelia pallida Phacelia potiolata Phaseolus polystachios var. sinuatus Phaseolus polystachios var. sinuatus Phameranthus mengesii Phemeranthus nengesii Phemeranthus rupespermus Philadelphus droiridus Philadelphus droiridus Philadelphus sharpianus Philadelphus sharpianus Philadelphus texensis var. texensis Philox bückleyi Phlox bückleyi Phlox bückleyi Phlox bückleyi Phlox bückleyi Phlox bückleyi Phlox bückleyi	very High Yery, High Yery, High Yery, High Moderate Very High Moderate Moderate Moderate Moderate Moderate Moderate	G2T1 G2 G2 G1 G1 G1 G1 G4T3Q G4T3T4 G4T3 G4T3 G1 G1 G3 G3 G3 G5T3 G5T3T4 G5T3T4 G5T3T4 G5T3 G3G4 G2 G2 G3
Pertyle bisetosa var. scalaris Pertyle dissecta Pertyle dissecta Pertyle dissecta Pertyle fusecanis Pertyle indheimeri var. halimifolia Pertyle lindheimeri var. halimifolia Pertyle rupestris var. albiffora Pertyle rupestris var. albiffora Pertyle rupestris var. rupestris Pertyle vareostis Phacelia dubia var. georgiana Phacelia dubia var. georgiana Phacelia dubia var. georgiana Phacelia dubia var. ronensis Phacelia pallida Philadelphus sternitus Philadelphus sternitus Philadelphus sternis var. ernestii Philadelphus tevensis var. tevensis Philos blida sep. stellaria Philos blida sep. stellaria	Very High Very High Very High Very High Moderate Moderate Moderate Moderate Moderate Very High Moderate Very High Moderate High Moderate High Moderate	G2T1 G2 G2 G1 G1 G1 G1 G4T3Q G4T3T4 G4T3 G1 G1 G1 G1 G3 G3 G5T3 G5T3T4 G5T3 G5T3T4 G5T3 G3G4 G2 G2 G2 G2 G1 G3

Phlox oklahomensis	Moderate	G3
Phlox pilosa ssp. deamii	Moderate	G5T3T4
Phlox pulchra	Very High	G1
Phoebanthus grandiflorus	Moderate	G3G4
Phoebanthus tenuifolius	Moderate	G3
Phoradendron hawksworthii	Moderate	G3
Phyla stoechadifolia	Moderate	G3G4
Phyllanthopsis arida	Very High	G2Q
Phyllanthus abnormis var. riograndensis	Moderate	G5T3
Phyllanthus ericoides	Very High	G2
Phyllanthus liebmannianus ssp. platylepis	Very High	G4T2
Phyllanthus pentaphyllus var. floridanus	Very High	G4T2
Physalis angustifolia	Moderate	G3G4
Physalis arenicola	Moderate	G3?
Physalis carpenteri	Moderate	G3
Physalis lanceolata	Moderate	G3
Physalis macrosperma	Moderate	G3G4
Physalis missouriensis	Very High	G2
Physostegia correllii	Very High	G2
Physostegia godfreyi	Moderate	G3
Physostegia longisepala	High	G2G3
Pilea pumila var. deamii	Moderate	G5T2T4
Piloblephis rigida	Moderate	G3G4
Pilosocereus robinii var. deeringii	Very High	G1T1Q
Pilosocereus robinii var. robinii	Very High	G1T1Q
Pinaropappus parvus	Moderate	G3
Pinguicula ionantha	Very High	G2
	Moderate	G3?
Pinguicula planifolia		
Pinguicula primuliflora	Moderate	G3G4
Pinguicula pumila	Moderate	G4
Pinus arizonica var. stormiae	High	G4T3
Pisonia rotundata	High	G1G3
Pityopsis flexuosa	Moderate	G3
Pityopsis oligantha	Very High	G2?
Pityopsis ruthii	Very High	G1
Plantago cordata	Moderate	G4
Plantago sparsiflora	Moderate	G3
Platanthera blephariglottis var. conspicua	Moderate	G5T4
Platanthera chapmanii	Very High	G2
Platanthera flava var. flava	Moderate	G4?T4?Q
Platanthera flava var. herbiola	Moderate	G4?T4Q
Platanthera integra	Moderate	G3G4
Platanthera integrilabia	High	G2G3
Platanthera leucophaea	High	G2G3
Platanthera nivea	Moderate	G3G4
Platanthera praeclara	High	G3
lace of the second	and the season	
Platanthera shriveri	Very High	G1
Pluchea longifolia	Moderate Moderate	G1 G3G4
Pluchea longifolia	Moderate	G3G4
Pluchea longifolia Poa paludigena	Moderate Moderate	G3G4 G3G4
Pluchea longifolia Poa paludigena Poa strictiramea	Moderate Moderate High	G3G4 G3G4
Pluchea longifolia Poa paludigena Poa strictiramea Polanisia dodecandra ssp. riograndensis	Moderate Moderate High Moderate	G3G4 G3G4 G3 G5T3
Pluchea longifolia Poa paludigena Poa strictiramea Polanisia dodecandra ssp. riograndensis Polanisia erosa ssp. breviglandulosa	Moderate Moderate High	G3G4 G3G4
Pluchea longifolia Poa paludigena Poa strictiramea Polanisia dodecandra ssp. riograndensis	Moderate Moderate High Moderate	G3G4 G3G4 G3 G5T3
Pluchea longifolia Poa paludigena Poa strictiramea Polanisia dodecandra ssp. riograndensis Polanisia erosa ssp. breviglandulosa	Moderate Moderate High Moderate Moderate	G3G4 G3G4 G3 G5T3 G5T3T4
Pluchea longifolia Poa paludigena Poa strictiramea Polanisia dodecandra ssp. riograndensis Polanisia erosa ssp. breviglandulosa Polemonium paucifiorum ssp. hinckleyi Polemonium reptans var. villosum	Moderate Moderate High Moderate Moderate Very High Moderate	G3G4 G3G4 G3 G5T3 G5T3T4 G3G5T2Q G5T3T4
Pluchea longifolia Poa paludigena Poa strictiramea Polansia dodecandra ssp. riograndensis Polansia erosa ssp. breviglandulosa Polemonium pauciflorum ssp. hinckleyi Polemonium reptans var. villosum Polemonium vanbruntiae	Moderate Moderate High Moderate Moderate Yery High Moderate Moderate Moderate	G3G4 G3G4 G3 G5T3 G5T3T4 G3G5T2Q G5T3T4 G3G4
Pluchea longifolia Poa paludigena Poa strictiramea Polanisia dodecandra ssp. riograndensis Polanisia erosa ssp. breviglandulosa Polemonium pauciflorum ssp. hinckleyi Polemonium reptans var. villosum Polemonium vanbruntiae Polygala boykinii var. sparsifolia	Moderate Moderate High Moderate Wern High Moderate Wern High Moderate Moderate Moderate Moderate Moderate Moderate Moderate	G3G4 G3G4 G3 G5T3 G5T3T4 G3G4 G4T2Q
Pluchea longifolia Poa strictiramea Polanisia dodecandra ssp. riograndensis Polanisia erosa ssp. breviglandulosa Polemonium pauciflorum ssp. hinckleyi Polemonium reptans var. villosum Polemonium reptans var. villosum Polemonium vanbruntiae Polygala boykinii var. sparsifolia Polygala hookeri	Moderate Moderate High Moderate Moderate Moderate Moderate Very High Moderate Yory High Moderate Yory High Moderate	G3G4 G3G4 G3 G5T3 G5T3T4 G3G5T2Q G5T3T4 G3G4 G4T2Q G3
Pluchea longifolia Poa paludigena Poa strictiramea Polanisia dodecandra ssp. riograndensis Polanisia erosa ssp. breviglandulosa Polemonium pauciflorum ssp. hinckleyi Polemonium reptans var. villosum Polemonium vanbruntiae Polygala boykinii var. sparsifolia	Moderate Moderate High Moderate Wern High Moderate Wern High Moderate Moderate Moderate Moderate Moderate Moderate Moderate	G3G4 G3G4 G3 G5T3 G5T3T4 G3G4 G4T2Q
Pluchea longifolia Poa strictiramea Polanisia dodecandra ssp. riograndensis Polanisia erosa ssp. breviglandulosa Polemonium pauciflorum ssp. hinckleyi Polemonium reptans var. villosum Polemonium reptans var. villosum Polemonium vanbruntiae Polygala boykinii var. sparsifolia Polygala hookeri	Moderate Moderate High Moderate Moderate Moderate Moderate Very High Moderate Yory High Moderate Yory High Moderate	G3G4 G3G4 G3 G5T3 G5T3T4 G3G5T2Q G5T3T4 G3G4 G4T2Q G3
Pluchea longifolia Poa strictiramea Polanisia dodecandra ssp. riograndensis Polanisia dodecandra ssp. riograndensis Polanisia erosa ssp. breviglandulosa Polemonium pauciflorum ssp. hinckleyi Polemonium reptans var. villosum Polemonium reptans var. villosum Polyagala boykinii var. sparsifolia Polygala boykinii var. sparsifolia Polygala loptostachys	Moderate Moderate High Moderate	G3G4 G3G4 G3 G5131 G51314 G3G512Q G51314 G3G4 G412Q G3
Pluchea longifolia Poa paludigena Poa strictiramea Polanisia dodecandra ssp. riograndensis Polanisia erosa ssp. breviglandulosa Polemonium paucifiorum ssp. hinckleyi Polemonium reptans var. villosum Polemonium vanbruntiae Polygala boykinii var. sparsifolia Polygala losokeri Polygala leptostachys Polygala leptostachys	Moderate Moderate High Moderate Moderate Very High Moderate	G3G4 G3G4 G3 G5T3 G5T3T4 G3G5T2Q G5T3T4 G3G4 G4T2Q G3 G3 G3G4 G2
Pluchea longifolia Poa strictiramea Polanisia dodecandra ssp. riograndensis Polanisia erosa ssp. breviglandulosa Polemonium pauciflorum ssp. hinckleyi Polemonium reptans var. viliosum Polemonium reptans var. viliosum Polemonium vanbruntiae Polygala hookeri Polygala leptostachys Polygala leptostachys Polygala leptostachys Polygala levatonii Polygala levatonii Polygala maravillasensis	Moderate Moderate High Moderate Moderate Moderate Very High Moderate Very High Moderate Moderate Very High Moderate Very High Moderate Moderate Lene High Moderate Lene High	G3G4 G3G4 G3 G513 G51314 G3G512Q G51314 G3G4 G412Q G3 G3G4 G3G4 G2 G41314 G2
Pluchea longifolia Poa paludigena Poa strictiramea Polanisia dodecandra ssp. riograndensis Polanisia eroca ssp. breviglandulosa Polemonium pauciflorum ssp. hinckleyi Polemonium reptans var. villosum Polemonium reptans var. villosum Polygala boykinii var. sparsifolia Polygala hookeri Polygala leptostacitys Polygala lieptostacitys Polygala lindheimeri var. parvifolia Polygala lindheimeri var. parvifolia Polygala maravillasensis Polygala palmeri	Moderate Moderate High Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Very High Moderate Moderate Moderate Sery High Moderate Very High Moderate Very High Moderate Very High High	G3G4 G3G4 G3 G5131 G51314 G3G512Q G51314 G3G4 G412Q G3 G3G4 G412Q G3 G3G4 G2 G41314 G2 G3G4 G2 G41314
Pluchea longifolia Poa paludigena Poa strictiramea Polanisia dodecandra ssp. riograndensis Polanisia odecandra ssp. riograndensis Polanisia odecandra ssp. hreviglandulosa Polemonium pauciflorum ssp. hinckleyi Polemonium reptans var. villosum Polemonium reptans var. villosum Polyagala boykinii var. sparsifolia Polygala boykinii var. sparsifolia Polygala leptostachys Polygala leptostachys Polygala lindheimeri var. parvifolia Polygala lindheimeri var. parvifolia Polygala plindheimeri var. parvifolia Polygala palmeri Polygala rimulicola var. rimulicola	Moderate Moderate High Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Very High High High	G3G4 G3G4 G3 G5T3 G5T3T4 G3G5T2Q G5T3T4 G3G4 G4T2Q G3 G4T2Q G3 G4T2Q G3 G3G4 G2 G4T3T4 G2 G4T3T4 G2 G4T3T4
Pluchea longifolia Poa paludigena Poa strictiramea Polanisia dodecandra ssp. riograndensis Polanisia dodecandra ssp. riograndensis Polanisia erosa ssp. breviglandulosa Polemonium pauciflorum ssp. hinckleyi Polemonium reptans var. villosum Polemonium reptans var. villosum Polemonium ranbruntiae Polygala boykinii var. sparsifolia Polygala hookeri Polygala leptostachys Polygala leptostachys Polygala lindheimeri var. parvifolia Polygala maravillasensis Polygala palmeri Polygala simulicola var. rimulicola Polygala setacea	Moderate Moderate High Moderate	G3G4 G3G4 G3 G5T3 G5T3T4 G3G5T2Q G5T3T4 G3G4 G4T2Q G3 G3G4 G4T2Q G3 G3G4 G2 G4T3T4 G2 G3 G3G4 G2 G4T3T4 G2 G3 G3G4 G2 G4T3T4 G2 G3 G3G4 G3G4 G3G4 G3G4 G3G4 G3G4 G3
Pluchea longifolia Poa paludigena Poa strictiramea Polanisia dodecandra ssp. riograndensis Polanisia erosa ssp. breviglandulosa Polemonium pauciflorum ssp. hinckleyi Polemonium maptuntiae Polygala boykinii var. sparsifolia Polygala hookeri Polygala hookeri Polygala leptostachys Polygala leextoniii Polygala leextoniii Polygala maravillasensis Polygala maravillasensis Polygala maravillasensis Polygala ramiulicola var. rimulicola Polygala staccae Polygala smallii	Moderate Moderate High Moderate	G3G4 G3G4 G3 G513 G51314 G3G512Q G51314 G3G4 G412Q G3 G3G4 G412Q G2 G41314 G2 G3 G3G4 G2 G41314 G2 G3 G3G4 G41314 G2 G3 G3G4 G4 G
Pluchea longifolia Poa paludigena Poa strictiramea Polanisia dodecandra ssp. riograndensis Polanisia dodecandra ssp. riograndensis Polanisia erosa ssp. breviglandulosa Polemonium pauciflorum ssp. hinckleyi Polemonium reptans var. villosum Polemonium reptans var. villosum Polemonium ranbruntiae Polygala boykinii var. sparsifolia Polygala hookeri Polygala leptostachys Polygala leptostachys Polygala lindheimeri var. parvifolia Polygala maravillasensis Polygala palmeri Polygala simulicola var. rimulicola Polygala setacea	Moderate Moderate High Moderate	G3G4 G3G4 G3 G5T3 G5T3T4 G3G5T2Q G5T3T4 G3G4 G4T2Q G3 G3G4 G4T2Q G3 G3G4 G2 G4T3T4 G2 G3 G3G4 G2 G4T3T4 G2 G3 G3G4 G2 G4T3T4 G2 G3 G3G4 G3G4 G3G4 G3G4 G3G4 G3G4 G3
Pluchea longifolia Poa paludigena Poa strictiramea Polanisia dodecandra ssp. riograndensis Polanisia erosa ssp. breviglandulosa Polemonium pauciflorum ssp. hinckleyi Polemonium maptuntiae Polygala boykinii var. sparsifolia Polygala hookeri Polygala hookeri Polygala leptostachys Polygala leextoniii Polygala leextoniii Polygala maravillasensis Polygala maravillasensis Polygala maravillasensis Polygala ramiulicola var. rimulicola Polygala staccae Polygala smallii	Moderate Moderate High Moderate	G3G4 G3G4 G3 G513 G51314 G3G512Q G51314 G3G4 G412Q G3 G3G4 G412Q G2 G41314 G2 G3 G3G4 G2 G41314 G2 G3 G3G4 G41314 G2 G3 G3G4 G4 G
Pluchea longifolia Poa paludigena Poa strictiramea Polanisia dodecandra ssp. riograndensis Polanisia erosa ssp. breviglandulosa Polemonium pauciflorum ssp. hinckleyi Polemonium reptans var. villosum Polemonium reptans var. villosum Polemonium vanbruntiae Polygala hookeri Polygala hookeri Polygala leptostacitys Polygala leptostacitys Polygala leptostacitys Polygala maravillasensis Polygala indiciola var. rimulicola Polygala inmilicola var. rimulicola Polygala setacea Polygala setacea Polygala setacea	Moderate Moderate High Moderate Moderate Moderate Moderate Moderate Moderate Stry High Moderate Moderate Very High High Moderate Wery High Moderate Very High High Moderate Very High High Moderate Very High High Moderate Very High Moderate Very High Moderate Very High Moderate Very High Moderate	G3G4 G3G4 G3 G513 G51314 G3G512Q G51314 G3G4 G412Q G3 G3G4 G2 G41314 G2 G3 G43 G4 G2 G43 G4 G2 G4 G4 G3 G4 G5 G4 G5 G5 G5 G5 G5 G5 G6
Pluchea longifolia Poa paludigena Poa strictiramea Polanisia dodecandra ssp. riograndensis Polanisia erosa ssp. breviglandulosa Polemonium pauciflorum ssp. hinckleyi Polemonium reptans var. villosum Polemonium reptans var. villosum Polemonium reptans var. villosum Polemonium reptans var. villosum Polygala boykinii var. sparsifolia Polygala hookeri Polygala leptostachys Polygala leptostachys Polygala lindheimeri var. parvifolia Polygala lindheimeri var. parvifolia Polygala maravillasensis Polygala maravillasensis Polygala smalii Polygala smalii Polygonela basiramia Polygonela marcrophylla Polygonela marcrophylla	Moderate Moderate High Moderate	G3G4 G3G4 G3 G5T3 G5T3T4 G3G5T2Q G5T3T4 G3G4 G4T2Q G3 G3 G3G4 G2 G4T3T4 G2 G4T3T4 G2 G4T3T4 G2 G4T3T4 G2 G3 G3 G3G4 G2 G3 G3G4 G2 G3 G3 G3G4 G2 G3
Pluchea longifolia Poa paludigena Poa strictiramea Polanisia dodecandra ssp. riograndensis Polanisia erosa ssp. breviglandulosa Polemonium pauciflorum ssp. hinckleyi Polemonium manbruntiae Polygala boykinii var. sparsifolia Polygala hookeri Polygala hookeri Polygala leptostachys Polygala indheimeri var. parvifolia Polygala maravillasensis Polygala maravillasensis Polygala maravillasensis Polygala sameri Polygala sameri Polygala sameri Polygala sameri Polygala smallia Polygala maravillasensis	Moderate Moderate High Moderate	G3G4 G3G4 G3G G5T3 G5T3T4 G3G5T2Q G5T3T4 G3G4 G4T2Q G3 G3G4 G4T2Q G2 G4T3T4 G2 G3 G3G4 G2 G4T3T4 G2 G3 G3G4 G2 G4T3T4 G2 G3 G3G4 G1 G3 G3G4 G2 G4T3T4 G2 G3 G3T3 G3G4 G3T3 G3G4 G4 G5 G3
Pluchea longifolia Poa paludigena Poa strictiramea Polanisia dodecandra ssp. riograndensis Polanisia erosa ssp. breviglandulosa Polemonium pauciflorum ssp. hinckleyi Polemonium reptans var. viliosum Polemonium reptans var. viliosum Polemonium vanbruntiae Polygala hookeri Polygala leptostachys Polygala leptostachys Polygala leptostachys Polygala levetonii Polygala levetonii Polygala maravillasensis Polygala rimulicola var. rimulicola Polygala stacca Polygala smalii Polygonella marcrophylla	Moderate Moderate High Moderate	G3G4 G3G4 G3G G5T3 G5T3T4 G3G5T2Q G5T3T4 G3G4 G4T2Q G3 G3G4 G4T3T4 G2 G3 G3G4 G1 G4T3T4 G2 G3 G3G4 G2 G4T3T4 G2 G3
Pluchea longifolia Poa paludigena Poa strictramea Polanisia dodecandra ssp. riograndensis Polanisia eroca ssp. breviglandulosa Polemonium pauciflorum ssp. hinckleyi Polemonium reptans var. villosum Polemonium reptans var. villosum Polygala hookeri Polygala hookeri Polygala leptostachys Polygala leptostachys Polygala lewtonii Polygala lemtonii Polygala maravillasensis Polygala maravillasensis Polygala rimulicola var. rimulicola Polygala rimulicola var. rimulicola Polygala maravillasensis Polygala palmeri Polygala rimulicola var. rimulicola Polygala maravillasensis Polyganella marcrophylla Polygonella marcrophylla Polygonella marcrophylla Polygonella parksii Polygonella parksii Polygonema paucum Polygonum hirsutum	Moderate High Moderate High Moderate Very High Moderate Very High Moderate Very High Moderate Very High Moderate Moderate Moderate Moderate Very High Moderate	G3G4 G3G4 G3G6 G513 G51314 G3G512Q G51314 G3G4 G412Q G3 G3G4 G2 G41314 G2 G3 G41314 G2 G3
Pluchea longifolia Poa strictiramea Poa strictiramea Polanisia dodecandra ssp. riograndensis Polanisia odecandra ssp. riograndensis Polanisia odecandra ssp. riograndensis Polanisia odecandra ssp. hincideyi Polemonium pauciflorum ssp. hincideyi Polemonium reptans var. villosum Polvgala hookeri Polvgala hookeri Polvgala leotostachys Polygala leotostachys Polygala leotostachys Polygala leotostachys Polygala leotostachys Polygala leotonii Polygala ientonii Polygala rimulicola var. rimulicola Polygala rimulicola var. rimulicola Polygala setacea Polygala staticas Polygala staticas Polyganella marciphylla Polygonella marciphylla Polygonella marciphylla Polygonella marciphylla Polygonella parisii Polygonum glaucum Polygonum fisatuum Polygonum fisatuum Polygonum instutm	Moderate High Moderate High Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Pery High Moderate Dery High Moderate Moderate Pery High Moderate Pery High Moderate Pery High High High Moderate Pery High Moderate Pery High Moderate Pery High Moderate Pery High Moderate	G3G4 G3G4 G3G4 G3 G51314 G3G512Q G51314 G3G4 G412Q G3 G3G4 G2 G41314 G2 G3 G3G4 G2 G3 G3G4 G2 G3 G3G3 G3G4 G2 G3 G3G3 G3
Pluchea longifolia Poa paludigena Poa strictramea Polanisia dodecandra ssp. riograndensis Polanisia eroca ssp. breviglandulosa Polemonium pauciflorum ssp. hinckleyi Polemonium reptans var. villosum Polemonium reptans var. villosum Polygala hookeri Polygala hookeri Polygala leptostachys Polygala leptostachys Polygala lewtonii Polygala lemtonii Polygala maravillasensis Polygala maravillasensis Polygala rimulicola var. rimulicola Polygala rimulicola var. rimulicola Polygala maravillasensis Polygala palmeri Polygala rimulicola var. rimulicola Polygala maravillasensis Polyganella marcrophylla Polygonella marcrophylla Polygonella marcrophylla Polygonella parksii Polygonella parksii Polygonema paucum Polygonum hirsutum	Moderate High Moderate High Moderate Very High Moderate Very High Moderate Very High Moderate Very High Moderate Moderate Moderate Moderate Very High Moderate	G3G4 G3G4 G3G6 G513 G51314 G3G512Q G51314 G3G4 G412Q G3 G3G4 G2 G41314 G2 G3 G41314 G2 G3
Pluchea longifolia Poa strictiramea Poa strictiramea Polanisia dodecandra ssp. riograndensis Polanisia odecandra ssp. riograndensis Polanisia odecandra ssp. riograndensis Polanisia odecandra ssp. hincideyi Polemonium pauciflorum ssp. hincideyi Polemonium reptans var. villosum Polvgala hookeri Polvgala hookeri Polvgala leotostachys Polygala leotostachys Polygala leotostachys Polygala leotostachys Polygala leotostachys Polygala leotonii Polygala ientonii Polygala rimulicola var. rimulicola Polygala rimulicola var. rimulicola Polygala setacea Polygala staticas Polygala staticas Polyganella marciphylla Polygonella marciphylla Polygonella marciphylla Polygonella marciphylla Polygonella parisii Polygonum glaucum Polygonum fisatuum Polygonum fisatuum Polygonum instutm	Moderate High Moderate High Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Pery High Moderate Dery High Moderate Moderate Pery High Moderate Pery High Moderate Pery High High High Moderate Pery High Moderate Pery High Moderate Pery High Moderate Pery High Moderate	G3G4 G3G4 G3G4 G3 G51314 G3G512Q G51314 G3G4 G412Q G3 G3G4 G2 G41314 G2 G3 G3G4 G2 G3 G3G4 G2 G3 G3G3 G3G4 G2 G3 G3G3 G3
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Pluchea longifolia Poa paludigena Poa strictramea Polanisia dodecandra ssp. riograndensis Polanisia dodecandra ssp. riograndensis Polanisia eroca ssp. breviglandulosa Polemonium pauciflorum ssp. hinckleyi Polemonium reptans vax. villosum Polemonium reptans vax. villosum Polygala hookeri Polygala hookeri Polygala leptostacitys Polygala leptostacitys Polygala leptostacitys Polygala leptostacitys Polygala leptostacitys Polygala maravillasensis Polygala maravillasensis Polygala rimulicola var. rimulicola Polygala rimulicola var. rimulicola Polygala statacea Polygala statacea Polygala statacea Polygala maravillasensis Polygala palmeri Polygala palmeri Polygala palmeri Polygala parkaiii Polygonella marcophylla Polygonella marcophylla Polygonum glaucum Polygonum hirsutum Polymnia johnbeckii Polymnia johnbeckii Polymnia levigata Ponthieva brittoniae	Moderate High Moderate High Moderate Very High Moderate Moderate Moderate Moderate Very High Moderate Moderate Very High Moderate Moderate Very High Moderate	G3G4 G3G4 G3G4 G3G513T4 G3G5T2Q G5T3T4 G3G4 G4T2Q G3 G3G4 G2 G4T3T4 G2 G3 G3G4 G2 G4T3T4 G2 G3
Pluchea longifolia Poa paludigena Poa strictiramea Polanisia dodecandra ssp. riograndensis Polanisia dodecandra ssp. riograndensis Polanisia erosa ssp. breviglandulosa Polemonium pauciflorum ssp. hinckleyi Polemonium reptans var. villosum Polemonium reptans var. villosum Polemonium reptans var. villosum Polygala boykinii var. sparsifolia Polygala boykinii var. sparsifolia Polygala leptostachys Polygala leptostachys Polygala lindheimeri var. parvifolia Polygala lindheimeri var. parvifolia Polygala maravillasensis Polygala maravillasensis Polygala smalii Polygala smalii Polygala smalii Polygonella basiramia Polygonella marcrophylla Polygonella marcrophylla Polygonella parisii Polygonella parisii Polygonella parisii Polygonella pol	Moderate High Moderate High Moderate	G3G4 G3G4 G3G6 G3 G5131 G51314 G3G512Q G51314 G3G4 G412Q G3 G3G4 G412Q G3 G3G4 G2 G41314 G2 G3 G3 G3G4 G2 G3
Pluchea longifolia Poa paludigena Poa strictiramea Polanisia dodecandra ssp. riograndensis Polanisia dodecandra ssp. riograndensis Polanisia erosa ssp. breviglandulosa Polemonium pauciflorum ssp. hinckleyi Polemonium mabruntiae Polygala boykinii var. sparsifolia Polygala boykinii var. sparsifolia Polygala la potestachys Polygala la potestachys Polygala indheimeri var. parvifolia Polygala indheimeri var. parvifolia Polygala maravillasensis Polygala maravillasensis Polygala maravillasensis Polygala simulicola var. rimulicola Polygala steacea Polygala smallii Polygonella basiramia Polygonella basiramia Polygonella myriophylla Polygonella myriophylla Polygonella parksii Polygonella parksii Polygonelm plaucum Polygonen jaucum Polygonen hirsutum Polymnia cossatotensis Polymnia johnbeckii Polymnia laevigata Pontulaca minuta	Moderate High Moderate High Moderate	G3G4 G3G4 G3G4 G3G3 G5T3T4 G3G5T2Q G5T3T4 G3G5T2Q G5T3T4 G3G4 G4T2Q G3 G3G4 G2 G4T3T4 G2 G3 G3G4 G1 G3 G3G4 G1 G3 G3 G3G4 G1 G3
Pluchea longifolia Poa paludigena Poa strictiramea Polanisia dodecandra ssp. riograndensis Polanisia erosa ssp. breviglandulosa Polemonium pauciflorum ssp. hinckleyi Polemonium reptans var. villosum Polemonium reptans var. villosum Polemonium vanbruntiae Polygala hookeri Polygala leptostachys Polygala leptostachys Polygala leptostachys Polygala levetonii Polygala levetonii Polygala levetonii Polygala maravillasensis Polygala maravillasensis Polygala smalii Polygonula marcophylla Polygonum glaucum Polygonum glaucum Polygonum hirsutum Polymnia casottonsis Polymnia laevigata Portulaca biloba Portulaca biloba Portulaca smallii	Moderate High Moderate High Moderate Moderate Moderate Moderate Moderate Very High High High High Moderate Very High Moderate Very High Moderate Very High Moderate	G3G4 G3G4 G3G4 G3G3 G5T3T4 G3G5T2Q G5T3T4 G3G4 G4T2Q G3 G3G4 G4T2Q G3 G3G4 G4T3T4 G2 G3 G3G4 G4T3T4 G2 G3 G3G4 G1 G3 G3G4 G1 G3 G3G4 G1 G3 G3 G3G4 G1 G3
Pluchea longifolia Poa paludigena Poa strictiramea Polanisia dodecandra ssp. riograndensis Polanisia dodecandra ssp. riograndensis Polanisia erosa ssp. breviglandulosa Polemonium pauciflorum ssp. hinckleyi Polemonium mabruntiae Polygala boykinii var. sparsifolia Polygala boykinii var. sparsifolia Polygala la potestachys Polygala la potestachys Polygala indheimeri var. parvifolia Polygala indheimeri var. parvifolia Polygala maravillasensis Polygala maravillasensis Polygala maravillasensis Polygala simulicola var. rimulicola Polygala steacea Polygala smallii Polygonella basiramia Polygonella basiramia Polygonella myriophylla Polygonella myriophylla Polygonella parksii Polygonella parksii Polygonelm plaucum Polygonen jaucum Polygonen hirsutum Polymnia cossatotensis Polymnia johnbeckii Polymnia laevigata Pontulaca minuta	Moderate High Moderate High Moderate	G3G4 G3G4 G3G4 G3G3 G5T3T4 G3G5T2Q G5T3T4 G3G5T2Q G5T3T4 G3G4 G4T2Q G3 G3G4 G2 G4T3T4 G2 G3 G3G4 G1 G3 G3G4 G1 G3 G3 G3G4 G1 G3
Pluchea longifolia Poa paludigena Poa strictiramea Polanisia dodecandra ssp. riograndensis Polanisia erosa ssp. breviglandulosa Polemonium pauciflorum ssp. hinckleyi Polemonium reptans var. villosum Polemonium reptans var. villosum Polemonium vanbruntiae Polygala hookeri Polygala leptostachys Polygala leptostachys Polygala leptostachys Polygala levetonii Polygala levetonii Polygala levetonii Polygala maravillasensis Polygala maravillasensis Polygala smalii Polygonula marcophylla Polygonum glaucum Polygonum glaucum Polygonum hirsutum Polymnia casottonsis Polymnia laevigata Portulaca biloba Portulaca biloba Portulaca smallii	Moderate High Moderate High Moderate Moderate Moderate Moderate Moderate Very High High High High Moderate Very High Moderate Very High Moderate Very High Moderate	G3G4 G3G4 G3G4 G3G3 G5T3T4 G3G5T2Q G5T3T4 G3G4 G4T2Q G3 G3G4 G4T2Q G3 G3G4 G4T3T4 G2 G3 G3G4 G4T3T4 G2 G3 G3G4 G1 G3 G3G4 G1 G3 G3G4 G1 G3 G3 G3G4 G1 G3
Pluchea longifolia Poa strictiramea Polanisia dodecandra ssp. riograndensis Polanisia erosa ssp. breviglandulosa Polemonium pauciflorum ssp. hinckleyi Polemonium reptans var. villosum Polemonium reptans var. villosum Polygala boykinii var. sparsifolia Polygala hookeri Polygala leptostachys Polygala leptostachys Polygala leptostachys Polygala leptostachys Polygala leptostachys Polygala indeheimeri var. parvifolia Polygala indeheimeri var. parvifolia Polygala rimulicola var. rimulicola Polygala rimulicola var. rimulicola Polygala setacea Polygala setacea Polygala palmeri Polygala setacea Polygala parlinii Polygonella marcrophylla Polygonella marcrophylla Polygonella marcrophylla Polygonella marcrophylla Polygonella marcrophylla Polygonella marcrophylla Polygonella misutum Polymonia johnbeckii Polymnia johnbeckii Polymnia ilaevigata Pontulaca minuta Portulaca minuta Portulaca minuta Portulaca minuta Portulaca minuti	Moderate High Moderate High Moderate Mo	G3G4 G3G4 G3G4 G3G G5T3T4 G3G5T2Q G5T3T4 G3G4 G3G4 G2 G4T3T4 G2 G3 G3G4 G2 G4T3T4 G2 G3 G3G4 G1 G3 G3G4 G1 G3 G3G4 G1 G3
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Pluchea longifolia Poa paludigena Poa strictiramea Polanisia dodecandra ssp. riograndensis Polanisia erosa ssp. breviglandulosa Polemonium pauciflorum ssp. hinckleyi Polemonium reptans var. viliosum Polemonium reptans var. viliosum Polygala hookeri Polygala hookeri Polygala leptostachys Polygala leptostachys Polygala leptostachys Polygala levetonii Polygala levetonii Polygala levetonii Polygala indheimeri var. parvifolia Polygala maravillasensis Polygala palmeri Polygala rimulicola var. rimulicola Polygala smalii Polyganella marcrophylla Polygonella marcrophylla Polygonella marcrophylla Polygonella marcrophylla Polygonella myriophylla Polygonella myriophylla Polygonella myriophylla Polygonella myriophylla Polygonella myriophylla Polygonella myriophylla Polygonum firsutum Polymnia opsatotensis Polymnia laevigata Ponthiava brittoniae Portulaca biloba Portulaca smallii Portulaca smallii Portulaca smallii Portulaca smallii Potamogeton clystocarpus Potamogeton floridanus Potamogeton filiii Potamogeton filiii Potamogeton tennesseensis	Moderate High Moderate High Moderate	G3G4 G3G4 G3G4 G3G6 G513 G51314 G3G512Q G51314 G3G4 G3G4 G2 G41314 G2 G3 G3G4 G1 G3 G3G4 G1 G3 G3G4 G1 G3
Pluchea longifolia Poa paludigena Poa strictiramea Polanisia dodecandra ssp. riograndensis Polanisia erosa ssp. breviglandulosa Polemonium paucificrum ssp. hinckleyi Polemonium paucificrum ssp. hinckleyi Polemonium reptans var. villosum Polemonium reptans var. villosum Polemonium vanbruntiae Polygala boykinii var. sparsifolia Polygala leptostachys Polygala leptostachys Polygala lindheimeri var. parvifolia Polygala lindheimeri var. parvifolia Polygala lamaravillasensis Polygala maravillasensis Polygala smariii Polygala satacea Polygala smalii Polygala smalii Polygonella basiramia Polygonella parksii Polygonella marcrophylla Polygonella marcrophylla Polygonella parksii Polygonella parksii Polygonella polygo	Moderate High Moderate High Moderate Mo	G3G4 G3G4 G3G4 G3G4 G3G3 G5T3T4 G3G5T2Q G5T3T4 G3G4 G4T2Q G3 G3G4 G2 G4T3T4 G2 G3 G3G4 G1 G3 G3G4 G1 G3
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Bebus parvillors			Moderate	G3G4
Rebots asilicifolis Moderate 63 Rhododenfron sutrinum Moderate 63 Rhododenfron chapmani 63 Rhododenfron chapmani 63 Rhododenfron chapmani 63 Rhododenfron chapmani 63 Rhododenfron celemani 63 Rhododenfron sutmani 63 Rhododenfron sunvision 63 Rhododenfron punifolium 63 Rhododenfron punifolium 63 Rhododenfron punifolium 63 Rhododenfron sunvision 63 Rhynchosis michauxii 63 Rhynchosis michauxii 63 Rhynchosis michauxii 63 Rhynchosis michauxii 63 Rhynchospora ciphalantha var. attenuata 63 Rhynchospora ciphalantha var. attenuata 63 Rhynchospora ciphalantha 63 Rhynchospora frondenis 63 Rhynchospora palana 64 Rhynchospora palana 64 Rhynchospora frondenis 63 Rhynchospora sunvision 63 Rhynchospora	Rhexia a	ristosa	Moderate	G3G4
Rhododendron chupmanii	Rhexia pa	arviflora	High	G2G3
Bhododendron colemanii Moderate G3	Rhexia sa	alicifolia	Moderate	G3
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Rhynchospora punctata Rhynchospora saxicola Rhynchospora saxicola Rhynchospora saxicola Rhynchospora saxicola Rhynchospora solitaria Pery High G1 Rhynchospora stenophylla Moderate G4 Rhynchospora stenophylla Moderate G4 Rhynchospora stenophylla Moderate G5 Rhynchospora stenophylla Moderate G6 Rhynchospora stenophylla Rhynchospora stenophylla Ripa G3 Rhynchospora thomei High G3 Ribes curvatum Moderate G4 Rilba G3 Ribes curvatum Moderate G4 Rilba G4 Rilba Sechinellum Porry High G1 Ripariosida hermaphrodita Moderate G3 Robinia hispida var. fertilis Pery High G4T1 Robinia hispida var. rosea Moderate G4137 Robinia hispida var. rosea Moderate G4137 Robinia viscosa var. hartwegii Nery High G372 Robinia viscosa var. hartwegii Nory High G373 Robinia viscosa var. hartwegii Nory High G471 Robinia viscosa var. hartwegii Nory High G472 Rorippa G10ridana Moderate G364 Rorippa aranosa Dery High G273 Ross stellata var. arlansoniae Nory High G471 Roystonea elata Rilb G263 Rubus boyntonii	Rhyncho Rhyncho Rhyncho Rhyncho Rhyncho Rhyncho Rhyncho Rhyncho Rhyncho Rhyncho Rhyncho Rhyncho Rhyncho Rhyncho Rhyncho Rhyncho Rhyncho	sspora crinipes sspora crinipes sspora culiba sspora decurrens sspora femaldii sspora fioridensis sspora galeana sspora galebularis var. pinetorum sspora harveri sspora harveri sspora harveri sspora indianolensis sspora indianolensis sspora maganta	Moderate Sery High Moderate Moderate High Moderate	G3 G1Q G3G4 G3G4 G3 G37 G571374 G47 G4 G3Q G3 G3 G3 G3 G3 G4 G3 G3 G3 G3 G4 G3 G3 G4 G3 G4 G3 G4 G4 G4 G4 G4 G5 G4 G5 G4 G5 G4 G5 G5 G5 G6 G6 G6 G6 G7 G7 G7 G7 G7 G7 G7 G7 G7 G7 G7 G7 G7
Rhynchospora scirpoides Rhynchospora sciltaria Rhynchospora stenophylla Moderate G4 Rhynchospora stenophylla Moderate G2 Rhynchospora stenophylla Moderate G2 Rhynchospora sultata Moderate G2 Rhynchospora sultata Moderate G2 Rhynchospora sultata Moderate G3 Ribes curvatum Moderate G4 Ribes curvatum Moderate G3 Ribes curvatum Moderate G3 Robinia hispida var. fertilis G4 Ribes chinellum Robinia hispida var. restulis G4 Robinia hispida var. rosea Moderate G4 Robinia hispida var. rosea Moderate G47 Robinia viscosa var. viscosa Moderate G373 Robinia viscosa var. viscosa Moderate G373 Robinia pispida var. rosea Moderate G373 Robinia pispida var. viscosa Moderate G373 Robinia pispida var. viscosa Moderate G373 Robinia viscosa var. viscosa Moderate G373 Robinia viscosa var. viscosa Moderate G373 Rorippa aquatica Moderate G374 Rorippa foridana Moderate G374 Rorippa ramosa Rorippa ramosa Rori pla ramosa	Rhyncho Rhynch	sspora crinipes sspora crinipes sspora crinipes sspora decurrens sspora femaldii sspora floridensis sspora galeana sspora galeana sspora spobularis var. pinetorum sspora harperi sspora harperi sspora indianolensis sspora indianolensis sspora leptocarpa sspora macra sspora macra sspora macra sspora magalumosa sspora pallida sspora pineticola	Moderate Sers High Moderate Moderate High Moderate	G3 G1Q G3G4 G3G4 G3G G37 G37 G37 G37 G4 G4 G3Q G3 G3G4 G3G4 G2 G2 G3 G37Q
Rhynchospora solitaria Rhynchospora stenophylla Rhynchospora stenophylla Rhynchospora steletto Sery High G2 Rhynchospora steletto Moderate G264Q Rhynchospora stucata Moderate G364 Rhynchospora store High G3 Ribes curvatum Moderate G4 Ribes echinellum Sery High G1 Ripariosida hermaphrodita Moderate G3 Robina hispida var. fertilis Sery High G4T1T2 Robinia hispida var. rosea Moderate G4137 Robinia hispida var. rosea Moderate G4137 Robinia viscosa var. viscosa Moderate G313 Robina viscosa var. viscosa Moderate G313 Rorippa aquatica Moderate G42 Rorippa floridana Moderate G42 Rorippa floridana Moderate G364 Rorippa paranosa Devry High G2 Ross stellata var. erlansoniae Moderate G471 Ropytonea caleta Roytonea elata Roytonea elata Righ G263 Rubus boyntonii Moderate G32Q Rubus boyntonii	Rhyncho Rhynch	sspora crinipes sspora culiva sspora culiva sspora femaldii sspora fiondensis sspora galeana sspora galeana sspora galeana sspora pareli sspora harperi sspora harperi sspora indianolensis sspora indianolensis sspora leptocarpa sspora margalpumosa sspora magalpumosa sspora palielat sspora pineticola sspora pieticola sspora pieticola sspora pieticola	Moderate Very High Moderate High Moderate High Moderate	G3 G1Q G3G4 G3G4 G3 G3 G3? G573T4 G4? G4 G3 G3 G3G4 G3 G3 G3G4 G2 G3 G3 G3 G3 G3 G3 G3 G3 G3 G4 G4 G4 G4 G4 G4 G4 G4 G4 G4 G4 G4 G4
Rhynchospora stenophylla Moderate 64 Rhynchospora stiletto Sery High 62 Rhynchospora stucta Moderate 6264Q Rhynchospora thomei High 63 Ribes curvatum Moderate 64 Ribes cehinellum Sery High 61 Riparlosida hermaphrodita Moderate 63 Robinia hispida var. fertilis Sery High G4T1T2 Robinia hispida var. rosea Moderate G4T3 Robinia hispida var. rosea Moderate G4T37 Robinia viscosa var. hartwegii Nery High G3T2 Robinia viscosa var. hartwegii Nery High G3T3 Robinia viscosa var. kortsosa Moderate G3T3 Robinia viscosa var. kortsosa Moderate G3T3 Rorippa quatica Moderate G42 Rorippa floridana Moderate G3G4 Rorippa paranosa Sery High G2 Rosa stellata var. erlansoniae Mery High G4T1 Roystonea elata High G2G3	Rhyncho Rhynch	sspora crinipes sspora culiva sspora culiva sspora decurrens sspora femaldii sspora floridensis sspora galeana sspora galeana sspora galeana sspora galeana sspora pareri sspora harveri sspora indianolensis sspora indianolensis sspora leptocarpa sspora macra sspora macra sspora galeuluosa sspora palidia sspora pineticola sspora pileticola sspora pileticola sspora punctata	Moderate Very High Moderate High Moderate High Moderate High Moderate Moderate High Moderate Moderate Moderate High Moderate High Moderate	G3 G1Q G3G4 G3G4 G3G4 G3 G37 G5773T4 G47 G4 G3Q G3Q G3G G3G G3G G3G G3G G3G G3G G3G
Rhynchospora stiletto Very High G2 Rhynchospora sulcata Moderate G264Q Rhynchospora thornei High G3 Ribes curvatum Moderate G4 Ribes celinellum Sery High G1 Ribes celinellum Sery High G1 Robinia hispida var. Fertilis Bery High G471T2 Robinia hispida var. Iseleyi Sery High G471 Robinia hispida var. rosea Moderate G473* Robinia hispida var. rosea Moderate G372 Robinia viscosa var. rosea Moderate G372 Robinia viscosa var. viscosa Moderate G373 Rorippa aquatica Moderate G4? Rorippa Gridana Moderate G364 Rorippa ramosa Sery High G2 Rosa stellata var. erlansoniae Very High G471 Roystonea elata High G263 Rubus boyntonii Moderate G37Q	Rhyncho Rhynch	sspora crinipes sspora crinipes sspora culina sspora decurrens sspora femaldii sspora fioridensis sspora galeana sspora galeana sspora spobularis var, pinetorum sspora harveyi sspora harveyi sspora indianolensis sspora leptocarpa sspora megalumosa sspora megalumosa sspora paleida sspora paleida sspora pineticola sspora pineticola sspora pineticola sspora paleidantha sspora passora saxicola sspora saxicola sspora saxicola	Moderate Ners High Moderate Moderate High Moderate	63 610 6364 6364 637 6371374 647 64 630 63 6366 62 63 6370 62 63 6370 6370 6370 6370 6370 6370 6370 6
Rhynchospora sulcata Moderate 6264Q Rhynchospora thomei High G3 Ribes curvatum Moderate G4 Ribes echinellum Borry High G1 Ripariosida hermaphrodita Moderate G3 Robinia hispida var. fertilis Sery High G4T1T2 Robinia hispida var. festeleyi Very High G4T1 Robinia hispida var. rosea Moderate G4T37 Robinia viscosa var. hartwegii Very High G3T2 Robinia viscosa var. viscosa Moderate G373 Rorippa aquatica Moderate G47 Rorippa floridana Moderate G364 Rorippa ramosa Sery High G2 Rosa stellata var. erlansoniae Very High G4T1 Roystonea elata High G2G3 Rubus boyntonii Moderate G32Q	Rhyncho	sspora crinipes sspora crinipes sspora crinipes sspora decurren sspora femaldii sspora floridensis sspora galeana sspora galeana sspora galeana sspora harveri sspora harveri sspora harveri sspora harveri sspora harveri sspora indianolensis sspora leptocarpa sspora megalumosa sspora megalumosa sspora pallida sspora pineticola sspora pineticola sspora punctata sspora sourcata sspora scripoides sspora scripoides sspora scripoides sspora scripoides sspora solitaria	Moderate Very High Moderate High Moderate High Moderate	G3 G1Q G3G4 G3G4 G3G6 G3 G37 G5773T4 G47 G4 G3 G3 G36 G3 G37 G37 G37 G37 G37 G37 G37 G37 G37
Rhynchospora thornei High G3 Ribes curvatum Moderate G4 Ribes echinellum Sury High G1 Ripariosida hermaphrodita Moderate G3 Robinia hispida var. fertilis Very High G471T2 Robinia hispida var. rosea Moderate G471 Robinia viscosa var. hartwegii Moderate G473? Robinia viscosa var. viscosa Moderate G373 Rorippa aquatica Moderate G373 Rorippa floridana Moderate G364 Rorippa ramosa Very Viligh G2 Rosa stellar var efansoniae Mory High G471 Roystonea elata High G263 Rubus boyntonii Moderate G32Q	Rhyncho	sspora crinipes sspora culiva sspora culiva sspora femaldii sspora fiondensis sspora galeana sspora galeana sspora galeana sspora paleana sspora harveyi sspora harveyi sspora harveyi sspora indianolensis sspora leptocarpa sspora leptocarpa sspora palidia sspora palidia sspora palidia sspora palidia sspora pineticola sspora pileiantha sspora pileiantha sspora sspor	Moderate Very High Moderate High Moderate High Moderate High Moderate Wery High Moderate Moderate Very High Moderate Very High Moderate Very High Moderate	G3 G10 G364 G364 G364 G3 G37 G571314 G47 G47 G3 G3 G30 G3 G304 G2 G3 G3 G37 G2 G3 G3 G37 G2 G3 G3 G37 G2 G3 G3 G4 G4 G1 G4
Ribes curvatum Moderate G4 Ribes echinellum Sery High G1 Riparlosida hermaphrodita Moderate G3 Robinia hispida var. fertilis Sery High G4T1T2 Robinia hispida var. fertilis Sery High G4T1 Robinia hispida var. rosea Moderate G4737 Robinia viscosa var. hartwegii Sery High G3T2 Robinia viscosa var. viscosa Moderate G373 Rorippa quatica Moderate G42 Rorippa floridana Moderate G364 Rorippa ramosa Evry High G2 Rosa stellata var. ariansoniae Mery High G4T1 Roystonea elata High G2G3 Rubus boyntonii Moderate G37Q	Rhyncho	sspora crinipes sspora culiba sspora decurrens sspora femaldii sspora fioridensis sspora galeana sspora galeana sspora galeana sspora spoluraria var. pinetorum sspora harveri sspora harveri sspora harveri sspora indianolensis sspora macra sspora magaplumosa sspora magaplumosa sspora pallida sspora pallida sspora pallida sspora pallida sspora pallida sspora pallida sspora ssakicola sspora sociopoides sspora sociopoides sspora ssakicola sspora stenophylla sspora stenophylla sspora stietto	Moderate New High Moderate Moderate High Moderate	63 610 6364 6364 63364 637 6571374 647 64 630 63 637 6370 62 63 6370 6263 611 630 64 61
Ribes echinellum Sery High G1 Ripariosida hermaphrodita Moderate G3 Robinia hispida var. fertilis Sery High G4T1T2 Robinia hispida var. kelseyi Pary High G4T1 Robinia hispida var. rosea Moderate G4T3? Robinia hispida var. rosea Moderate G3T2 Robinia viscosa var. hartwegii Pary High G3T2 Robinia viscosa var. viscosa Moderate G3T3 Rorippa quatica Moderate G47 Rorippa floridana Moderate G3G4 Rorippa pramosa Sery High G2 Rosa stellata var. erlansoniae Mory High G4T1 Roystonea elata High G2G3 Rubus boyntonii Moderate G37Q	Rhyncho Rhynch	sspora crinipes sspora crinipes sspora crinipes sspora decurrens sspora femaldii sspora fioridensis sspora galeana sspora galeana sspora spobularis var. pinetorum sspora harveyi sspora harveyi sspora harveyi sspora indianolensis sspora megaplumosa sspora megaplumosa sspora megaplumosa sspora pallida sspora pallida sspora pallida sspora pallida sspora pallida sspora pallida sspora ssinciola sspora ssinciola sspora ssinciola sspora scirpoides sspora scirpoides sspora scirpoides sspora stiletto sspora stiletto sspora stiletto sspora sulcata	Moderate Nery High Moderate High Moderate High Moderate High Moderate Moderate Moderate Moderate Moderate Moderate Moderate Nery High Moderate Moderate High Moderate Moderate High Moderate Moderate Moderate High Moderate	63 61Q 6364 6364 637 6371374 647 64 63Q 63 63 6364 62 63 6369 62 63 637 6369 64 61 61 64 61 64 62 62 63 63 63 64 61 63 64 61
Ripariosida hermaphrodita Moderate G3 Robinia hispida var. Fertilis Bery High G4T1T2 Robinia hispida var. Iseleyi G4T1 Robinia hispida var. Iseleyi Moderate G4T3? Robinia viscosa var. hartwegii Nery High G3T2 Robinia viscosa var. hartwegii Nery High G3T2 Robinia viscosa var. viscosa Moderate G3T3 Rorippa aquatica Moderate G42 Rorippa floridana Moderate G3G4 Rorippa ramosa G6ry High G2 Rosa stellata var. erlansoniae Nery High G4T1 Roystonea elata High G2G3 Rubus boyntonii Moderate G3G4	Rhyncho	sspora crinipes sspora crinipes sspora crinipes sspora decurren sspora femaldii sspora fioridensis sspora galeana sspora galeana sspora apboblaris var. pinetorum sspora harveyi sspora harveyi sspora indianolensis sspora indianolensis sspora magalumosa sspora megalumosa sspora megalumosa sspora palleda sspora palleda sspora pineticola sspora pineticola sspora pineticola sspora pineticola sspora pineticola sspora pineticola sspora solitaria sspora sacticola sspora solitaria sspora solitaria sspora solitaria sspora solitaria sspora solitaria sspora suctata	Moderate Very High Moderate High Moderate High Moderate Very High Moderate Moderate Moderate High Moderate Moderate Moderate High Moderate High Moderate High	63 610 6364 6364 637 6371374 647 64 630 63 637 6370 637 6370 637 6370 6370
Robinia hispida var. Fertilis Sery High G47172 Robinia hispida var. Iselavji Vary High G471 Robinia hispida var. Iselavji Moderate G473? Robinia viscosa var. Iselavgii Morry High G372 Robinia viscosa var. Iselavgii Morry High G373 Rorippa aquatica Moderate G373 Rorippa aquatica Moderate G364 Rorippa floridana Moderate G364 Rorippa ramosa Sery High G2 Rosa stellata var. erlansoniae Morry High G471 Roystonea elata High G263 Rubus boyntonii Moderate G370,	Rhyncho Rhynch	sspora crinipes sspora crinipes sspora decurrens sspora decurrens sspora fernaldii sspora fiondensis sspora galeana sspora galeana sspora globularis var. pinetorum sspora harperi sspora harperi sspora harperi sspora harberi sspora lebecarpa sspora lebecarpa sspora lebecarpa sspora macra sspora macra sspora pallida sspora pineticola sspora pineticola sspora pineticola sspora pineticola sspora sanciola sspora solitaria sspora ssora sspora sspora sspora sitetto sspora s	Moderate Very High Moderate High Moderate High Moderate Very High Moderate Moderate Moderate Moderate High Very High Moderate High Moderate High Moderate High	G3 G10 G364 G364 G37 G573714 G47 G47 G30 G3 G37 G37 G37 G37 G30 G3 G37 G203 G17 G30 G4 G1 G4 G1 G4 G1 G4 G2 G3 G4 G1 G4 G3 G4 G1 G4 G4 G1 G4 G2 G3 G3 G4 G2 G3 G4
Robinia hispida var. rosaa Moderate G4T3? Robinia viscosa var. hartwegii Dery High G3T2 Robinia viscosa var. viscosa Moderate G3T3 Rorippa quatica Moderate G4? Rorippa floridana Moderate G3G4 Rorippa pramosa Dery High G2 Rosa stellata var. ariansoniae Mory High G4T1 Roystonea elata High G2G3 Rubus boyntonii Moderate G37Q	Rhyncho Rhynch	sspora crinipes sspora culina sspora decurrens sspora femaldii sspora fionidensis sspora fionidensis sspora globularis var. pinetorum sspora globularis var. pinetorum sspora palperi sspora harveyi sspora harveyi sspora harveyi sspora harveyi sspora palperi sspora palperi sspora globularis var. sspora globularis sspora globularis sspora pallida sspora pallida sspora pallida sspora pallida sspora pallida sspora sspora social sspora sspora social sspora social sspora social sspora social sspora social sspora stenophylla sspora stiletto sspora stiletto sspora storeal sspora tomel sspora tomel sspora tomel sspora tomel	Moderate Nery High Moderate High Moderate High Moderate High Moderate Moderate High Moderate	63 610 6364 6364 63364 637 6571374 647 64 630 63 637 6370 62 63 6370 646 61 64 62 630 64 61 64 62 630 64 61
Robinia viscosa var. hartwegii Very High G3T2 Robinia viscosa var. viscosa Moderate G3T3 Rorippa aquatica Moderate G4? Rorippa floridana Moderate G3G4 Rorippa ralmosa Bery High G2 Rosa stellata var. erlansoniae Nery High G4T1 Roystonea elata High G2G3 Rubus boyntonii Moderate G37Q	Rhyncho Rhynch	sspora crinipes sspora crinipes sspora crinipes sspora decurrens sspora femaldii sspora fioridensis sspora fioridensis sspora galeana sspora galeana sspora spobularis var. pinetorum sspora harveyi sspora harveyi sspora harveyi sspora indianolensis sspora pelptocarpa sspora megaplumosa sspora megaplumosa sspora pallida sspora pallida sspora pallida sspora pallida sspora pallida sspora pallida sspora ssireticola sspora ssireticola sspora ssireticola sspora ssireticola sspora ssireticola sspora scripoides sspora scripoides sspora stiletto sspora stiletto sspora stiletto sspora sulcata sspora sulcata sspora stiletto sspora sulcata sspora stiletto	Moderate Nery High Moderate High Moderate High Moderate High Moderate Nery High Moderate Moderate High Moderate Moderate High Moderate Moderate Moderate High Moderate	63 610 6364 6364 637 6371374 647 64 630 63 6364 62 63 637 6360 62 63 637 637 64 61 64 62 62 63 64 61 64 62 63 64 61
Robinia viscosa var. viscosa Moderate G3T3 Rorippa aquatica Moderate G4? Rorippa floridana Moderate G3G4 Rorippa Floridana Moderate G2 Rorippa ralmava Sery High G2 Rosa stellata var. erlansoniae Very High G4T1 Roystonea elata High G2G3 Rubus boyntonii Moderate G37Q	Rhyncho Rhynch	sspora crinipes sspora crinipes sspora crinipes sspora decurren sspora fernaldii sspora floridensis sspora galeana sspora galeana sspora galeana sspora spolularis var. pinetorum sspora harveyi sspora harveyi sspora harveyi sspora indianolensis sspora leptocarpa sspora megaplumosa sspora pineticola sspora pineticola sspora pineticola sspora pineticola sspora solitaria sspora sacriola sspora sacriola sspora solitaria sspora salida sspora sacriola sspora solitaria sspora salida sspora solitaria sspora salida sspora solitaria sspora salida sspora	Moderate Nery High Moderate High Moderate High Moderate High Moderate Moderate High Moderate Nery High Moderate Moderate High Moderate Moderate High Moderate High Moderate High Moderate High Moderate Moderate High Moderate	G3 G1Q G3G4 G3G4 G3G4 G37 G371314 G47 G4 G3Q G3 G3 G37 G37Q G2G3 G17 G2G3 G17 G4 G1 G4 G1 G4 G1 G3 G4 G4 G1 G3 G4 G4 G1 G3 G4 G4 G1 G3
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Rorippa floridana Moderate G3G4 Rorippa ramosa Very High G2 Rosa stellata var. erlansoniae Mery High G4T1 Roystonea elata High G2G3 Rubus boyntonii Moderate G37Q	Rhyncho Rhynch	sspora crinipes sspora crinipes sspora crinipes sspora decurrens sspora femaldii sspora fioridensis sspora galeana sspora galeana sspora galeana sspora salebularis var. pinetorum sspora harveyi sspora harveyi sspora indianolensis sspora paleptocarpa sspora magaplumosa sspora magaplumosa sspora pallida sspora ssora success sspora ssora stenophylla sspora stenophylla ssp	Moderate Nery High Moderate High Moderate High Moderate High Moderate Very High Moderate Very High Moderate High Moderate Very High Moderate	63 610 6364 6364 637 637 6371374 647 64 630 63 6364 62 63 637 6360 64 61 64 62 62 63 63 64 61 63 64 61 63 64 61 63 64 61 63 64 61 63 64 61 63 64 61 63 64 61 63 64 61 63 64 61 63 64 61 63
Rorippa ramosa Very High G2 Rosa stellata var. erlansoniae Mory High G4T1 Roystonea elata High G2G3 Rubus boyntonii Moderate G37Q	Rhyncho Rhynch	sspora crinipes sspora crinipes sspora crinipes sspora decurrens sspora femaldii sspora fiondensis sspora galeana sspora galeana sspora galeana sspora spolularis var. pinetorum sspora harveyi sspora harveyi sspora harveyi sspora indianolensis sspora macra sspora macra sspora macra sspora macra sspora macra sspora pallida sspora pallida sspora pallida sspora pallida sspora pallida sspora pineticola sspora pineticola sspora scirpoldes sspora stiltaria sspor	Moderate Nery High Moderate High Moderate High Moderate High Moderate High Moderate Moderate Moderate High Moderate Moder	G3 G1Q G3G4 G3G4 G3G4 G3G6 G3G7 G577374 G47 G47 G47 G3 G3 G37Q G2G3 G17 G3Q G4 G1 G4 G1 G4 G4 G4 G4 G4 G4 G4 G5 G5 G5 G6 G7
Rosa stellata var. erlansoniae Very High G4T1 Roystonea elata High G2G3 Rubus boyntonii Moderate G37Q	Rhyncho Rhynch	sspora crinipes sspora crinipes sspora decurrens sspora decurrens sspora fernaldii sspora fiondensis sspora galeana sspora galeana sspora galeana sspora palperi sspora indica servicia	Moderate Ney High Moderate High Moderate High Moderate High Moderate	G3 G1Q G3G4 G3G4 G3G4 G37 G571314 G47 G47 G47 G3 G3 G37 G37Q G2G3 G17 G3Q G4 G1 G4 G1 G4 G4 G1 G4 G4 G1 G4 G3 G4 G4 G1 G4 G3 G4 G4 G1 G3 G4 G4 G4 G3 G4 G4 G4 G5 G3 G4 G4 G4 G5 G3 G4 G4 G4 G5 G5 G6 G6 G6 G6 G7
Roystonea elata High GZ63 Rubus boyntonii Moderate G37Q	Rhyncho Rhynch	sspora crinipes sspora culiba sspora decurrens sspora decurrens sspora fernaldii sspora fionidensis sspora fionidensis sspora globularis var. pinetorum sspora globularis var. sspora globularis var. sspora laperi sspora harveyi sspora harveyi sspora harveyi sspora harveyi sspora betto despora sspora septocarpa sspora globularis sspora globularis sspora sulla sspora pallida sspora pallida sspora pallida sspora pallida sspora spora sspora sulla sspora sspora sulla sspora scora sulla sspora scora sulla sspora stenophylla ssp	Moderate Nery High Moderate High Moderate Hoderate Moderate High Moderate Moderate Moderate Moderate Moderate Moderate Nover High Moderate Moderate Moderate Moderate Moderate Moderate Moderate	63 610 6364 6364 637 637 6571374 644 630 63 637 637 637 637 637 64 61 64 62 62 63 64 61 63 64 61 63 64 61 63 64 61 63 64 61 63 64 61 63 64 61 63 64 61 63 64 61 63 64 61 63 64 61 63 64 61 63 64 61 63 64 61 63 64 61 63 64 61
Rubus boyntonii Moderate G3?Q	Rhyncho Rhynch	sspora crinipes sspora crinipes sspora crinipes sspora decurrens sspora femaldii sspora fioridensis sspora galeana sspora glebularis var. pinetorum sspora spolaviaris var. pinetorum sspora harveyi sspora harveyi sspora indianolensis sspora paleptocarpa sspora magaplumosa sspora magaplumosa sspora magaplumosa sspora pallida sspora pallida sspora pallida sspora pallida sspora pallida sspora spora pallida sspora spora pallida sspora spora sultata sspora sultata sspora sultata sspora sultata sspora sultata sspora stenophylla sspora stenophylla sspora stenophylla sspora stenophyla sspor	Moderate Nery High Moderate High Moderate High Moderate	63 610 6364 6364 6364 637 6371374 647 64 630 6363 637 637 637 637 637 637 637 64 61 63 64 64 65 64 65 64 65 64 65 64 66 64 65 65 65 66 66 66 66 66 66 66 66 66 66
	Rhyncho Rhynch	sspora crinipes sspora crinipes sspora crinipes sspora culiba sspora decurrens sspora femaldii sspora fioridensis sspora fioridensis sspora galeana sspora galeana sspora spolularis var. pinetorum sspora harveyi sspora harveyi sspora harveyi sspora indianolensis sspora megaplumosa sspora megaplumosa sspora megaplumosa sspora megaplumosa sspora pallida sspora pallida sspora pallida sspora pallida sspora pallida sspora ssineticola sspora successora s	Moderate Nery High Moderate High Moderate High Moderate High Moderate High Moderate	63 610 6364 6364 637 6371374 647 647 630 63 6363 6364 62 63 637 6370 64 61 63 64 61 63 64 61 63 64 61 63 64 61 63 64 61 63 64 61 63 64 61 63 64 61 63 64 61 63 64 61 63 64 61 63 64 61 63 64 61 63 64 64 65 65 66 66 66 66 66 66 66 66 66 66 66
	Rhyncho Rhynch	sspora crinipes sspora crinipes sspora decurrens sspora decurrens sspora fernaldii sspora fioridensis sspora galeana sspora galeana sspora galeana sspora paleana sspora paleana sspora paleana sspora paleana sspora paleana sspora paleana sspora barveyi sspora indianolensis sspora leptocarpa sspora macra sspora macra sspora megaplumosa sspora paleida sspora spietoola sspora pinetoola sspora pinetoola sspora punctata sspora spietoola sspora spietoola sspora spietoola sspora spietoola sspora spietoola sspora spietoola sspora suitoola sspora	Moderate Nery High Moderate High Moderate High Moderate Nery High Moderate	G3 G1Q G3G4 G3G4 G3G4 G3G7 G377374 G47 G47 G47 G3G4 G3G4

Rubus concameratus	Very High	GHQ
Rubus curtipes	Very High	G2?Q
Rubus defectionis	Very High	G1?Q
Rubus densissimus	Very High	G1
Rubus flavinanus	High	G3?Q
Rubus fryei	Very High	GHQ
Rubus grimesii	Moderate	G3G4Q G2
Rubus hancinianus Rubus harmonicus	Very High Very High	G2?Q
Rubus huttonii	Very High	GHQ
Rubus hypolasius	Very High	G1?Q
Rubus impar	Very High	G1G2
Rubus inferior		G2?Q
Rubus iniens	Very High	G2?Q
Rubus kelloggii	Very High	G1?Q
Rubus largus	Very High	G2?
Rubus mirus	Moderate	G3?
Rubus nefrens	Very High	G1Q
Rubus nessianus Rubus originalis	Moderate High	G3Q G3?
Rubus ostryifolius	Moderate	G3?Q
Rubus pascuus	Moderate	G2G4
Rubus prestonensis	High	G3
Rubus probativus	Moderate	G3?
Rubus racemiger	Very High	G2?Q
Rubus rosarius	Moderate	G3?
Rubus sewardianus	Very High	G2?Q
Rubus trux	Moderate	G3G4
Rubus velox	Very High	G27Q
Rubus vigilis	Moderate Very High	G3?Q
Rubus whartoniae Rud beckia auriculata	Very High Very High	G2Q G2
Rudbeckia auriculata Rudbeckia graminifolia	Moderate	G2 G3
Rudbeckia heliopsidis	Very High	G2
Rudbeckia laciniata var. humilis	Moderate	G5T3?
Rudbeckia nitida	Moderate	G3
Rud beckia scabrifolia	Moderate	G3G4
Rudbeckia triloba var. pinnatiloba	Moderate	G5T3
Rudbeckia triloba var. rupestris	Moderate	G5T3?
Ruellia caroliniensis var. succulenta	Very High	G5T1T2
Ruellia humilis var. depauperata Ruellia noctiflora	Moderate High	G5T3T4Q G3?
Ruellia pedunculata ssp. pinetorum	Moderate	G5T3T4
Ruellia purshiana	Moderate	G3
Rugelia nudicaulis	Moderate	G3
Sabatia arkansana	Very High	G1
Sabatia brevifolia	AND CONTRACTOR OF THE CONTRACT	6264
WANTED HEALTH	Moderate	G3G4
Sabatia capitata	Very High	G2
Sabatia capitata Sabatia grandiflora	Very High Moderate	G2 G3G4
Sabatia capitata Sabatia grandiflora Sabatia kennedyana	Very High Moderate Moderate	G2 G3G4 G3G4
Sabatia capitata Sabatia grandifilora Sabatia kennedyana Sachsia polycephala	Very High Moderate Moderate Very High	G2 G3G4 G3G4 G2
Sabatia gandifilora Sabatia grandifilora Sabatia kennedyana Sachsia polycephala Sageretia minutiflora	Very High Moderate Moderate Very High Moderate	G2 G3G4 G3G4
Sabatia capitata Sabatia grandifilora Sabatia kennedyana Sachsia polycephala	Very High Moderate Moderate Very High	G2 G3G4 G3G4 G2 G3G4
Sabatia capitata Sabatia grandiflora Sabatia kennedyana Sachsia polycephala Sageretia minutflora Sagittaria ambigua	verstigh Moderate Moderate Vers High Moderate vers High	G2 G3G4 G3G4 G2 G3G4 G2?
Sabatia capitata Sabatia grandifiora Sabatia kennedyana Sachsia polycephala Sageretia minutifiora Sagittaria ambigua Sagittaria chapmanii	vervitigh Moderate Moderate Vervitigh Moderate Vervitigh Moderate	G2 G3G4 G3G4 G2 G3G4 G2? G3?
Sabatia capitata Sabatia kennedyana Sabatia kennedyana Sachsia polycephala Sageretia minutrifora Sagittaria ambigua Sagittaria chapmanii Sagittaria fasciculata Sagittaria soetformis Sagittaria macrocarpa	Wary High Moderate Moderate Wary High Moderate Yery High Moderate Very High	G2 G3G4 G3G4 G2 G3G4 G2? G3? G2 G3? G2
Sabatia capitata Sabatia (spandiflora Sabatia (kennedyana Sachsia polycephala Sageretia minutiflora Sagittaria ambigua Sagittaria chapmanii Sagittaria fasciculata Sagittaria insetformis Sagittaria macrocarpa Sagittaria secundifolia	Very High Moderate Moderate Very High Noderate Very High Noderate	G2 G364 G364 G2 G364 G2? G37 G2 G3 G2 G3 G2
Sabatia capitata Sabatia grandiflora Sabatia kennedyana Sachsia polycephala Sageretia minutiflora Sagittaria ambigua Sagittaria chapmanii Sagittaria fasciculata Sagittaria isosetiformis Sagittaria socetiformis Sagittaria secundifolia Sagittaria secundifolia Sagittaria weatherbiana	Very High Moderate Moderate Very High Moderate Very High Moderate Very High Moderate Very High Very High Moderate	G2 G3G4 G3G4 G2 G3G4 G2? G37 G2 G3 G3 G2 G1 G2 G1 G3G4
Sabatia capitata Sabatia lennedyana Sabatia lennedyana Sachsia polycephala Sageretia minutifiora Sagittaria ambigua Sagittaria chapmanii Sagittaria schapmanii Sagittaria isoetiformis Sagittaria macrocarpa Sagittaria secundifolia Sagittaria secundifolia Sagittaria watherbiana Salik fioridana	Very High Moderate Moderate Very High Moderate High Moderate High	G2 G3G4 G2 G3G4 G2 G3G4 G2? G3? G2 G3 G2 G3 G3 G4 G2 G3G4 G3G4
Sabatia capitata Sabatia lennedyana Sabatia lennedyana Sachsia polycephala Sageretia minutiflora Sagittaria ambigua Sagittaria chapmanii Sagittaria scoulata Sagittaria soculata Sagittaria soculata Sagittaria soculatia Sagittaria secundifolia	Very High Moderate Moderate Very High Moderate High Moderate	G2 G3G4 G2 G3G4 G2 G3G4 G2? G3? G2 G3 G2 G1 G3G4 G3G4 G3G4 G3G3 G3G4
Sabatia capitata Sabatia lennedyana Sabatia lennedyana Sachsia polycephala Sageretia minutifiora Sagittaria ambigua Sagittaria chapmanii Sagittaria schapmanii Sagittaria isoetiformis Sagittaria macrocarpa Sagittaria secundifolia Sagittaria secundifolia Sagittaria watherbiana Salik fioridana	Very High Moderate Moderate Very High Moderate High Moderate High	G2 G3G4 G2 G3G4 G2 G3G4 G2? G3? G2 G3 G2 G3 G3 G4 G2 G3G4 G3G4
Sabatia capitata Sabatia kannedyana Sabatia kennedyana Sachsia polycephala Sageretia minutflora Sagittaria ambigua Sagittaria chapmanii Sagittaria chapmanii Sagittaria setormis Sagittaria macrocarpa Sagittaria secundifolia	Very High Moderate Moderate Very High Moderate High Moderate High Moderate Very High Moderate Very High	G2 G3G4 G3G4 G2 G3G4 G2? G37 G2 G3 G2 G1 G3G4 G2G3 G3G4 G2G3 G3G4 G2G3 G3G4 G3G4
Sabatia capitata Sabatia igrandiflora Sabatia kennedyana Sachsia polycephala Sageretia minutiflora Sagittaria ambigua Sagittaria chapmanii Sagittaria fasciculata Sagittaria soetformis Sagittaria merocarpa Sagittaria secundifolia Sagittaria weatherbiana Saliki fioridana Salivia arisonica Salivia penstemonoides Salivia summa	Very High Moderate Moderate Very High Moderate High Moderate High Moderate High Moderate Very High High	G2 G3G4 G3G4 G2 G3G4 G2? G37 G2 G3 G2 G1 G3G4 G2G3 G3G4 G3G4 G3G4 G3G4 G3G4 G3G4
Sabatia capitata Sabatia lennedyana Sabatia lennedyana Sachsia polycephala Sageretia minutifiora Sagittaria ambigua Sagittaria chapmanii Sagittaria chapmanii Sagittaria isoetiformis Sagittaria isoetiformis Sagittaria macrocarpa Sagittaria mecrocarpa Sagittaria mec	Servitigh Moderate Moderate Very High Moderate	G2 G364 G2 G364 G2 G37 G2 G3 G2 G3 G2 G1 G364 G2G3 G364 G2G3 G364 G364 G36364 G36364 G36364 G36364 G36366
Sabatia capitata Sabatia kennedyana Sabatia kennedyana Sagatrai sabamanis Sagittaria ambigua Sagittaria chapmanii Sagittaria schormis Sagittaria setormis Sagittaria secundifolia Sagittaria secundifolia Sagittaria secundifolia Sagittaria secundifolia Sagittaria weatherbiana Salix floridana Salix floridana Salix anacroacapa Salix anacroacapa Sariya anacroacapa Sagittaria secundifolia Sagittaria weatherbiana Salix floridana Salix anacroacapa Sariya	Very High Moderate Moderate Very High Moderate High Moderate Very High	G2 G3G4 G3G4 G2 G3G4 G2? G3? G2 G3 G2 G1 G3G4 G2G3 G3G4 G1 G3G4 G3G4 G3G4 G3G4 G3G3 G3G4 G3G3 G3G4 G3G3 G3G4 G3G3 G3G3 G3G3 G3G4 G3G3 G3G4 G3
Sabatia capitata Sabatia grandiflora Sabatia kennedyana Sachsia polycephala Sageretia minutiflora Sagittaria cabpmanii Sagittaria chapmanii Sagittaria schormanii Sagittaria secundifolia Sagittaria secundifolia Sagittaria weatherbiana Salik floridana Salik rationica Salivia arisonica Salivia aranonica Salivia aranonica Saranonica	erri High Moderate Moderate Svey High Moderate Yery High Moderate High Moderate High Moderate Yery High Moderate	G2 G3G4 G3G4 G2 G3G4 G2? G37 G2 G3 G3 G2 G1 G3G4 G2G3 G3G4 G1 G3G4 G3G3 G37 G37 G37 G37 G37 G37 G37 G37 G3
Sabatia capitata Sabatia lannedyana Sabatia lennedyana Sachsia polycephala Sageretia minutiflora Sagittaria ambigua Sagittaria chapmanii Sagittaria sculutata Sagittaria isocetformis Sagittaria saccuolata Sagittaria saccuolata Sagittaria saccuolata Sagittaria saccuolata Sagittaria saccuolata Sagittaria saccuolata Sagittaria waterboina Sagittaria waterboina Salvia fordana Salvia arizonica Salvia penstemonoides Salvia sacunia Sapium caribaeum Sarracenia alabamensis ssp. alabamensis Sarracenia alabamensis ssp. wherryi Sarracenia jonesii Sarracenia jonesii Sarracenia leucophylla Sarracenia minor var. okafenoleensis	Very High Moderate Moderate Very High Moderate High Moderate Very High Moderate High Moderate High Moderate High Moderate	G2 G3G4 G2 G3G4 G2 G37 G2 G37 G2 G3 G2 G1 G3G4 G2 G3G4 G3G4 G3G3 G3G4 G1 G3 G3 G37 G37
Sabatia capitata Sabatia lannedyana Sabatia lennedyana Sagataria ambigua Sagittaria chapmanii Sagittaria chapmanii Sagittaria seundirolia Sagittaria sectiormii Sagittaria sectiormii Sagittaria secundifolia Salvia arizonica Salvia arizonica Salvia secundifolia Salvia secundifolia Sarracenia alabamensis ssp. alabamensis Sarracenia alabamensis ssp. wherryi Sarracenia alabamensis ssp. wherryi Sarracenia leucophylla Sarracenia innor var. okefenokeensis	Very High Moderate Moderate Moderate Very High Moderate High Moderate High Moderate High Moderate High High Moderate High Moderate High High Moderate High Moderate High Moderate High Moderate High Moderate	G2 G3G4 G3G4 G2 G3G4 G2 G37 G2 G3 G2 G3 G2 G1 G3 G3 G2 G1 G3 G3G4 G1 G3
Sabatia capitata Sabatia kannedyana Sabatia kannedyana Sagaretia minutflora Sagittaria ambigua Sagittaria chapmanii Sagittaria chapmanii Sagittaria chapmanii Sagittaria chapmanii Sagittaria secundifolia Sagittaria secundifolia Sagittaria secundifolia Sagittaria secundifolia Sagittaria weatherbiana Salvia arizonica Salvia arizonica Salvia arizonica Salvia penstemonoides Sa	Very High Moderate Moderate Wery High Moderate Very High Moderate	G2 G364 G364 G2 G364 G2 G37 G2 G3 G2 G3 G2 G1 G3 G2 G1 G3 G2 G3
Sabatia capitata Sabatia kennedyana Sabatia kennedyana Sagatrai sabamia sagatrai sabamia sagatrai sabamia sagatrai sabamia sagatrai sabamia sagatrai sagatra	Very High Moderate Moderate Moderate Very High Moderate High Moderate High Moderate High Moderate High High Moderate High Moderate High High Moderate High Moderate High Moderate High Moderate High Moderate	G2 G3G4 G3G4 G2 G3G4 G2 G37 G2 G3 G2 G3 G2 G1 G3 G3 G2 G1 G3 G3G4 G1 G3
Sabatia capitata Sabatia kannedyana Sabatia kannedyana Sagaretia minutflora Sagittaria ambigua Sagittaria chapmanii Sagittaria chapmanii Sagittaria chapmanii Sagittaria chapmanii Sagittaria secundifolia Sagittaria secundifolia Sagittaria secundifolia Sagittaria secundifolia Sagittaria weatherbiana Salvia arizonica Salvia arizonica Salvia arizonica Salvia penstemonoides Sa	enri High Moderate Moderate Moderate Stry High Moderate Yery High Moderate High Moderate High Moderate Yery High Moderate	G2 G364 G2 G364 G2 G37 G2 G3 G2 G1 G364 G2 G3 G364 G1 G3 G3 G3 G3 G3 G3 G3 G3 G3 G3 G3 G3 G3
Sabatia capitata Sabatia jamaliflora Sabatia lennedyana Sachsia polycephala Sageretia minutiflora Sagittaria ambigua Sagittaria sachapmanii Sagittaria sacculata Sagittaria isociulata Sagittaria sacculata Sagittaria sacculata Sagittaria saccundifolia Sagittaria mecrocarpa Sagittaria secundifolia Sagittaria secundifolia Sagittaria mecrocarpa Sagittaria secundifolia Sagittaria mecrocarpa Salvia arizonica Salvia arizonica Salvia arizonica Salvia arizonica Salvia arizonica Salvia arizonica Salvia summa Sapium carbaeum Sarvacenia alabamensis ssp. alabamensis Sarracenia alabamensis ssp. wherryi Sarracenia jonesii Sarracenia jonesii Sarracenia jonesii Sarracenia minor var. olefenoleensis Sarracenia purpurea var. montana Sarracenia roesa Sarracenia rubra ssp. gulfensis	Very High Moderate Moderate Very High Moderate High Moderate Very High Moderate	G2 G3G4 G2 G3G4 G2 G37 G2 G3 G2 G3 G2 G1 G3G4 G3G4 G3G3 G3G4 G1 G3 G37 G37 G37 G37 G37 G37 G37 G37 G37
Sabatia capitata Sabatia lannedyana Sachsia polycephala Sageretia minutrifora Sagittaria sambigua Sagittaria chapmanii Sagittaria sculata Sagittaria sculata Sagittaria sculata Sagittaria secudidolia Sagittaria secundifolia Sagittaria perita secundifolia Sagittaria secundifolia Sagittaria secundifolia Sagittaria perita secundifolia Sagittaria secundifolia Sagittaria secundifolia Sagittaria secundifolia Sagittaria secundifolia Sagittaria secundifolia Salvia arizonica Salvia penstemonoides Salvia arizonica Salvia suma Salvia suma Sararcenia alabamensis ssp. alabamensis Sarracenia alabamensis ssp. alabamensis Sarracenia alabamensis ssp. wherryi Sarracenia jonesii Sarracenia jonesii Sarracenia purpurea var. okefenokeensis Sarracenia purpurea var. montana Sarracenia purpurea var. montana Sarracenia rubra ssp. gulfensis Sarracenia rubra ssp. gulfensis	servitigh Moderate Moderate Moderate Very High Moderate	G2 G3G4 G3G4 G2 G3G7 G2 G37 G2 G3 G2 G3 G2 G1 G3G4 G3G4 G3G3 G3G4 G1 G3G3 G3G4 G3 G37 G3T1T2 G3T3 G2 G3 G4T2T3 G3 G3G4T2T3 G3G4 G3G4 G3G4 G3G3 G3G4 G3G4 G3G3 G3G4 G3G
Sabatia capitata Sabatia kannedyana Sabatia kannedyana Sagataria ambigua Sagittaria ambigua Sagittaria chapmanii Sagittaria chapmanii Sagittaria chapmanii Sagittaria chapmanii Sagittaria secundifolia Sagittaria secundifolia Sagittaria secundifolia Sagittaria secundifolia Sagittaria weatherbiana Salvia arizonica Salvia arizonica Salvia arizonica Salvia annea Salvia secundifolia Salvia secundifolia Sagittaria weatherbiana Salvia penstemonoides Salvia penstemonoides Salvia penstemonoides Salvia penstemonoides Salvia penstemonoides Salvia penstemonoides Sararcenia alabamensis ssp. alabamensis Sararcenia alabamensis ssp. wherryi Sararcenia jonesii Sararcenia jonesii Sararcenia jonesii Sararcenia purpurea var. montana Sararcenia robra ssp. gulfensis Sararcenia rubra ssp. rubra Sararcenia rubra ssp. rubra	Very High Moderate Moderate Very High Moderate High Moderate Very High Moderate Moderate	G2 G364 G364 G2 G364 G2 G37 G2 G3 G2 G3 G2 G1 G3G G3 G2 G1 G3G G3G G3G G3G G3G G3G G3G G3G G3G
Sabatia capitata Sabatia lannedyana Sabatia lannedyana Sagretia minutiflora Sagretia minutiflora Sagretia minutiflora Sagretia mabigua Sagretia minutiflora Sagritaria schulta Sagritaria schulta Sagritaria sciculata Sagritaria sciculata Sagritaria secundifolia Sagritaria secundifolia Sagritaria secundifolia Sagritaria secundifolia Salvia penstemonoides Salvia arizonica Salvia penstemonoides Salvia schulta Saracenia alabamensis ssp. alabamensis Sarracenia alabamensis ssp. whervyi Sarracenia alabamensis ssp. whervyi Sarracenia jonesii Sarracenia propriura var. montana Sarracenia purpurea var. montana Sarracenia roba sp. vultorum Sarracenia roba sp. vultorum Sarracenia roba sp. vultorum Sarracenia roba sp. vultorum Sarracenia rubra ssp. vultorum Schizachyrium maritimum Schizachyrium maritimum Schizachyrium maritimum	Moderate Moderate Moderate Moderate Moderate Moderate Very High Moderate High Moderate High Moderate High Moderate Very High Moderate Very High Moderate	G2 G364 G2 G364 G2 G37 G2 G3 G2 G3 G2 G1 G3
Sabatia capitata Sabatia pandiflora Sabatia lennedyana Sachsia polycephala Sageretia minutiflora Sagittaria chapmanii Sagittaria chapmanii Sagittaria chapmanii Sagittaria soetformis Sagittaria secundifolia Sagittaria secundifolia Sagittaria secundifolia Sagittaria secundifolia Sagittaria secundifolia Salvia arizonica Salvia arizonica Salvia penstemonoides Salvia penstemonoides Salvia penstemonoides Salvia penstemonoides Sarvacenia alabamensis ssp. alabamensis Sarracenia alabamensis ssp. wherryi Sarracenia jonesii Sarracenia jonesii Sarracenia jonesii Sarracenia purpurea var. montana Sarracenia purpurea var. montana Sarracenia rocephila	Moderate Moderate Moderate Moderate Moderate Very High Moderate Moderate Very High Moderate Moderate Very High	G2 G364 G364 G2 G37 G2 G37 G2 G3 G2 G3 G2 G1 G3G4 G3G4 G3G4 G1 G3G4 G3T1T2 G3T3T3 G2 G5T1T2 G3T3T3 G2 G5T1T2 G3T3T3 G3G4T2T3 G3G4T2T3 G3G4T2T3 G3G4T2T3 G3G4GT3T4 G3G4T2T3 G3G4GT3T4 G3G4GT3T4 G3G4GT2T3 G3G4GGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG
Sabatia capitata Sabatia kannedyana Sabatia kannedyana Sagaretia minutflora Sagittaria ambigua Sagittaria chapmanii Sagittaria chapmanii Sagittaria chapmanii Sagittaria seundifolia Sagittaria seundifolia Sagittaria seundifolia Sagittaria seundifolia Sagittaria weatherbiana Salix fioridana Salvia arizonica Salvia arizonica Salvia arizonica Salvia penstemonoides Salvia penstemonoides Salvia penstemonoides Salvia penstemonoides Salvia penstemonoides Sarareania alabamensis sap, alabamensis Sarracenia alabamensis sap, wherryi Sarracenia jonesii Sarracenia jonesii Sarracenia jonesii Sarracenia jonesii Sarracenia purpurea var. montana Sarracenia purpurea var. montana Sarracenia rubra sap, rubra	erri High Moderate Moderate Moderate Step High Moderate Yery High Moderate High Moderate High Moderate High Moderate Yery High Moderate Yery High Moderate High High High	62 6364 62 6364 62 637 62 63 63 62 63 63 63 6364 61 63 637 631172 637 637 637 637 637 637 637 637 637 637
Sabatia capitata Sabatia pandiflora Sabatia lennedyana Sachsia polycephala Sagretia minutiflora Sagittaria ambigua Sagittaria sabigua Sagittaria sachapmanii Sagittaria isacciulata Sagittaria isacciulata Sagittaria isacciulata Sagittaria secundifolia Sagittaria mecrocarpa Sagittaria secundifolia Sagittaria secundifolia Sagittaria secundifolia Salvia penstemonoides Salvia arizonica Salvia arizonica Salvia arizonica Salvia arizonica Salvia secundifolia Saracenia alabamensis ssp. alabamensis Sarracenia alabamensis ssp. wherryi Sarracenia alabamensis ssp. wherryi Sarracenia jonesii Sarracenia jonesii Sarracenia propria secundifolia Sarracenia purpurea var. montana Sarracenia purpurea var. montana Sarracenia rubra ssp. gulfensis Sarracenia rubra ssp. rubra Schizachyrium maritimum Schizachyrium spadiceum Schizachyrium spadiceum Schizachyrium spadiceum Schizachyrium spadiceum	servitigh Moderate Moderate Yery High Moderate High Moderate High Moderate High Moderate Yery High Moderate	G2 G364 G2 G364 G2 G37 G2 G3 G2 G3 G2 G3
Sabatia capitata Sabatia pandiflora Sabatia lennedyana Sachsia polycephala Sagretia minutiflora Sagittaria ambigua Sagittaria chapmanii Sagittaria scoulata Sagittaria scoulata Sagittaria scoulata Sagittaria secundifolia Sagittaria secundifolia Sagittaria secundifolia Sagittaria secundifolia Salvia penstemonoides Salvia arizonica Salvia penstemonoides Salvia sarizonica Salvia secundifolia Saracenia alabamensis ssp. alabamensis Sarracenia alabamensis ssp. whervyi Sarracenia alabamensis ssp. whervyi Sarracenia alabamensis ssp. whervyi Sarracenia pionesii Sarracenia propria var. montana Sarracenia propria var. montana Sarracenia rubra ssp. gulfensis Sarracenia rubra ssp. gulfensis Sarracenia rubra ssp. subrotrum Schizachyrium stoloniferum var. stoloniferum Schizachyrium sericatum Schizachyrium stoloniferum var. stoloniferum	Moderate Moderate Moderate Moderate Moderate Moderate Very High Moderate High Moderate High Moderate High Moderate Very High Moderate Very High Moderate Very High Moderate	G2 G364 G2 G364 G2 G37 G2 G3 G2 G3 G2 G1 G3
Sabatia capitata Sabatia pandiflora Sabatia lennedyana Sachsia polycephala Sageretia minutiflora Sagittaria ambigua Sagittaria chapmanii Sagittaria chapmanii Sagittaria soetiformis Sagittaria soetiformis Sagittaria soetiformis Sagittaria soetiformis Sagittaria secundifolia Sagittaria secundifolia Sagittaria secundifolia Sagittaria secundifolia Sagittaria secundifolia Sagittaria weatherbiana Salvia arizonica Salvia penstemonoides Salvia sarizonica Salvia sensemanis Sarizonia Sarizonia secundifolia Sarizonia alabamensis ssp. alabamensis Sarracenia alabamensis ssp. alabamensis Sarracenia alabamensis ssp. wherryi Sarracenia junepii Sarracenia junepii Sarracenia junepii Sarracenia purpurea var. montana Sarracenia purpurea var. montana Sarracenia rosea Sarracenia rosea sp. pulfensis Sarracenia rubra ssp. rubra Sarracenia rubra ssp. viatorum Schizachyrium saritimum Schizachyrium maritimum Schizachyrium sericatum Schizachyrium spadicaum Schizachyrium spadicaum Schizachyrium stoolinferum var. stoloniferum Schizachyrium stoliforum	Moderate Moderate Moderate Moderate Moderate Very High Moderate High Moderate Very High Moderate High Moderate Very High High Moderate Very High High Moderate Very High Moderate Moderate Moderate Noderate Moderate	G2 G364 G2 G37 G2 G37 G2 G37 G2 G3 G3 G2 G1 G3 G3 G3 G4 G1 G3
Sabatia capitata Sabatia pandiflora Sabatia lennedyana Sachsia polycephala Sagretia minutiflora Sagittaria ambigua Sagittaria chapmanii Sagittaria scoulata Sagittaria scoulata Sagittaria scoulata Sagittaria secundifolia Sagittaria secundifolia Sagittaria secundifolia Sagittaria secundifolia Salvia penstemonoides Salvia arizonica Salvia penstemonoides Salvia sarizonica Salvia secundifolia Saracenia alabamensis ssp. alabamensis Sarracenia alabamensis ssp. whervyi Sarracenia alabamensis ssp. whervyi Sarracenia alabamensis ssp. whervyi Sarracenia propria sagitaria secundifolia Sarracenia propria sagitaria secundifolia Sarracenia in secundifolia Sarracenia rubra ssp. subtorum Sarracenia rubra ssp. rubra	Moderate Moderate Moderate Moderate Moderate Moderate Very High Moderate High Moderate High Moderate High Moderate Very High Moderate Very High Moderate Very High Moderate	G2 G364 G2 G364 G2 G37 G2 G3 G2 G3 G2 G1 G3
Sabatia capitata Sabatia lannedyana Sabatia lennedyana Sachsia polycephala Sagretia minutifiora Sagittaria ambigua Sagittaria chapmanii Sagittaria isoetiformis Sagittaria isoetiformis Sagittaria mecrocarpa Sagittaria mecrocarpa Sagittaria secundifolia Sagittaria secundifolia Sagittaria mecrocarpa Sagittaria secundifolia Sagittaria mecrocarpa Sagittaria mecrocarpa Sagittaria mecrocarpa Sagittaria mecrocarpa Sagittaria mecrocarpa Sagittaria mecrocarpa Salvia secundifolia Salvia fioridana Salvia fioridana Salvia penstemonoides Salvia penstemonoides Salvia penstemonoides Salvia penstemonoides Sarvia penstemonoide	Moderate Moderate Moderate Moderate Moderate Moderate Very High Moderate High Moderate Very High Moderate	62 6364 62 6364 62 637 62 63 63 62 63 63 63 63 63 63 63 63 63 63 63 63 63
Sabatia capitata Sabatia jamalifilora Sabatia jamalifilora Sabatia jamalifilora Sagitaria sambigua Sagitaria iambigua Sagittaria sahipua Sagittaria iambigua Sagittaria isociulata Sagittaria isociulata Sagittaria isociulata Sagittaria isociulata Sagittaria macrocarpa Sagittaria secundifolia Sagittaria secundifolia Sagittaria secundifolia Salvia penstemonoides Salvia arixonica Salvia arixonica Salvia arixonica Salvia arixonica Salvia secundifolia Salvia secundifolia Salvia secundifolia Salvia secundifolia Salvia arixonica Salvia secundifolia Salvia secundifolia Salvia arixonica Salvia secundifolia Sarracenia jalabamensis ssp. alabamensis Sarracenia jalabamensis ssp. wherryi Sarracenia jonesii Sarracenia jonesii Sarracenia jonesii Sarracenia jonesii Sarracenia puroputa var. montana Sarracenia puroputa var. montana Sarracenia rubra ssp. gulfensis Sarracenia rubra ssp. rubra Sarracenia rubra ssp. rubratorum Schizachyrium secicum Schizachyrium spadiceum	Moderate High	62 6364 62 6364 62 637 62 63 63 62 63 63 63 63 63 63 63 63 63 63 63 63 63
Sabatia capitata Sabatia pandiflora Sabatia kennedyana Sachsia polycephala Sageretia minutiflora Sagittaria embigua Sagittaria chapmanii Sagittaria chapmanii Sagittaria soetformis Sagittaria secundifolia Sagittaria secundifolia Sagittaria secundifolia Sagittaria secundifolia Sagittaria secundifolia Salvia arizonica Salvia arizonica Salvia arizonica Salvia penstemonoides Salvia penstemonoides Salvia penstemonoides Salvia penstemonoides Sarvacenia alabamensis ssp. alabamensis Sarracenia alabamensis ssp. wherryi Sarracenia jonesii Sarracenia jonesii Sarracenia jonesii Sarracenia propria var. montana Sarracenia propria var. montana Sarracenia propria var. montana Sarracenia rubra ssp. guifensis Sarracenia rubra ssp. rubra Sarracenia rubra ssp. viatorum Schizandra glabra Schizachyrium maritimum Schizachyrium maritimum Schizachyrium spadiceum Schizachyrium spadiceum Schoenoplectual haliii Schoenoplectus dubarculatus	Moderate	62 6364 62 6364 62 637 62 63 63 62 63 63 63 63 63 63 63 63 63 63 63 63 63
Sabatia capitata Sabatia ignandiflora Sabatia lennedyana Sachsia polycephala Sagretia minutiflora Sagittaria ambigua Sagittaria sambigua Sagittaria sacciulata Sagittaria isociulata Sagittaria isociulata Sagittaria isociulata Sagittaria isociulata Sagittaria macrocarpa Sagittaria secundifolia Sagittaria macrocarpa Sagittaria secundifolia Sagittaria watherbiana Salvia penstemonoides Salvia penstemonoides Salvia penstemonoides Salvia penstemonoides Salvia penstemonoides Sarvia penstemonoides Sarvia penstemonoides Sarvia penstemonoides Sarvia penstemonoides Sarracenia alabamensis ssp. alabamensis Sarracenia alabamensis ssp. wherryi Sarracenia alabamensi ssp. wherryi Sarracenia alabamensi ssp. wherryi Sarracenia posesii Sarracenia propura var. montana Sarracenia purpurea var. montana Sarracenia rubra ssp. gulfensis Sarracenia rubra ssp. pulora Sarracenia rubra ssp. vubra Sarracenia rubra ssp. vubra Sarracenia rubra ssp. vubra Schizachyrium neveum Schizachyrium spadiceum Schizachyrium spadiceum Schizachyrium spadiceum Schizachyrium spadiceum Schoenolirion albiflorum Schoenonoliron dublium Schoenonoliron wrightii Schoenoplectus deltarum Schoenoplectus deltarum Schoenoplectus deltarum Schoenoplectus deltarum Schoenoplectus deltarum Schoenoplectus deltarum Schoenoplectus eltarum Schoenoplectus deltarum Schoenoplectus deltarum Schoenoplectus deltarum	Moderate	62 6364 62 6364 62 637 62 637 62 63 63 63 6364 61 63 637 637 637 637 637 637 637 637 637
Sabatia capitata Sabatia pandiflora Sabatia lennedyana Sachsia polycephala Sagretia minutiflora Sagittaria ambigua Sagittaria chapmanii Sagittaria isociulata Sagittaria isociulata Sagittaria secundifolia Sagittaria secundifolia Sagittaria secundifolia Sagittaria secundifolia Salvia floridana Salvia floridana Salvia arizonica Salvia arizonica Salvia arizonica Salvia secundifolia Salvia secundifolia Salvia secundifolia Salvia secundifolia Salvia floridana Salvia floridana Salvia secundifolia Saracenia alabamensis ssp. alabamensis Saracenia alabamensis ssp. wherryi Saracenia alabamensis ssp. wherryi Saracenia alabamensis ssp. wherryi Saracenia jonesii Saracenia propura var. okafenoleensis Saracenia propura var. montana Saracenia robra ssp. rubra Saracenia rubra ssp. gulfensis Saracenia rubra ssp. gulfensis Saracenia rubra ssp. rubra Saracenia purpura var. montana Saracen	Moderate Moderate Moderate Moderate Moderate Moderate Very High Moderate High Moderate High Moderate Moderate Moderate High Moderate Moderate High Moderate	62 6364 6364 62 6364 62 637 62 63 62 63 63 63 63 63 63 63 63 63 63 63 63 63
Sabatia capitata Sabatia grandiflora Sabatia kennedyana Sachsia polycephala Sagereta minutriflora Sagittaria ambigua Sagittaria schupmanii Sagittaria schupmanii Sagittaria schupmanii Sagittaria scettormis Sagittaria scettormis Sagittaria secundifolia Sagittaria secundifolia Sagittaria secundifolia Sagittaria secundifolia Sagittaria weatherbiana Salvia arizonica Salvia prostemonoides Salvia arizonica Salvia srizonica Salvia semana Salvia suma Sapium caribaeum Sarracenia alabamensis ssp. alabamensis Sarracenia alabamensis ssp. wherryi Sarracenia jonesii Sarracenia propria sagitaria secundifolia Sarracenia propria var. okefenokeensis Sarracenia propria var. okefenokeensis Sarracenia propria var. okefenokeensis Sarracenia rubra ssp. gulfensis Sarracenia rubra ssp. rubra Sarracenia rubra ssp. rubra Sarracenia rubra ssp. viatorum Schisandria glabra Schizachyrium maritimum Schizachyrium sericatum Schizachyrium sericatum Schoenocaulon dubium Schoenolirion wrightii Schoenoplectus delaruru Schoenoplectus etuberculatus Schivalbea americana Scripus adiscricatus Scripus discidifolius	Moderate Moderate Moderate Moderate Moderate Very High Moderate High Moderate Very High Moderate High Very High Moderate High Moderate High Moderate High Moderate High Moderate High Moderate	62 6364 6364 62 637 63 62 63 63 62 63 63 63 63 63 63 637 631172 6313 62 63 634 641273 63 6364 6364 6364 6364 6364 6364 637 6364 637 637 6364 637 637 637 637 638 638 638 638 639 638 639 639 639 639 639 639 639 639 639 639
Sabatia capitata Sabatia pandiflora Sabatia lennedyana Sachsia polycephala Sagretia minutiflora Sagittaria ambigua Sagittaria chapmanii Sagittaria isociulata Sagittaria isociulata Sagittaria secundifolia Sagittaria secundifolia Sagittaria secundifolia Sagittaria secundifolia Salvia floridana Salvia floridana Salvia arizonica Salvia arizonica Salvia arizonica Salvia secundifolia Salvia secundifolia Salvia secundifolia Salvia secundifolia Salvia floridana Salvia floridana Salvia secundifolia Saracenia alabamensis ssp. alabamensis Saracenia alabamensis ssp. wherryi Saracenia alabamensis ssp. wherryi Saracenia alabamensis ssp. wherryi Saracenia jonesii Saracenia propura var. okafenoleensis Saracenia propura var. montana Saracenia robra ssp. rubra Saracenia rubra ssp. gulfensis Saracenia rubra ssp. gulfensis Saracenia rubra ssp. rubra Saracenia purpura var. montana Saracen	Moderate Moderate Moderate Moderate Moderate Moderate Very High Moderate High Moderate High Moderate Moderate Moderate High Moderate Moderate High Moderate	G2 G364 G2 G364 G2 G37 G2 G3 G2 G3 G2 G1 G3

Sclerocactus brevihamatus ssp. tobuschii	Moderate	G4T3
Scutellaria alabamensis	Very High	G2
Scutellaria altamaha	High	G2G3
Scutellaria arenicola	Moderate	G3G4
Scutellaria bushii	Moderate	G3
Scutellaria floridana		G2
	Very High	
Scutellaria glabriuscula	Very High	G2
Scutellaria havanensis	Moderate	G3G4
Scutellaria laevis	Very High	G1
Scutellaria mellichampii	Moderate	G3
Scutellaria ocmulgee	Very High	G2
Scutellaria parvula var. missouriensis	Moderate	G4T4
Scutellaria pseudoserrata	Moderate	G3
Scutellaria saxatilis	Moderate	G3G4
Scutellaria thieretii	Very High	G2Q
Sedum havardii	Very High	G2
Sedum nevii	Moderate	G3
Sedum pusillum	Moderate	G3
Sedum robertsianum	Very High	G1Q
Selaginella armata	Moderate	G3G4
Selaginella eatonii	High	G2G3
Selaginella Iudoviciana	Moderate	G3G4
Selaginella tortipila	Moderate	G3
Selaginella viridissima	Very High	G2
Selenia grandis	Moderate	G3
Selenia jonesii	Moderate	G3
Selinocarpus maloneanus	Very High	G1
Senecio quaylei	Very High	G1Q
Senecio warnockii	Moderate	G3Q
		G2
Senna orcuttii	Very High	
Senna ripleyana	Very High	G1
Sesuvium trianthemoides	Very High	GH
Seymeria texana	Moderate	G3
Shortia brevistyla	Very High	G2
Shortia galacifolia	High	G2G3
Sibara grisea	High	G3
Sicyos glaber	High	G3
Sida inflexa	Very High	G1Q
Sidalcea neomexicana ssp. thurberi	Moderate	G4T3T4
Sideroxylon alachuense	Very High	G1
Sideroxylon macrocarpum	Moderate	G3Q
Sideroxylon reclinatum ssp. austrofloridense	Moderate	G4G5T3
Sideroxylon reclinatum ssp. rufotomentosum	Moderate	G4G5T3
Sideroxylon tenax	Moderate	G3?
		G3
Sideroxylon thornei	High	
Silene caroliniana ssp. wherryi	Moderate	G5T2T4Q
Silene ovata	Moderate	G3
1	Marie Children	
Silene plankii	Very High	G2
Silene plankii Silene polypetala	Marie Children	G2 G2
	Very High	
Silene polypetala Silene regia	Very High Very High Moderate	G2 G3
Silene polypetala Silene regia Silene subciliata	Very High Very High Moderate Moderate	G2 G3 G3
Silene polypetala Silene regia Silene subciliata Silene virginica var. robusta	Very High Very High Moderate Moderate High	G2 G3 G3 G5T2T3
Silene polypetala Silene regia Silene subcilitata Silene virginica var. robusta Silphium brachiatum	Very High Very High Moderate Moderate High Moderate	G2 G3 G3 G5T2T3 G3
Silene polypetala Silene regia Silene subcilitata Silene virginica var. robusta Silphium brachiatum Silphium compositum var. venosum	Very High Noderate Moderate High Moderate Moderate Moderate Moderate	G2 G3 G3 G5T2T3 G3 G5T3T4
Silene polypetala Silene regia Silene subciliata Silene virginica var. robusta Silphium brachiatum Silphium compositum var. venosum Silphium glutinosum	Very High Nederate Moderate High Moderate Moderate Moderate Moderate Moderate Moderate Very High	G2 G3 G3 G572T3 G3 G573T4
Silene polypetala Silene regia Silene subcilitata Silene virginica var. robusta Silphium brachiatum Silphium compositum var. venosum	Very High Noderate Moderate High Moderate Moderate Moderate Moderate	G2 G3 G3 G5T2T3 G3 G5T3T4
Silene polypetala Silene regia Silene subciliata Silene virginica var. robusta Silphium brachiatum Silphium compositum var. venosum Silphium glutinosum	Very High Nederate Moderate High Moderate Moderate Moderate Moderate Moderate Moderate Very High	G2 G3 G3 G572T3 G3 G573T4
Silene polypetala Silene regia Silene subciliata Silene virginica var. robusta Silphium brachitatum Silphium brachitatum Silphium compositum var. venosum Silphium glutinosum	Very High Very High Moderate Moderate High Moderate Moderate Exercise Service Service Moderate Very High Moderate Moderate	G2 G3 G3 G5T2T3 G3 G5T3T4 G2 G37Q
Silene polypetala Silene regia Silene virginica var. robusta Silene virginica var. robusta Silphium brachiatum Silphium compositum var. venosum Silphium glutinosum Silphium mohrii Silphium perfoliatum var. connatum	Very High Very High Moderate Moderate High Moderate Wooderate Wooderate Moderate Moderate Moderate Moderate Moderate Moderate	G2 G3 G3 G5T2T3 G3 G5T3T4 G2 G3?Q G5T3T4
Silene polypetala Silene regia Silene subcilitata Silene virginica var. robusta Silphium brachiatum Silphium compositum var. venosum Silphium glutinosum Silphium glutinosum Silphium perfoliatum var. connatum Silphium perfoliatum var. connatum	Very High Very High Moderate Moderate High Moderate Wery High Moderate Wery High Moderate Moderate Moderate Moderate Moderate	G2 G3 G3 G5T2T3 G3 G5T3T4 G2 G37Q G5T3T4 G1
Silene polypetala Silene regia Silene regia Silene subciliata Silene virginica var. robusta Silphium parchiatum Silphium compositum var. venosum Silphium glutinosum Silphium mohrii Silphium perfoliatum var. connatum Silphium perplexum Silphium perplexum Silphium preplexum Silphium preplexum	Very High Very High Moderate Moderate High Moderate High Moderate Very High Moderate Very High Moderate Moderate Moderate High Moderate High Moderate High Moderate High	G2 G3 G3 G5T2T3 G3 G5T3T4 G2 G37Q G5T3T4 G1 G3Q G1G3Q
Silene polypetala Silene regia Silene virginica var. robusta Silene virginica var. robusta Silphium brachiatum Silphium compositum var. venosum Silphium gutinosum Silphium perfoliatum var. connatum Silphium perfoliatum var. connatum Silphium perfoliatum var. connatum Silphium perfoliatum Silphium simpsonii	Very High Very High Moderate Moderate High Moderate Hoderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate High Moderate High Moderate High Moderate High Moderate	G2 G3 G3 G51273 G3 G51374 G2 G337Q G51374 G1 G30Q G50Q G103Q G32Q
Silene polypetala Silene regia Silene regia Silene virginica var. robusta Silphium brachiatum Silphium compositum var. venosum Silphium glutinosum Silphium glutinosum Silphium perfoliatum var. connatum Silphium perfoliatum var. connatum Silphium perfoliatum var. connatum Silphium perfoliatum var. sonnatum Silphium perplexum Silphium reverchonii Silphium terebinthinaceum var. luciae-brauniae	Very High Moderate Moderate High Moderate High Moderate	G2 G3 G3 G512T3 G3 G573T4 G2 G37Q G573T4 G1 G3Q G1G3Q G1G3Q G4G5T37Q
Silene polypetala Silene regia Silene viginica var. robusta Silehium brachiatum Silphium brachiatum Silphium compositum var. venosum Silphium glutinosum Silphium mornii Silphium perfoliatum var. connatum Silphium perfoliatum var. connatum Silphium perfoliatum var. connatum Silphium perfoliatum var. sonnatum Silphium sinnatifidum Silphium sinnatifidum Silphium sinnatifidum Silphium treverchonii Silphium sinpsonii Silphium terebinthinaceum var. luciae-brauniae	Very High Very High Moderate Moderate High Moderate Moderate Moderate Very High Moderate Moderate Moderate Moderate Moderate High Moderate High Moderate High Moderate High Moderate Moderate	G2 G3 G3 G512T3 G3 G513T4 G2 G37Q G513T4 G1 G3Q G1G3Q G36Q G36Q G36Q G465T37Q G3
Silene polypetala Silene regia Silene regia Silene vignica var. robusta Silene virgnica var. robusta Silphium brachiatum Silphium compositum var. venosum Silphium glutinosum Silphium mohrii Silphium perfoliatum var. connatum Silphium perfoliatum var. connatum Silphium peripexum Silphium pinnatifidum Silphium simpsonii Silphium simpsonii Silphium simpsonii Silphium simpsonii Silphium terebinthinaceum var. luciae-brauniae Silphium vasiotense Silphium solotense	Very High Very High Moderate Moderate High Moderate High Moderate Pery High Moderate Moderate High Moderate	G2 G3 G3 G3 G51213 G3 G57374 G2 G37Q G57374 G1 G3Q G1G3Q G37Q G4G5737Q G3 G4G5737Q G3 G4G5737Q
Silene polypetala Silene regia Silene subcilitata Silene virginica var. robusta Silene virginica var. robusta Silphium brachiatum Silphium compositum var. venosum Silphium morbrii Silphium perfoliatum var. connatum Silphium perfoliatum var. connatum Silphium perfoliatum var. connatum Silphium perfoliatum Silphium simpsonii Silphium simpsonii Silphium terabinthinaceum var. luciae-brauniae Silphium vasiotense Silphium vasiotense Silphium simpsoni Silphium simpsonii	Very High Very High Moderate Moderate High Moderate Hoderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate High Moderate Lery High	G2 G3 G512713 G3 G512713 G3 G513714 G2 G3370, G573714 G1 G30, G3030, G4057370, G4057370, G3 G204 G1062
Silene polypetala Silene regia Silene susciliata Silene virginica var. robusta Silphium brachiatum Silphium brachiatum Silphium compositum var. venosum Silphium glutinosum Silphium perfoliatum var. connatum Silphium perfoliatum var. connatum Silphium perfoliatum var. connatum Silphium perfoliatum var. sonnatum Silphium perfoliatum Silphium terebintiniacum var. luciae-brauniae Silphium terebinthinaceum var. luciae-brauniae Silphium vasiotense Silphium daciphium Sisyrinchium calciphium Sisyrinchium calciphium	Very High Very High Moderate Moderate High Moderate High Moderate Wery High Moderate Very High Moderate Moderate Moderate Moderate Moderate Moderate High Moderate	G2 G3 G3 G512T3 G3 G513T4 G2 G32Q G573T4 G1 G3Q G61G3Q G637Q G465T37Q G3 G465T37Q G3 G204 G3
Silene polypetala Silene regia Silene virginica var. robusta Silphium brachiatum Silphium brachiatum Silphium glutinosum Silphium mohrii Silphium perfoliatum var. venosum Silphium perfoliatum var. connatum Silphium perfoliatum var. connatum Silphium perfoliatum var. connatum Silphium perfoliatum var. sonnatum Silphium perfoliatum var. sonnatum Silphium perfoliatum var. sonnatum Silphium teverchonii Silphium teverchonii Silphium teverchonii Silphium terebinthinaceum var. luciae-brauniae Silphium vasiotense Silphium despiratum var. sonnatum Silphium vasiotense Silphium vasiotense Silphium vasiotense Silphium vasiotense Silphium despiratum calciphilum Sisyrinchium capillare Sisyrinchium dichotomum	Very High Moderate Moderate High Moderate High Moderate High Moderate Moderate Moderate Moderate Moderate Moderate Moderate High Moderate	G2 G3 G3 G51213 G3 G51314 G2 G32Q G51314 G1 G3Q G1G3Q G33Q G4G5137Q G4G5137Q G3 G2G4 G1G2 G3 G3 G3 G3 G3 G3 G3 G3 G3 G3 G3 G3 G3
Silene polypetala Silene regia Silene susciliata Silene virginica var. robusta Silphium brachiatum Silphium brachiatum Silphium compositum var. venosum Silphium glutinosum Silphium perfoliatum var. connatum Silphium perfoliatum var. connatum Silphium perfoliatum var. connatum Silphium perfoliatum var. sonnatum Silphium perfoliatum Silphium terebintiniacum var. luciae-brauniae Silphium terebinthinaceum var. luciae-brauniae Silphium vasiotense Silphium daciphium Sisyrinchium calciphium Sisyrinchium calciphium	Very High Very High Moderate Moderate High Moderate High Moderate Wery High Moderate Very High Moderate Moderate Moderate Moderate Moderate Moderate High Moderate	G2 G3 G3 G51213 G3 G51314 G2 G320 G57374 G1 G30 G1030 G370 G4657370 G3 G204 G102 G3
Silene polypetala Silene regia Silene virginica var. robusta Silphium brachiatum Silphium brachiatum Silphium glutinosum Silphium mohrii Silphium perfoliatum var. venosum Silphium perfoliatum var. connatum Silphium perfoliatum var. connatum Silphium perfoliatum var. connatum Silphium perfoliatum var. sonnatum Silphium perfoliatum var. sonnatum Silphium perfoliatum var. sonnatum Silphium teverchonii Silphium teverchonii Silphium teverchonii Silphium terebinthinaceum var. luciae-brauniae Silphium vasiotense Silphium despiratum var. sonnatum Silphium vasiotense Silphium vasiotense Silphium vasiotense Silphium vasiotense Silphium despiratum calciphilum Sisyrinchium capillare Sisyrinchium dichotomum	Very High Moderate Moderate High Moderate High Moderate High Moderate Moderate Moderate Moderate Moderate Moderate Moderate High Moderate	G2 G3 G3 G51213 G3 G51314 G2 G32Q G51314 G1 G3Q G1G3Q G33Q G4G5137Q G4G5137Q G3 G2G4 G1G2 G3 G3 G3 G3 G3 G3 G3 G3 G3 G3 G3 G3 G3
Silene polypetala Silene regia Silene vispinica var. robusta Silphium brachiatum Silphium prachiatum Silphium glutinosum Silphium morbii Silphium perfoliatum var. venosum Silphium perfoliatum var. connatum Silphium perfoliatum var. connatum Silphium perfoliatum var. connatum Silphium perfoliatum var. sonnatum Silphium perfoliatum Silphium simpsonii Silphium simpsonii Silphium terebinthinaceum var. luciae-brauniae Silphium vasiotense Siphonoglossa longiflora Sisyrinchium capillare Sisyrinchium capillare Sisyrinchium dichotomum Sisyrinchium dichotomum	Very High Very High Moderate Moderate High Moderate High Moderate Very High Moderate Very High Moderate Moderate High Moderate High Moderate High Moderate High Moderate High Moderate High Moderate Very High Moderate High Moderate High Moderate Very High Moderate	G2 G3 G3 G3 G3 G3 G57273 G3 G57374 G2 G37Q G57374 G1 G3Q G1G3Q G37Q G4G5737Q G3 G2C4 G1G2 G3 G2 G3 G2 G3
Silene polypetala Silene regia Silene subcilitata Silene virginica var. robusta Silene virginica var. robusta Silphium brachiatum Silphium compositum var. venosum Silphium gutinosum Silphium perfoliatum var. connatum Silphium perfoliatum var. connatum Silphium perfoliatum var. connatum Silphium perfoliatum Silphium pinnatifidum Silphium simpsonii Silphium simpsonii Silphium terebinthinaceum var. luciae-brauniae Silphium vasiotense Silphium vasiotense Silphium dichotomum Sisyrinchium capillare Sisyrinchium dichotomum Sisyrinchium xerophyllum Smilax leptanthera	Very High Very High Moderate Moderate High Moderate High Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate High Moderate Very High Moderate	G2 G3 G512T3 G3 G512T3 G3 G513T4 G2 G33'Q G513T4 G1 G3Q G1G3Q G4G5T37'Q G4G5T37'Q G3 G2G4 G1G2 G3 G2G4 G1G2 G3 G2G4 G1G2 G3 G4 G1G4 G1G5 G3 G4
Silene polypetala Silene regia Silene virginica var. robusta Silphium brachiatum Silphium brachiatum Silphium compositum var. venosum Silphium glutinosum Silphium morbiii Silphium perfoliatum var. connatum Silphium perfoliatum var. connatum Silphium perfoliatum var. connatum Silphium perfoliatum var. connatum Silphium perfoliatum Silphium reverchonii Silphium reverchonii Silphium terebinthinaceum var. luciae-brauniae Silphium terebinthinaceum var. luciae-brauniae Silphium vasiotense Siphonoglossa longiflora Sisyrinchium calciphilum Sisyrinchium calciphilum Sisyrinchium calciphium Sisyrinchium calciphium Sisyrinchium calciphium Sisyrinchium varophyllum Similax leptanthera Similax leptanthera Similax reptanticia	Very High Very High Moderate Moderate High Moderate High Moderate High Moderate Dery High	G2 G3 G3 G51213 G3 G51314 G2 G37Q G51314 G1 G3Q G11G3Q G41G37Q G337Q G4G5137Q G3 G2G4 G11G2 G3 G2G4 G11G2 G3 G2G4 G11G2 G3 G2G4 G11G2 G3 G2G4 G3 G2G4 G3 G2G4 G3 G4G5137Q G3 G2G4 G3 G4G5137Q G3 G57 G4G5137Q G3 G57
Silene polypetala Silene regia Silene visionica var. robusta Silphium brachiatum Silphium prachiatum Silphium glutinosum Silphium glutinosum Silphium perfoliatum var. venosum Silphium perfoliatum var. connatum Silphium perfoliatum var. connatum Silphium perfoliatum var. connatum Silphium perplexum Silphium perplexum Silphium invarifidum Silphium invarifidum Silphium severchonii Silphium teverchonii Silphium teverchonii Silphium terebinthinaceum var. luciae-brauniae Silphium wasiotense Silphiungoonii Silphium wasiotense Silphium wasiotense Silphium davisense Silphium severchium dichotomum Sisyrinchium dichotomum Sisyrinchium keptamthera Similax renifolia Solanum caroliiense var. hirsutum Solanum davisense	Very High Very High Moderate Moderate High Moderate High Moderate Sery High Moderate Very High Moderate High Moderate Wery High Moderate Very High High High	G2 G3 G3 G3 G3 G3 G572T3 G3 G573T4 G2 G37Q G465T374 G1 G3Q G1G3Q G337Q G465T37Q G3 G2G4 G1G2 G3 G2G4 G1G2 G3 G3 G2G4 G1G2 G3 G3 G2 G3 G4 G5 G3 G5 G3 G6 G1 G3 G3 G5
Silene polypetala Silene regia Silene subcilitata Silene virginica var. robusta Silene virginica var. robusta Silphium brachiatum Silphium compositum var. venosum Silphium gutinosum Silphium perfoliatum var. connatum Silphium perfoliatum var. connatum Silphium perfoliatum var. connatum Silphium perfoliatum Silphium pinnatifidum Silphium simpsonii Silphium varsiotenoii Silphium simpsonii Silphium terebinthinaceum var. luciae-brauniae Silphium vasiotenoe Silphium vasiotenoe Silphium vasiotenoe Silphium simpsonii Silphium terebinthinaceum var. luciae-brauniae Silphium vasiotenoe Silphium simpsonii Silphium terebinthinaceum var. luciae-brauniae Sil	Very High Very High Moderate Moderate High Moderate High Moderate Moderate Very High Moderate Moderate Moderate Very High Moderate Ling Modera	G2 G3 G51273 G3 G51273 G3 G51374 G2 G3370 G51374 G1 G30 G4057370 G4057370 G3 G4057370 G3 G204 G102 G3 G204 G102 G3 G204 G102 G3 G3 G204 G102 G3 G3 G204 G102 G3 G3 G4 G102 G3 G3 G4 G102 G3 G3 G4 G3 G5T1 G3 G5T1
Silene polypetala Silene regia Silene suscilitata Silene virginica var. robusta Silphium brachiatum Silphium compositum var. venosum Silphium glutinosum Silphium perfoliatum var. connatum Silphium perfoliatum var. connatum Silphium perfoliatum var. connatum Silphium perfoliatum var. connatum Silphium perfoliatum Silphium simponii Silphium simponii Silphium simponii Silphium sterbinthinaceum var. luciae-brauniae Silphium saiotense Solanum davisense Solanum davisense Solanum leptosepalum Solidago albopilosa	Very High Very High Moderate Moderate High Moderate High Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate High Moderate Wery High Moderate Very High Very High Very High Very High	G2 G3 G3 G51213 G3 G51314 G2 G3370 G51374 G1 G30 G611630 G4651370 G3 G264 G162 G3 G2 G3 GHQ G3 G511
Silene polypetala Silene regia Silene supcilitata Silene virginica var. robusta Silphium brachiatum Silphium compositum var. venosum Silphium glutinosum Silphium perfoliatum var. connatum Silphium perfoliatum var. connatum Silphium perfoliatum var. connatum Silphium perfoliatum Silphium reverchonii Silphium reverchonii Silphium terebinthinaceum var. luciae-brauniae Silphium terebinthinaceum var. silphium vasiotense Silphium silphium silphium vasiotense Silphium calciphilum Sisyrinchium calciphilum Sisyrinchium calciphilum Sisyrinchium calciphium Sisyrinchium rephyllum Sisyrinchium carolinense var. hirsutum Solanum carolinense var. hirsutum Solanum davisense Solanum leptosepalum Solanum leptosepalum Solidago aleopilosa Solidago arenicola	Very High Very High Moderate Moderate High Moderate High Moderate High Moderate High Moderate High Moderate High Moderate Lingh Migh Lingh	G2 G3 G3 G51213 G3 G51314 G2 G5720 G57314 G1 G3Q G611G3Q G405737Q G3 G2G4 G11G2 G3 G2 G3 G2 G3 G2 G3 G1G2 G3 G1G2 G3 G1G2 G3 G4G5737Q G3 G2G4 G11G2 G3 G2 G3 G2 G3 G4Q G4
Silene polypetala Silene regia Silene suscilitata Silene virginica var. robusta Silphium brachiatum Silphium compositum var. venosum Silphium glutinosum Silphium perfoliatum var. connatum Silphium perfoliatum var. connatum Silphium perfoliatum var. connatum Silphium perfoliatum var. connatum Silphium perfoliatum Silphium simponii Silphium simponii Silphium simponii Silphium sterbinthinaceum var. luciae-brauniae Silphium saiotense Solanum davisense Solanum davisense Solanum leptosepalum Solidago albopilosa	Very High Very High Moderate Moderate High Moderate High Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate High Moderate Wery High Moderate Very High Very High Very High Very High	G2 G3 G3 G51213 G3 G51314 G2 G3370 G51374 G1 G30 G611630 G4651370 G3 G264 G162 G3 G2 G3 GHQ G3 G511
Silene polypetala Silene regia Silene supcilitata Silene virginica var. robusta Silphium brachiatum Silphium compositum var. venosum Silphium glutinosum Silphium perfoliatum var. connatum Silphium perfoliatum var. connatum Silphium perfoliatum var. connatum Silphium perfoliatum Silphium reverchonii Silphium reverchonii Silphium terebinthinaceum var. luciae-brauniae Silphium terebinthinaceum var. silphium vasiotense Silphium silphium silphium vasiotense Silphium calciphilum Sisyrinchium calciphilum Sisyrinchium calciphilum Sisyrinchium calciphium Sisyrinchium rephyllum Sisyrinchium carolinense var. hirsutum Solanum carolinense var. hirsutum Solanum davisense Solanum leptosepalum Solanum leptosepalum Solidago aleopilosa Solidago arenicola	Very High Very High Moderate Moderate High Moderate High Moderate High Moderate High Moderate High Moderate High Moderate Lingh Migh Lingh	G2 G3 G3 G51213 G3 G51314 G2 G5720 G57314 G1 G3Q G611G3Q G405737Q G3 G2G4 G11G2 G3 G2 G3 G2 G3 G2 G3 G1G2 G3 G1G2 G3 G1G2 G3 G4G5737Q G3 G2G4 G11G2 G3 G2 G3 G2 G3 G4Q G4
Silene polypetala Silene regia Silene visciliata Silene virginica var. robusta Silphium brachiatum Silphium compositum var. venosum Silphium glutinosum Silphium glutinosum Silphium perfoliatum var. connatum Silphium perfoliatum var. connatum Silphium perplexum Silphium perserbonii Silphium reverchonii Silphium reverchonii Silphium terebinthinaceum var. luciae-brauniae Silphium terebinthinaceum var. luciae-brauniae Silphium uracipinium Silphium wasiotense Silphium dichotomi Sisyrinchium capillare Sisyrinchium capillare Sisyrinchium capillare Sisyrinchium verophyllum Smilax leptanteia Sisyrinchium verophyllum Smilax leptanteia Solanum davisense Solanum leptosepalum Solidago albopilosa Solidago arguta var. neurolepis	Very High Very High Moderate Moderate High Moderate High Moderate Sery High Moderate Very High Moderate Moderate High Moderate Moderate High Moderate Very High High High High High High High	G2 G3 G3 G3 G3 G51213 G3 G51314 G2 G51314 G1 G3Q G1163Q G337Q G465137Q G3 G264 G1162 G3 G3 GHQ G3 G511 G3 G162 G3 G511 G3 G162 G3 G511 G3 G162 G3 G511
Silene polypetala Silene regia Silene subcilitata Silene virginica var. robusta Silphium brachiatum Silphium compositum var. venosum Silphium compositum var. venosum Silphium perfoliatum Silphium perfoliatum var. connatum Silphium perfoliatum var. connatum Silphium perfoliatum Silphium perfoliatum Silphium pernatifidum Silphium simpsonii Silphium simpsonii Silphium simpsonii Silphium terabinthinaceum var. luciae-brauniae Silphium vasiotense Silphium vasiotense Silphium capillare Sisyrinchium capillare Sisyrinchium capillare Sisyrinchium capillare Sisyrinchium serophyllum Smilax leptanthera Smilax renifolia Sollanum davisense Solanum davisense Solanum davisense Solanum leptosepalum Solidago aibopilosa Solidago arguta var. neurolepis Solidago auriculata	Very High Very High Moderate Moderate High Moderate High Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate High Moderate High Moderate High Moderate High Moderate Moderate High Moderate High Moderate Leny High High Leny Leny Leny Leny Leny Leny Leny Leny	G2 G3 G51273 G3 G51273 G3 G51374 G2 G3370 G51374 G1 G30 G4057370 G4057370 G3 G204 G102 G3 G204 G102 G3 G102 G3 G102 G3 G102 G3 G102 G3 G51130 G3 G511
Silene polypetala Silene regia Silene subciliata Silene virginica var. robusta Silphium brachiatum Silphium compositum var. venosum Silphium perfoliatum Silphium perfoliatum var. venosum Silphium perfoliatum var. connatum Silphium perfoliatum var. connatum Silphium perplexum Silphium perplexum Silphium reverchonii Silphium reverchonii Silphium reverchonii Silphium terebinthinaceum var. luciae-brauniae Silphium usaiotense Silphium deribinthinaceum var. suciae-brauniae Silphium susiotense Silphium calciphilum Sisyrinchium calciphilum Sisyrinchium calciphilum Sisyrinchium calciphilum Sisyrinchium calciphilum Sisyrinchium dichotomum Sisyrinchium kerbothum Sisyrinchium kerbothum Solialum varolinense var. hirsutum Solanum leptosepalum Solidago alustrocaroliniana Solidago a gruta var. neurolepis Solidago a ustrocaroliniana Solidago a ustrocaroliniana	Very High Very High Moderate Moderate High Moderate High Moderate High Moderate High Moderate High Moderate High Moderate Dery, High Moderate Very, High Moderate Dery, High Moderate Dery, High High Moderate Dery, High High Moderate Dery, High High Moderate Dery, High High High Moderate Dery, High Moderate	G2 G3 G3 G51213 G3 G51214 G2 G320, G551314 G1 G30, G51314 G1 G30, G61630, G3370, G4657370, G3 G264 G1162 G3 G2 G3 G2 G3 G162 G3 G5711 G3 G7
Silene polypetala Silene regia Silene visciliata Silene virginica var. robusta Silphium brachiatum Silphium compositum var. venosum Silphium glutinosum Silphium mohrii Silphium mohrii Silphium perfoliatum var. connatum Silphium perplexum Silphium perserionii Silphium reverchonii Silphium reverchonii Silphium terebinthinaceum var. luciae-brauniae Silphium terebinthinaceum var. luciae-brauniae Silphium uraiotense Silphium vasiotense Silphium vasiotense Silphium vasiotense Silphium var. Sil	Very High Very High Moderate Moderate High Moderate High Moderate Moderate Moderate Moderate Moderate Moderate High Moderate Moderate High Moderate Moderate High Moderate Moderate High Moderate High Moderate High Moderate Moderate High High Moderate Moderate High High Moderate Moderate High High Moderate Moderate High Moderate High Moderate High Moderate High Moderate High Moderate	G2 G3 G3 G3 G3 G3 G3 G3 G51213 G3 G51314 G2 G32Q G51314 G1 G3Q G1G3Q G1G3Q G4G5737Q G3 G2G4 G1G2 G3 G2G4 G1G2 G3 G1G2 G3 G5111 G3 G5102 G4 G511 G3 G5102 G4 G511 G3 G1G2 G2 G2 G2 G3 G51113Q G4 GH GH GH GH GH
Silene polypetala Silene regia Silene regia Silene subcilitata Silene virginica var. robusta Silphium brachiatum Silphium compositum var. venosum Silphium gutinosum Silphium perfoliatum var. connatum Silphium perfoliatum var. connatum Silphium perfoliatum var. connatum Silphium perfoliatum Silphium perfoliatum Silphium simpsonii Silphium variotum Silphium terabinthinaceum var. luciae-brauniae Silphium vasiotense Silphium vasiotense Silphium vasiotense Silphium dichotomum Sisyrinchium capillare Sisyrinchium capillare Sisyrinchium capillare Sisyrinchium capillare Solanum davisense Solanum leptosepalum Solidaga altopitosa Solidaga arenicola Solidaga o arenicola Solidaga o aurtocaroliniana Solidaga o aurtocaroliniana Solidaga o grauta var. neurolepis Solidaga o gautavar.	Very High Very High Moderate Moderate High Moderate High Moderate Moderate Moderate Moderate Moderate Moderate Moderate High Moderate List List List List List List List List	G2 G3 G51273 G3 G512713 G3 G513714 G2 G3370, G513714 G1 G30, G1030, G4057370, G3 G4057370, G3 G204 G102 G3 G204 G102 G3 G102 G3 G102 G3 G5711 G3 G571 G57
Silene polypetala Silene regia Silene subcilitata Silene virginica var. robusta Silphium brachiatum Silphium compositum var. venosum Silphium gutinosum Silphium perfoliatum var. venosum Silphium perfoliatum var. connatum Silphium perfoliatum var. connatum Silphium perfoliatum var. connatum Silphium perfoliatum Silphium simpsonii Silphium simpsonii Silphium simpsonii Silphium terebinthinaceum var. luciae-brauniae Silphium terebinthinaceum var. luciae-brauniae Silphium sasiotenee Silphium calciphilum Sisyrinchium calciphilum Sisyrinchium calciphilum Sisyrinchium calciphilum Sisyrinchium calciphilum Sisyrinchium dehotomum Sisyrinchium achidentomum Sisyrinchium acrophyllum Smilax teptanthera Smilax renifolia Solanum arolinense var. hirsutum Solanum davisense Solanum leptosepalum Solidago arenicola Solidago arguta var. neurolepis Solidago arguta var. neurolepis Solidago arguta var. neurolepis Solidago austrocaroliniana Solidago fourcibus Solidago fourcibus Solidago gattingeri	Very High Very High Moderate Moderate High Moderate High Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate High Moderate High Moderate High Moderate High Moderate Moderate Very High High High High High High High High	G2 G3 G3 G512T3 G3 G513T4 G2 G3370 G513T4 G1 G30 G61630 G465T370 G3 G264 G162 G3 G4C G3 G4C G3 G4C G3 G4C G4C G3 G4C
Silene polypetala Silene regia Silene subciliata Silene virginica var. robusta Silphium brachiatum Silphium compositum var. venosum Silphium glutinosum Silphium glutinosum Silphium perfoliatum var. connatum Silphium perfoliatum var. connatum Silphium perfoliatum var. connatum Silphium perfoliatum var. connatum Silphium reverchonii Silphium reverchonii Silphium terebinthinaceum var. luciae-brauniae Silphium terebinthinaceum var. luciae-brauniae Silphium vasiotense Silphonoglossa longiflora Sisyrinchium calciphilum Sisyrinchium calciphilum Sisyrinchium calciphilum Sisyrinchium dichotomum Sisyrinchium dichotomum Sisyrinchium carolinense var. hirsutum Solanum partinense var. hirsutum Solanum davisense Solanum davisense Solanum davisense Solidago arenicola Solidago aruculata Solidago aruculata Solidago aruculata Solidago paruculata Solidago paruculata Solidago goorgiina	Very High Very High Very High Moderate Moderate High Moderate Moderate Very High Moderate Moderate Moderate High Moderate High Moderate High Moderate High Moderate High Moderate High Moderate Very High Moderate	G2 G3 G3 G3 G51213 G3 G51314 G2 G370, G57374 G1 G30, G61630, G3370, G4657370, G3 G264 G1162 G3 G2 G3 G2 G3 G57 G4 G4 G4 G4 G4 G4 G4 G4 G4 G5 G3 G4 G6 G4 G6 G3 G6 G6 G7
Silene polypetala Silene regia Silene subcilitata Silene virginica var. robusta Silphium brachiatum Silphium compositum var. venosum Silphium gutinosum Silphium perfoliatum var. venosum Silphium perfoliatum var. connatum Silphium perfoliatum var. connatum Silphium perfoliatum var. connatum Silphium perfoliatum Silphium simpsonii Silphium simpsonii Silphium simpsonii Silphium terebinthinaceum var. luciae-brauniae Silphium terebinthinaceum var. luciae-brauniae Silphium sasiotenee Silphium calciphilum Sisyrinchium calciphilum Sisyrinchium calciphilum Sisyrinchium calciphilum Sisyrinchium calciphilum Sisyrinchium dehotomum Sisyrinchium achidentomum Sisyrinchium acrophyllum Smilax teptanthera Smilax renifolia Solanum arolinense var. hirsutum Solanum davisense Solanum leptosepalum Solidago arenicola Solidago arguta var. neurolepis Solidago arguta var. neurolepis Solidago arguta var. neurolepis Solidago austrocaroliniana Solidago fourcibus Solidago fourcibus Solidago gattingeri	Very High Very High Moderate Moderate High Moderate High Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate High Moderate High Moderate High Moderate High Moderate Moderate Very High Moderate	G2 G3 G3 G51213 G3 G51213 G3 G51314 G2 G3370 G51314 G1 G30 G611630 G4651370 G3 G264 G162 G3 G4C G3 G4C G3 G4C G3 G4C G3 G4C G3 G4C G4
Silene polypetala Silene regia Silene subciliata Silene virginica var. robusta Silphium brachiatum Silphium compositum var. venosum Silphium glutinosum Silphium glutinosum Silphium perfoliatum var. connatum Silphium perfoliatum var. connatum Silphium perfoliatum var. connatum Silphium perfoliatum var. connatum Silphium reverchonii Silphium reverchonii Silphium terebinthinaceum var. luciae-brauniae Silphium terebinthinaceum var. luciae-brauniae Silphium vasiotense Silphonoglossa longiflora Sisyrinchium calciphilum Sisyrinchium calciphilum Sisyrinchium calciphilum Sisyrinchium dichotomum Sisyrinchium dichotomum Sisyrinchium carolinense var. hirsutum Solanum partinense var. hirsutum Solanum davisense Solanum davisense Solanum davisense Solidago arenicola Solidago aruculata Solidago aruculata Solidago aruculata Solidago paruculata Solidago paruculata Solidago goorgiina	Very High Very High Very High Moderate Moderate High Moderate Moderate Very High Moderate Moderate Moderate High Moderate High Moderate High Moderate High Moderate High Moderate High Moderate Very High Moderate	G2 G3 G3 G3 G51213 G3 G51314 G2 G370, G57374 G1 G30, G61630, G3370, G4657370, G3 G264 G1162 G3 G2 G3 G2 G3 G57 G4 G4 G4 G4 G4 G4 G4 G4 G4 G5 G3 G4 G6 G4 G6 G3 G6 G6 G7
Silene polypetala Silene regia Silene subciliata Silene virginica var. robusta Silphium brachiatum Silphium prachiatum Silphium glutinosum Silphium glutinosum Silphium melitinosum Silphium perfoliatum var. connatum Silphium perfoliatum var. connatum Silphium perfoliatum var. connatum Silphium perfoliatum Silphium perfoliatum Silphium reverchonii Silphium reverchonii Silphium impaonii Silphium terebirthinaceum var. luciae-brauniae Silphium vasiotense Silphium vasiotense Silphium vasiotense Silphium calciphilum Sisyrinchium calciphilum Solialum calciphilum Solialum davisense Solianum leptosepalum Solidago arguta var. neurolepis Solidago arguta var. neurolepis Solidago arguta var. neurolepis Solidago aruriculata Solidago particulata Solidago particulata Solidago particulata Solidago particulata Solidago particulata Solidago gattingeri Solidago gomerata	very High Sery High Moderate Moderate High Moderate High Moderate Moderate Moderate Moderate Moderate Moderate High Moderate Moderate High Moderate Moderate High Moderate	G2 G3 G3 G3 G3 G3 G3 G572T3 G3 G573T4 G2 G37Q G573T4 G1 G3Q G1G3Q G465T37Q G3 G2G4 G31G2 G3 G2G4 G3 G1G2 G3 G571 G3 G4G5T37Q G3 G571 G3 G4C5T37Q G3 G571 G4 G571 G5 G6 G7
Silene polypetala Silene regia Silene supciliata Silene virginica var. robusta Silphium brachiatum Silphium compositum var. venosum Silphium guttinosum Silphium perfoliatum var. connatum Silphium perfoliatum var. connatum Silphium perfoliatum var. connatum Silphium perfoliatum var. connatum Silphium perfoliatum Silphium simpsonii Silphium simpsonii Silphium terebinthinaceum var. luciae-brauniae Silphium terebinthinaceum var. luciae-brauniae Silphium saintene Silphium calciphilum Sisyrinchium calciphilum Sisyrinchium calciphilum Sisyrinchium calciphilum Sisyrinchium dichotomum Sisyrinchium acliphilum Sisyrinchium acliphilum Soliatum acrolinense var. hirsutum Solanum davisense Solanum laptosepalum Solidago arenicola Solidago arenicola Solidago arguta var. neurolepis Solidago arguta var. neurolepis Solidago austrocaroliniana Solidago porreliti Solidago georgiana Solidago gorgiana Solidago gorgiana Solidago gomatii Solidago gomatii Solidago lancifolia	Very High Very High Moderate Moderate High Moderate High Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate High Moderate High Moderate High Moderate Moderate High Moderate High Moderate High Moderate Moderate Moderate Moderate Moderate High Moderate Moderate High Moderate High Moderate High Moderate Moderate High Moderate Moderate Moderate High Moderate High Moderate Moderate Moderate Moderate High Moderate	G2 G3 G3 G512T3 G3 G512T3 G3 G513T4 G2 G3370 G513T4 G1 G30 G611G30 G465T37Q G3 G2G4 G1G2 G3 G4C5T37Q G3 G5T0 G2G4 G1G2 G3 G4HQ G3 G5T0 G4C5T37Q G3 G5T1T3Q G4 G4 G1G2 G2 G2 G2 G3 G5T1T3Q G4 G1 G3 G5T1T3Q G4 G1 G3 G5T1T3Q G4 G1 G3 G5T1T3Q G4 G1 G3 G3 G5T1T3Q G4 G1 G3 G5T1T3Q G4 G1 G3 G5T1T3Q G4 G1 G3 G3 G5T1T3Q G4 G4 G4 G4 G5 G3 G5
Silene polypetala Silene regia Silene subciliata Silene virginica var. robusta Silphium brachiatum Silphium compositum var. venosum Silphium glutinosum Silphium glutinosum Silphium perfoliatum var. connatum Silphium serverchonii Silphium reverchonii Silphium terebinthinaceum var. luciae-brauniae Silphium susiotense Silphium vasiotense Silphium vasiotense Silphium calciphilum Sisyrinchium calciphilum Sisyrinchium calciphilum Sisyrinchium calciphilum Sisyrinchium calciphilum Sisyrinchium capillare Sisyrinchium capillare Sisyrinchium capillare Sisyrinchium capillare Sisyrinchium caroliphilum Solidax renifolia Solanum qavisense Solanum davisense Solanum davisense Solanum davisense Solidago areut var. neurolepis Solidago arguta var. neurolepis Solidago arguta var. neurolepis Solidago arguta var. neurolepis Solidago arguta var. neurolepis Solidago parteciata Solidago porrelli Solidago porrelli Solidago gorgiana Solidago gorgiana Solidago gomerata Solidago leavenworthii	Very High Very High Very High Moderate Moderate High Moderate High Moderate Very High Moderate Very High Moderate	G2 G3 G3 G51213 G3 G51314 G2 G320 G57374 G1 G30 G57374 G1 G30 G61630 G4657370 G3 G20 G4657370 G3 G20 G3 G40 G40 G3 G57 G57 G3 G57
Silene regia Silene regia Silene regia Silene virginica var. robusta Silphium brachiatum Silphium compositum var. venosum Silphium gutinosum Silphium gutinosum Silphium perfoliatum var. connatum Silphium perfoliatum var. connatum Silphium perfoliatum var. connatum Silphium perfoliatum Silphium perfoliatum Silphium simpsonii Silphium var. connatum Silphium var. connatum Silphium simpsonii Silphium var. december var. luciae-brauniae Silphium simpsonii Silphium simpso	Very High Very High Moderate Moderate High Moderate High Moderate High Moderate Moderate Moderate Moderate High Moderate Moderate High Moderate Moderate High Moderate High High High High High Moderate High Moderate Moderate Moderate Moderate High Moderate	G2 G3 G3 G51213 G3 G51214 G2 G33(Q G51314 G1 G3(Q G103(Q G405137(Q G3 G2(G G3 G3 G2(G G3 G3 G2(G G3 G3 G2(G G3 G3 G3 G2(G G3 G
Silene polypetala Silene regia Silene subcilitata Silene virginica var. robusta Silphium brachiatum Silphium brachiatum Silphium compositum var. venosum Silphium perfoliatum var. venosum Silphium perfoliatum var. connatum Silphium perfoliatum var. connatum Silphium perfoliatum var. connatum Silphium perfoliatum Silphium perfoliatum Silphium simpsonii Silphium simpsonii Silphium simpsonii Silphium vasiotense Silphium vasiotense Silphium derbinthinaceum var. luciae-brauniae Silphium simpsonii Silphium simpsonii Silphium simpsonii Silphium simpsonii Silphium vasiotense Silphium vasiotense Silphium vasiotense Silphium dichotomum Sisyrinchium capillare Sisyrinchium capillare Sisyrinchium acpillare Sisyrinchium acpillare Sisyrinchium acpillare Sisyrinchium acpillare Sisyrinchium acpillare Sisyrinchium serophyllum Smilax leptanthera Smilax renifolia Solianum davisense Solanum davisense Solanum davisense Solanum leptosepalum Solidago altopilosa Solidago aprenicola Solidago auriculata Solidago gurtu var. neurolepis Solidago auriculata Solidago purcephili Solidago porteliii Solidago porteliii Solidago pomerata Solidago pomerata Solidago leavenworthii Solidago leavenworthii Solidago leavenworthii Solidago pouchtensis	Very High Very High Moderate Moderate High Moderate High Moderate Moderate Moderate Moderate High High High High High High High High	G2 G3 G3 G51213 G3 G51214 G2 G33(Q G51314 G1 G3Q G51314 G1 G3Q G401632 G32(Q G405137Q G3 G204 G102 G3 G40 G3 G40 G3 G40 G40 G3 G51 G3 G51 G3 G102 G2 G3 G40 G3 G51 G3 G51 G3 G102 G3 G51 G3 G102 G3 G3 G4 G51 G3 G3 G51 G3 G3 G51 G3 G3 G3 G4 G5 G3 G5 G3 G4 G5 G3 G5 G3 G5 G3 G5 G3 G3 G4 G5 G5 G3 G5 G5 G3 G5
Silene polypetala Silene regia Silene subcilitata Silene virginica var. robusta Silene virginica var. robusta Silenium brachiatum Silenium compositum var. venosum Silenium portinium Silenium perfoliatum var. connatum Silenium perfoliatum var. connatum Silenium perfoliatum var. connatum Silenium perfoliatum var. connatum Silenium perfoliatum var. luciae-brauniae Silenium pinnatifidum Silenium simpsonii Silenium terebinthinaceum var. luciae-brauniae Silenium vasiotenee Silenium vasiotenee Silenium vasiotenee Silenium var. silenium Sisyrinchium capillare Sisyrinchium capillare Sisyrinchium capillare Sisyrinchium capillare Sisyrinchium dichotonum Sisyrinchium capillare Sisyrinchium derotopillum Smilax renifolia Solianum carolinense var. hirsutum Solanum davisense Solanum leptosepalum Solidago arenicola Solidago arenicola Solidago areguta var. neurolepis Solidago arguta var. neurolepis Solidago austrocaroliniana Solidago parculutata Solidago parculutata Solidago georgiana Solidago gorgiana Solidago gorgiana Solidago golomerata Solidago lancriolia Solidago lancriolia Solidago omolis var. angustata Solidago pulmosa	Very High Very High Moderate Moderate High Moderate High Moderate High Moderate Moderate Moderate Moderate Moderate High Moderate Leny High Moderate Moderate Moderate Moderate Moderate Moderate High Leny High Moderate Moderate Moderate High Moderate Moderate High Moderate Moderate Moderate High Moderate Leny High Leny	G2 G3 G3 G512T3 G3 G512T3 G3 G513T4 G2 G3370 G513T4 G1 G30 G613G30 G465T37Q G3 G2G4 G1G2 G3 G4C5T37Q G3 G5T0 G2G4 G1G2 G3 G4HQ G3 G5T1 G3 G1G2 G2 G2 G2 G3 G4 G1C2 G2 G3 G1C2 G2 G3 G1C2 G3 G1C2 G3 G1C2 G3 G1C2 G3 G1C2 G3 G1C2 G3 G1C3 G3 G1C3 G3 G1C4 G3 G3 G1C4 G3 G3 G1C5 G3 G3 G3 G3 G4 G3 G4 G3 G3 G4 G3 G3 G4 G3 G3 G4 G3 G3 G3 G4 G3 G3 G4 G5 G3 G3 G3 G3 G4 G5 G3 G3 G4 G5 G3 G3 G3 G4 G5 G3
Silene polypetala Silene regia Silene subciliata Silene virginica var. robusta Silphium brachiatum Silphium brachiatum Silphium compositum var. venosum Silphium glutinosum Silphium perfoliatum var. connatum Silphium perfoliatum Silphium terebinthinaceum var. luciae-brauniae Silphium terebinthinaceum var. luciae-brauniae Silphium terebinthinaceum var. luciae-brauniae Silphium saiotense Silphium calciphitum Sisyrinchium calciphitum Sisyrinchium calciphitum Sisyrinchium calciphitum Sisyrinchium capillare Sisyrinchium dichotomum Sisyrinchium kerophyllum Smilax renifolia Solanum carolinense var. hirsutum Solanum davisense Solanum leptosepalum Solidago arguta var. neurolepis Solidago arguta var. neurolepis Solidago arguta var. neurolepis Solidago arguta Solidago arguta Solidago arguta Solidago austrocaroliniana Solidago particibus Solidago patitigeri Solidago patiti var. angustata Solidago poumcata Solidago poumcas Solidago potreri	Very High Very High Very High Moderate Moderate High Moderate High Moderate Very High Moderate Very High Moderate Very High High Moderate Very High Moderate Modera	G2 G3 G3 G51213 G3 G51314 G2 G320 G51314 G1 G30 G51314 G1 G30 G51370 G3 G4651370 G3 G2 G4651370 G3 G2 G3 G162 G3 G4 G4 G4 G4 G5 G5 G5 G5 G5 G5 G5 G5 G6 G7 G6 G7 G8 G8 G8 G8 G8 G9
Silene polypetala Silene regia Silene subcilitata Silene virginica var. robusta Silene virginica var. robusta Silenium brachiatum Silenium compositum var. venosum Silenium portinium Silenium perfoliatum var. connatum Silenium perfoliatum var. connatum Silenium perfoliatum var. connatum Silenium perfoliatum var. connatum Silenium perfoliatum var. luciae-brauniae Silenium pinnatifidum Silenium simpsonii Silenium terebinthinaceum var. luciae-brauniae Silenium vasiotenee Silenium vasiotenee Silenium vasiotenee Silenium var. silenium Sisyrinchium capillare Sisyrinchium capillare Sisyrinchium capillare Sisyrinchium capillare Sisyrinchium dichotonum Sisyrinchium capillare Sisyrinchium derotopillum Smilax renifolia Solianum carolinense var. hirsutum Solanum davisense Solanum leptosepalum Solidago arenicola Solidago arenicola Solidago areguta var. neurolepis Solidago arguta var. neurolepis Solidago austrocaroliniana Solidago parculutata Solidago parculutata Solidago georgiana Solidago gorgiana Solidago gorgiana Solidago golomerata Solidago lancriolia Solidago lancriolia Solidago omolis var. angustata Solidago pulmosa	Very High Very High Moderate Moderate High Moderate High Moderate High Moderate Moderate Moderate Moderate Moderate High Moderate Leny High Moderate Moderate Moderate Moderate Moderate Moderate High Leny High Moderate Moderate Moderate High Moderate Moderate High Moderate Moderate Moderate High Moderate Leny High Leny	G2 G3 G3 G512T3 G3 G512T3 G3 G513T4 G2 G3370 G513T4 G1 G30 G163Q G465T37Q G3 G2G4 G162 G3 G4C6T37Q G3 G5T11 G3 G4 G4 G1G2 G3 G5T1 G3 G5T1 G3 G1G2 G2 G2 G2 G3 G4 G17 G3 G5T1 G3 G102 G2 G2 G3 G5T1 G3 G102 G2 G2 G2 G3 G4 G17 G3 G5 G5 G102 G2 G2 G3 G5 G5 G1 G3 G5 G1 G2 G2 G3 G5 G5 G1 G3 G1 G3 G3 G1 G2 G3 G4 G4 G4 G4 G4 G4 G5 G3 G2 G4 G3 G3 G2 G4 G3 G4 G3 G4 G5 G3 G2 G4 G3 G4 G3 G4 G5 G3 G2 G3 G4 G3 G4 G3 G4 G5 G3 G3 G3 G4 G5 G5 G3 G3 G3 G4 G5 G3 G3 G3 G4 G5 G3 G3 G4 G5 G5 G3 G5 G3 G4 G5 G5 G3 G4 G5 G5 G3 G3 G4 G5 G5 G5 G3 G4 G5
Silene polypetala Silene regia Silene subciliata Silene virginica var. robusta Silphium brachiatum Silphium compositum var. venosum Silphium glutinosum Silphium glutinosum Silphium perfoliatum var. connatum Silphium serverchonii Silphium reverchonii Silphium terebinthinaceum var. luciae-brauniae Silphium susiotense Silphium vasiotense Silphium vasiotense Silphium calciphilum Sisyrinchium calciphilum Sisyrinchium calciphilum Sisyrinchium calciphilum Sisyrinchium calciphilum Sisyrinchium calciphilum Sisyrinchium calciphilum Soliquam carolinense var. hirsutum Solianum advisense Solianum advisense Solianum advisense Solianum advisense Solidago arenicola Solidago arenicola Solidago arguta var. neurolepis Solidago arguta var. neurolepis Solidago austrocaroliniana Solidago porrelli Solidago porrelli Solidago georgiana Solidago georgiana Solidago georgiana Solidago georgiana Solidago pamertia Solidago leavenworthii Solidago mollis var. angustata Solidago poutentsis Solidago potrenti	Very High Very High Very High Noderate Moderate High Moderate High Moderate Very High Moderate Very High Moderate Very High High Moderate Very High High High High Moderate Very High High Moderate Very High High Moderate Very High High Moderate Very High High High High High Moderate Very High High Moderate Very High High Moderate Very High High Moderate Moderate Moderate Very High Moderate Moderat	G2 G3 G3 G512T3 G3 G513T4 G2 G33'Q G513T4 G1 G3Q G163Q G633'Q G465T37Q G3 G2Q4 G162 G3 G4 G57 G57 G3 G57

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Sc	olidago radula var. stenolepis	High	G5?T1T3
Sc	olidago shortii	Very High	G1
Sc	olidago simplex var. racemosa	Moderate	G5T3?
Sc	olidago simulans	Very High	G2
Sc	olidago spithamaea	Very High	G2
	olidago verna	Moderate	G3
1 -	olidago villosicarpa	Very High	G1
1 -	orghastrum apalachicolense	Moderate	G3G4Q
1	permacoce terminalis	Moderate	G2G4
	phenopholis filiformis	Moderate	G4
	pigelia alabamensis	Very High	G2
1	pigelia gentianoides	Very High	G2 G2
1 -	pigelia loganioides pigelia texana	Very High Moderate	G3
	pigeia texana piraea virginiana	Very High	G2?
1 -	piranthes bightensis	Very High	G1
1	piranthes brevilabris	Very High	G1G2
1	piranthes confusa	Moderate	G2G4
1	piranthes eatonii	Moderate	G3Q
1	piranthes floridana	Very High	G1
1	piranthes igniorchis	Very High	G1?
1	piranthes lanceolata var. paludicola	Very High	G4T1
S	piranthes longilabris	Moderate	G3
S	piranthes lucida	Moderate	G4
S	piranthes magnicamporum	Moderate	G3G4
S	piranthes ovalis var. ovalis	Moderate	G5?T3T4
S	piranthes parksii	Moderate	G3
1 -	porobolus curtissii	Moderate	G3
S	porobolus floridanus	Moderate	G3
1	porobolus pinetorum	Moderate	G3
1	porobolus teretifolius	Very High	G2
	porobolus tharpii	Moderate	G3
	tachydeoma graveolens	High	G2G3
1	tachys alabamica	Very High	G1
	tachys appalachiana	Very High	G1G2
	tachys caroliniana	Very High	G1
1 -	tachys clingmanii	Very High	G2
1	tachys eplingii	Very High	G1G2
	tachys glandulosissima	Very High	G1
	tachys hyssopifolia var. lythroides	Very High	G5T1Q
	tachys iltisii tachys matthewsii	Moderate Very High	G3 G1G2
1 -	tachys nelsonii		G1
1 -	tacinys neisonni tanleya pinnata var. texana	Very High Very High	G5T1
1 -	tellaria fontinalis	Moderate	G3
	tenana fontinana	Moderate	93
1 -	tenandrium dulce var. floridanum	Very High	G3G5T1T2Q
St	tenandrium dulce var. floridanum tenanthium diffusum	Very High	G3G5T1T2Q G1
St	tenanthium diffusum	Very High	G3G5T1T2Q G1 G4G5T3
St St			G1
St St St	tenanthium diffusum tenanthium gramineum var. robustum	Very High High	G1 G4G5T3
5t 5t 5t 5t 5t 5t 5t 5t 5t 5t 5t 5t 5t 5	tenanthium diffusum tenanthium gramineum var. robustum tenanthium leimanthoides	Very High High Very High	G1 G4G5T3 G2
5t 5t 5t 5t 5t 5t 5t 5t 5t 5t 5t 5t 5t 5	tenanthium diffusum tenanthium gramineum var. robustum tenanthium leimanthoides tenanthium tennesseense	Very High High Very High Very High	G1 G4G5T3 G2 G2
51 51 51 51 51 51 51 51	tenanthium diffusum tenanthium gramineum var. robustum tenanthium leimanthoides tenanthium tenanesseense tenanthium texanum	Very High High Nery High Meny High Moderate	G1 G4G5T3 G2 G2 G3
54 54 54 54 54 54 54 54 54 54 54 54 54 5	tenanthium diffusum tenanthium gramineum var. robustum tenanthium leimanthoides tenanthium tenasseense tenanthium tenassum tevaritia malacodendron	Nesy High High Very High May High Moderate Moderate	G1 G4G5T3 G2 G2 G3 G4
51 51 52 53 54 54 55 55 55 55 55 55 56 56 56 56 56 56 56	tenanthium diffusum tenanthium gramineum var. robustum tenanthium leimanthoides tenanthium tennesseense tenanthium texanum tewartia malacodendron tillingia sylvatica ssp. tenuis	Nery High High Very High Nery High Moderate Moderate Nery High	G1 G4G5T3 G2 G2 G3 G4 G5T2Q
51 51 52 53 54 54 55 55 55 55 55 56 56 56 56 56 56 56 56	tenanthium diffusum tenanthium gramineum var. robustum tenanthium leimanthoides tenanthium tenansseense tenanthium texanum tewartia malacodendron tillingia sylvatica ssp. tenuis tipulicida setacea var. lacerata	Nery High High Very High Nery High Moderate Moderate Very High Moderate	G1 G4G5T3 G2 G2 G3 G4 G5T2Q G4G5T3T4
59 54 59 59 59 59 59 59 59 59 59 59 59 59 59	tenanthium diffusum tenanthium gramineum var. robustum tenanthium leimanthoides tenanthium mensseense tenanthium tenasseense tenanthium tenasseense tenanthium tenasseense titus vartia malacodendron tillingia sylvatica ssp. tenuis tipulicida setacea var. lacerata treptanthus bracteatus treptanthus carinatus ssp. carinatus treptanthus carinatus ssp. carinatus	Nery High High Nery High Moderate Moderate Very High Moderate Nery High Moderate Nery High Moderate Nery High Moderate Nery High	G1 G465T3 G2 G2 G3 G4 G5T2Q G465T3T4 G1 G44T3T4 G2
51 52 53 53 54 54 55 55 55 55 55 55 55 55 55 55 55	tenanthium diffusum tenanthium gramineum var. robustum tenanthium leimanthoides tenanthium tennesseense tenanthium tennesseense tenanthium tennesseense tenanthium texanum tewartia malacodendron tillingia sylvatica ssp. tenuis tipulicida setacea var. lacerata treptanthus bracteatus treptanthus carinatus ssp. carinatus treptanthus carinatus ssp. carinatus treptanthus cutleri treptanthus cutleri treptanthus maculatus ssp. maculatus	Nery High High Very High Nery High Moderate Moderate Mony High Moderate Very High Moderate Very High Moderate Very High Moderate Very High High	G1 G4G5T3 G2 G2 G3 G4 G5T2Q G4G5T3T4 G1 G4T3T4 G2 G3T2T3Q G4G5T3TQ
59 59 59 59 59 59 59 59 59 59 59 59 59 5	tenanthium diffusum tenanthium gramineum var. robustum tenanthium leimanthoides tenanthium tenansseense tenanthium texanum tewartia malacodendron tillingia sylvatica ssp. tenuis tipulicida setacea var. lacerata treptanthus bracteatus treptanthus carinatus ssp. carinatus treptanthus cutleri treptanthus cutleri treptanthus maculatus ssp. maculatus treptanthus maculatus ssp. p. maculatus treptanthus maculatus ssp. obtusifolius	Nery High High Nery High Vary High Moderate Moderate Moderate Nery High Moderate Nery High Moderate Nery High High Hoderate Nery High Hoderate Nery High High High Moderate	G1 G4G5T3 G2 G2 G3 G4 G5T2Q G4G5T3T4 G1 G4T3T4 G2 G3T2T3Q G3T3TQ G3T3TQ
59 59 59 59 59 59 59 59 59 59 59 59 59 5	tenanthium diffusum tenanthium gramineum var. robustum tenanthium leimanthoides tenanthium tenanseseense tenanthium texanum tewartia malacodendron tillingia sylvatica ssp. tenuis tipulicida setacea var. lacerata treptanthus bracteatus treptanthus carinatus ssp. carinatus treptanthus carinatus ssp. carinatus treptanthus maculatus ssp. maculatus treptanthus maculatus ssp. maculatus treptanthus maculatus ssp. obtusifolius treptanthus naculatus ssp. obtusifolius treptanthus platycarpus	Nery High High Nery High Moderate Moderate Very High Moderate Mory Migh Moderate Moderate Moderate Moderate	G1 G4G5T3 G2 G2 G3 G4 G5T2Q G4G5T3T4 G1 G4T3T4 G2 G3T2T3Q G3T3T2T3Q G3T3T2Q G3T3T2Q G3T3T2Q G3T3T2Q G3T3T2Q G3T3T2Q G3T3T2Q G3T3T2Q
59 54 55 55 55 55 55 55 55 55 55 55 55 55	tenanthium diffusum tenanthium gramineum var robustum tenanthium leimanthoides tenanthium tennesseense tenanthium tennesseense tenanthium texanum tewartia malacodendron tillingia syhvatica ssp. tenuis tipulicida setacea var. lacerata treptanthus bracteatus treptanthus carinatus ssp. carinatus treptanthus cutleri treptanthus cutleri treptanthus maculatus ssp. maculatus treptanthus maculatus ssp. obtusifolius treptanthus maculatus ssp. obtusifolius treptanthus platycarpus treptanthus sparsiflorus	Nery High High Nery High Moderate Moderate Moderate Very High Moderate Very High Moderate Very High Moderate Very High Moderate Nery High Moderate Nery High High Moderate	G1 G465T3 G2 G2 G3 G4 G5T2Q G465T3T4 G1 G475T4 G2 G5T2T3Q G5T2T3Q G5T2T3Q G5T2T3Q G5T3T3Q
51 52 53 53 54 54 55 55 55 55 55 55 55 55 55 55 55	tenanthium diffusum tenanthium gramineum var. robustum tenanthium leimanthoides tenanthium mensseense tenanthium mensseense tenanthium tenasseense tenanthium tenasseense tenanthium tenasseense tenanthium tenasseense tenanthium salvaturus tevartia malacodendron tillingia sylvatica ssp. tenuis tipulicida setacea var. lacerata treptanthus bracteatus treptanthus carinatus ssp. carinatus treptanthus curinatus ssp. carinatus treptanthus cutleri treptanthus maculatus ssp. maculatus treptanthus maculatus ssp. obtusifolius treptanthus platycarpus treptanthus sparsiflorus treptanthus sparsiflorus treptanthus sparsiflorus treptanthus sparsiflorus	Nery High High Nery High Nery High Moderate Mery High Moderate Mory High High Moderate	G1 G4G5T3 G2 G2 G3 G4 G5T2Q G4G5T3T4 G1 G4T3T4 G2 G3T3T3Q G3T3Q
59 59 59 59 59 59 59 59 59 59 59 59 59 5	tenanthium diffusum tenanthium gramineum var. robustum tenanthium leimanthoides tenanthium tenansseense tenanthium texanum tevartia malacodendron tillingia sylvatica ssp. tenuis tipulicida setacea var. lacerata treptanthus carinatus ssp. carinatus treptanthus carinatus ssp. carinatus treptanthus cutleri treptanthus cutleri treptanthus utleri treptanthus utleri treptanthus sps. p. maculatus treptanthus maculatus ssp. obtusifolius treptanthus sparsiflorus treptanthus sparsiflorus treptanthus sparsiflorus treptanthus squamiformis tuckenia striata	Nery High High Nery High Nery High Moderate Moderate Moderate Nery High High High Moderate Moderate Moderate Moderate Moderate Moderate Moderate	61 646573 62 62 63 64 6572Q 64657374 61 647374 62 637273Q 6373Q 63 62Q 62Q3 6364Q
59 59 59 59 59 59 59 59 59 59 59 59 59 5	tenanthium diffusum tenanthium gramineum var. robustum tenanthium leimanthoides tenanthium tenanseseense tenanthium tenanseseense tenanthium texanum tewartia malacodendron tillingia sylvatica ssp. tenuis titipulicida sateaca var. lacerata treptanthus bracteatus treptanthus carinatus ssp. carinatus treptanthus carinatus ssp. carinatus treptanthus maculatus ssp. maculatus treptanthus maculatus ssp. obtusifolius treptanthus platycarpus treptanthus spansiflorus treptanthus squamiformis tuckenia striata tytisma abdita	Nery High High Nery High Nery High Moderate Moderate Sery High Moderate Very High Moderate Very High Moderate Very High Moderate Very High High Moderate Dery High Moderate	G1 G4G5T3 G2 G2 G3 G4 G5T2Q G645T3T4 G1 G4T3T4 G2 G372T3Q G372T3Q G373T3Q G3 G2Q G2G3 G3G4Q G3G4Q
59 58 58 59 59 59 59 59 59 59 59 59 59 59 59 59	tenanthium diffusum tenanthium gramineum var. robustum tenanthium leimanthoides tenanthium tenanthoides tenanthium tenanseseense tenanthium texanum tewartia malacodendron tillingia syhvatica ssp. tenuis tipulicida setacea var. lacerata treptanthus bracteatus treptanthus bracteatus treptanthus carinatus ssp. carinatus treptanthus cutleri treptanthus maculatus ssp. maculatus treptanthus maculatus ssp. obtusifolius treptanthus sparsifiorus treptanthus sparsifiorus treptanthus sparsifiorus treptanthus sparsifiorus treptanthus sparsifiorus treptanthus squamformis tuckenia striata tylisma aduatica	Nery High High Nery High Nery High Moderate Moderate Very High High Moderate Very High Moderate	G1 G4G5T3 G2 G2 G3 G4 G5T2Q G4G5T3T4 G1 G4T3T4 G2 G3T2T3Q G3T3Q G3T2T3Q G3T2T3
51 52 53 53 54 54 55 55 55 55 55 55 55 55 55 55 55	tenanthium diffusum tenanthium gramineum var robustum tenanthium leimanthoides tenanthium tennesseense tenanthium tennesseense tenanthium tennesseense tenanthium tennesseense tenanthium tennesseense tenanthium texanum tevartia malacodendron tillingia sylvatica ssp. tenuis tipulicida setacea var. lacerata treptanthus bracteatus treptanthus carinatus ssp. carinatus treptanthus cutleri treptanthus cutleri treptanthus maculatus ssp. barusifolius treptanthus maculatus ssp. obtusifolius treptanthus sparsiflorus treptanthus sparsiflorus treptanthus squamiformis tuckenia striata tuckenia striata tylisma abdita	Nery High High Nery High Moderate Mory High Moderate	G1 G465T3 G2 G2 G3 G4 G5T2Q G465T3T4 G1 G413T4 G2 G313Q G313Q G313Q G313Q G304Q G2G3 G344Q G3
59 59 59 59 59 59 59 59 59 59 59 59 59 5	tenanthium diffusum tenanthium gramineum var. robustum tenanthium leimanthoides tenanthium tenansseense tenanthium tenansseense tenanthium texanum tewartia malacodendron tillingia sylvatica ssp. tenuis tipulicida setacea var. lacerata treptanthus carinatus ssp. carinatus treptanthus carinatus ssp. carinatus treptanthus cutleri treptanthus maculatus ssp. maculatus treptanthus maculatus ssp. butusifolius treptanthus platycarpus treptanthus sparsiflorus treptanthus squamiformis tuckenia striata tylisma abilita tylisma pickeringii var. pickeringii tylisma pickeringii var. pickeringii tylisma pickeringii var. pickeringii tylosanthes calcicola	Nery High High Nery High Nery High Moderate Moderate Moderate Nery High High Moderate Nory High High Moderate	61 646573 62 62 63 64 6572Q 64657374 61 647374 62 637273Q 6373Q 63 62Q 62Q 62Q3 6364Q 63 64 64 64
59 59 59 59 59 59 59 59 59 59 59 59 59 5	tenanthium diffusum tenanthium gramineum var robustum tenanthium leimanthoides tenanthium tennesseense tenanthium tennesseense tenanthium tennesseense tenanthium tennesseense tenanthium tennesseense tenanthium texanum tevartia malacodendron tillingia sylvatica ssp. tenuis tipulicida setacea var. lacerata treptanthus bracteatus treptanthus carinatus ssp. carinatus treptanthus cutleri treptanthus cutleri treptanthus maculatus ssp. barusifolius treptanthus maculatus ssp. obtusifolius treptanthus sparsiflorus treptanthus sparsiflorus treptanthus squamiformis tuckenia striata tuckenia striata tylisma abdita	Nery High High Nery High Nery High Moderate Moderate Moderate Nery High High Moderate	G1 G465T3 G2 G2 G3 G4 G5T2Q G465T3T4 G1 G413T4 G2 G313Q G313Q G313Q G313Q G304Q G2G3 G344Q G3
59 59 59 59 59 59 59 59 59 59 59 59 59 5	tenanthium diffusum tenanthium gramineum var. robustum tenanthium leimanthoides tenanthium tenanseseense tenanthium tenanseseense tenanthium texanum tewartia malacodendron tillingia sylvatica ssp. tenuis titipulicida setacea var. lacerata treptanthus bracteatus treptanthus carinatus ssp. carinatus treptanthus carinatus ssp. carinatus treptanthus culeri treptanthus maculatus ssp. maculatus treptanthus maculatus ssp. butusifolius treptanthus parafilorus treptanthus sparafilorus treptanthus squamiformis tuckenia striata tylisma abdita tylisma auduatca tylisma auduatca tylisma pickeringii var. pickeringii tylosanthes caliccola tyrax platanifolius ssp. platanifolius	Nery High High Nery High Nery High Moderate Moderate Moderate Nery High High Moderate Nory High High Moderate	G1 G465T3 G2 G2 G3 G4 G5T2Q G45T3T4 G1 G4T3T4 G2 G372T3Q G373T3Q G373T3Q G373CQ G20 G203 G364Q G3 G4 G4T3 G4T3 G4T3 G4T3 G4T3 G4T3 G4T
51 54 55 55 55 55 55 55 55 55 55 55 55 55	tenanthium diffusum tenanthium gramineum var. robustum tenanthium leimanthoides tenanthium leimanthoides tenanthium tenansseense tenanthium texanum tewartia malacodendron tillingia syhatica ssp. tenuis titipulicida setacea var. lacerata treptanthus bracteatus treptanthus bracteatus treptanthus carinatus ssp. carinatus treptanthus carinatus ssp. carinatus treptanthus maculatus ssp. baculatus treptanthus maculatus ssp. obtusifolius treptanthus spaniflorus treptanthus spaniflorus treptanthus squamiforus tuckenia striata tylisma adjuatica tylisma adjuatica tylisma adjuatica tylisma pickeringii var. pickeringii tylosanthes calcicola tyrax platanifolius ssp. stellatus	Nery High High Nery High Nery High Moderate Moderate Norderate Moderate	G1 G4G5T3 G2 G2 G3 G4 G5T2Q G4G5T3T4 G1 G4T3T4 G2 G3T2T3Q G3T2T3Q G3T2T3Q G3T2T3Q G3T2T3Q G3T2T3Q G3T3Q G3 G4 G4 G4G5T3T4 G2 G3T2T3Q G3T2T3Q G3T2T3Q G3T2T3Q G3T2T3Q G3T3Q G3T3Q G3T3Q G3T3Q G3T3Q G3T3Q G3T3Q G3T3Q G3T3
59 59 59 59 59 59 59 59 59 59 59 59 59 5	tenanthium diffusum tenanthium gramineum var. robustum tenanthium leimanthoides tenanthium tenasseense tenanthium tenasseense tenanthium tenasseense tenanthium tenasseense tenanthium tenasseense tenanthium tenasseense tenanthium sulvatura telugiidida setacea var. lacerata treptanthus bracteatus treptanthus carinatus ssp. carinatus treptanthus carinatus ssp. carinatus treptanthus maculatus ssp. baculatus treptanthus maculatus ssp. obtusifolius treptanthus maculatus ssp. obtusifolius treptanthus sparsiflorus treptanthus sparsiflorus treptanthus sparsiflorus treptanthus sparsiflorus treptanthus squamformis tuckenia striata tylisma abdita tylisma pickeringii var. pickeringii tylosanthes calcicola tyvax platanifolius ssp. stellatus tyvax platanifolius ssp. stellatus tyvax platanifolius ssp. stellatus	Nery High High Nery High Nery High Moderate Moderate Very High High Moderate	G1 G465T3 G2 G2 G3 G4 G5T2Q G465T3T4 G1 G4T3T4 G2 G3713Q G313Q G3 G2Q G2G3 G364Q G3G4 G4T3 G4T3 G4T3 G4T3 G5T3 G5T3 G5T3 G5T3 G5T3 G5T3 G5T3 G5
59 59 59 59 59 59 59 59 59 59 59 59 59 5	tenanthium diffusum tenanthium gramineum var. robustum tenanthium leimanthoides tenanthium tenansseense tenanthium tenansseense tenanthium texanum tewartia malacodendron tillingia sylvatica ssp. tenuis tipulicida setacea var. lacerata treptanthus bracteatus treptanthus carinatus ssp. carinatus treptanthus carinatus ssp. carinatus treptanthus cutleri treptanthus maculatus ssp. maculatus treptanthus maculatus ssp. batusifolius treptanthus platycarpus treptanthus sparsiflorus treptanthus squamformis tuckenia striata tylisma abilita tylisma pickeringii var. pickeringii tylosanthes calcicola tyrax platanifolius ssp. stelatus	Nery High High Nery High Nery High Noderate Moderate Moderate Nery High Moderate Nery High Moderate Nery High Moderate Nery High High Moderate	61 646513 62 62 63 64 6572Q 6455174 61 647314 62 63733Q 6373Q 6373Q 63 64Q 63 64Q 63 64Q 63 64
59 59 59 59 59 59 59 59 59 59 59 59 59 5	tenanthium diffusum tenanthium gramineum var. robustum tenanthium leimanthoides tenanthium tenanseseense tenanthium tenanseseense tenanthium texanum tewartia malacodendron tillingia sylvatica ssp. tenuis titilingia sylvatica ssp. tenuis treptanthus bracteatus treptanthus carinatus ssp. carinatus treptanthus carinatus ssp. carinatus treptanthus maculatus ssp. maculatus treptanthus maculatus ssp. maculatus treptanthus parafilorus treptanthus spamiflorus treptanthus squamflormis tuckenia striata tylisma abdita tylisma a pickeringii var. pickeringii tylosanthes caliciola tyrax platanifolius ssp. platanifolius tyrax platanifolius ssp. stellatus tyrax platanifolius ssp. texanus tyrax platanifolius ssp. voungiae uaeda duripes	Nery High High Nery High Nery High Moderate Moderate Moderate Nery High Moderate Nery High Moderate Nery High Moderate	G1 G465T3 G2 G2 G3 G4 G4 G5T2Q G465T3T4 G1 G4T3T4 G2 G37T3Q G37T3
51 54 55 55 55 55 55 55 55 55 55 55 55 55	tenanthium diffusum tenanthium gramineum var. robustum tenanthium leimanthoides tenanthium leimanthoides tenanthium tenanseseense tenanthium texanum tewartia malacodendron tillingia sylvatica ssp. tenuis titipulicida setacea var. lacerata treptanthus bracteatus treptanthus carinatus ssp. carinatus treptanthus carinatus ssp. carinatus treptanthus maculatus ssp. maculatus treptanthus maculatus ssp. obtusifolius treptanthus papariflorus treptanthus spamiflorus treptanthus squamiflorus treptanthus squamiflorus tuckenia striata tylisma abdita tylisma apdatica tylisma quatica tylisma pickeringii var. pickeringii tylosanthes caliccola tyrax platanifolius ssp. stellatus tyrax platanifolius ssp. stellatus tyrax platanifolius ssp. texanus	Nery High High Nery High Nery High Moderate Moderate Nery High Moderate Moderate Moderate Nery High Moderate Moderate Nery High Moderate	G1 G4G5T3 G2 G2 G3 G4 G5T2Q G4G5T3T4 G1 G4T3T4 G2 G3T2T3Q G3T3C3Q G3 G3 G4 G4 G4T3T4 G2 G3T3C3Q G3 G3 G3 G4 G3G4 G3 G4 G4 G4T3 G3T3 G3T
59 59 59 59 59 59 59 59 59 59 59 59 59 5	tenanthium diffusum tenanthium gramineum var. robustum tenanthium leimanthoides tenanthium tenanthoides tenanthium tenanseseense tenanthium tenanseseense tenanthium texanum tewartia malacodendron tillingia syhvatica ssp. tenuis titipulicida setacea var. lacerata treptanthus bracteatus treptanthus carinatus ssp. carinatus treptanthus cutleri treptanthus maculatus ssp. carinatus treptanthus maculatus ssp. obtusifolius treptanthus maculatus ssp. obtusifolius treptanthus spansiflorus treptanthius spansiflorus tyreptanthius spansiflorus tyriam a abdita tylisma a puteica tylisma pickeringii var. pickeringii tylisma pickeringii var. pickeringii tylisma pickeringii var. pickeringii tyrax platanifolius ssp. stellatus tyrax platanifolius ssp. stellatus tyrax platanifolius ssp. texanus tyrax platanifolius ssp. voungiae uaeda duripes wietenia mahagoni ymphoricarpos guadalupensis	Nery High High Nery High Nery High Moderate Moderate Moderate Nery High Moderate Nery High Moderate Nery High Moderate	G1 G4G5T3 G2 G2 G3 G4 G5T2Q G4G5T3T4 G1 G4T3T4 G2 G3T2T3Q G3T3Q G3G3Q G2Q G2G3 G3G4Q G3G3 G4 G4T3 G4T3 G3T3 G4T3 G3T3 G4T3 G3T3 G3
59 59 59 59 59 59 59 59 59 59 59 59 59 5	tenanthium diffusum tenanthium gramineum var. robustum tenanthium leimanthoides tenanthium leimanthoides tenanthium tenanseseense tenanthium tenanseseense tenanthium texanum tewartia malacodendron tillingia sylvatica ssp. tenuis titipulicida setacea var. lacerata treptanthus bracteatus treptanthus carinatus ssp. carinatus treptanthus carinatus ssp. carinatus treptanthus maculatus ssp. maculatus treptanthus maculatus ssp. obtusifolius treptanthus sparafilorus treptanthus sparafilorus treptanthus squamiformis tuckenia striata tylisma abdita tylisma apdatica tylisma aputatica tylisma pickeringii var. pickeringii tylosanthes caliciola tyrax platanifolius ssp. stellatus tyrax platanifolius ssp. stellatus tyrax platanifolius ssp. stellatus tyrax platanifolius ssp. texanus tyrax platanifolius ssp. texanus tyrax platanifolius ssp. texanus tyrax platanifolius ssp. youngiae uaeda duripes wietenia mahagoni ymphoricarpos guadalupensis ymphyotrichum concolor var. devestitum ymphyotrichum concolor var. devestitum	Nery High High Nery High Nery High Moderate Moderate Very High Moderate Moderate Moderate Moderate Very High Moderate Very High High Moderate Moderate Very High Moderate Moderate Very High High Moderate Very High	G1 G4G5T3 G2 G2 G3 G4 G5T2Q G4G5T3T4 G1 G4T3T4 G2 G3T3T3Q G33T2T3Q G33T3Q G3 G4 G4 G4T3T4 G2 G3T3T3Q G3 G3 G3 G4 G3G4 G4 G4T3 G3T3 G3T3 G3T3
50 50 50 50 50 50 50 50 50 50 50 50 50 5	tenanthium diffusum tenanthium gramineum var. robustum tenanthium leimanthoides tenanthium leimanthoides tenanthium tenanseseense tenanthium texanum tewartia malacodendron tillingia syhatica ssp. tenuis titipulicida setacea var. lacerata treptanthus bracteatus treptanthus bracteatus treptanthus carinatus ssp. carinatus treptanthus cutleri treptanthus maculatus ssp. maculatus treptanthus maculatus ssp. obtusifolius treptanthus sparsiflorus treptanthus sparsiflorus treptanthus sparsiflorus treptanthus sparsiflorus treptanthus sparsiflorus treptanthus sparsiflorus treptanthius sparsiflorus treptanthius sparsiflorus tyreptanthius sparsiflorus tyreptanthius sparsiflorus tyrisma aquatica tylisma pickeringii var. pickeringii tylisma pickeringii var. pickeringii tyrax platanifolius ssp. stellatus tyrax platanifolius ssp. stellatus tyrax platanifolius ssp. stellatus tyrax platanifolius ssp. stellatus tyrax platanifolius ssp. youngiae usada duripes widetenia mahagoni ymphoricarpos guadalupensis ymphyotrichum depauperatum ymphyotrichum depauperatum ymphyotrichum depauperatum	Nery High High Nery High Nery High Moderate Moderate Nery High Moderate Nery High Moderate Nery High Moderate Nery High Moderate Nery High Moderate Moderate Nery High Moderate	G1 G4G5T3 G2 G2 G3 G4 G5T2Q G4G5T3T4 G1 G4T3T4 G2 G3T2T3Q G3T3C3 G3 G3 G4 G4 G4T3T4 G2 G3T2T3Q G3T3C3 G3 G3 G4 G3T3 G3T3 G3T3 G3T3 G3T3 G3T3
59 59 59 59 59 59 59 59 59 59 59 59 59 5	tenanthium diffusum tenanthium gramineum var. robustum tenanthium leimanthoides tenanthium tenansseense tenanthium tenansseense tenanthium texanum tewartia malacodendron tillingia sylvatica ssp. tenuis tipulicida setacea var. lacerata treptanthus cariatus ssp. carinatus treptanthus cariatus ssp. carinatus treptanthus cariatus ssp. carinatus treptanthus maculatus ssp. maculatus treptanthus maculatus ssp. maculatus treptanthus maculatus ssp. obtusifolius treptanthus platycarpus treptanthus sparsiflorus treptanthus squamformis tuckenia striata tylisma abilita tylisma apikeringii var. pickeringii tylisma apikeringii var. pickeringii tylosanthes calcicola tyrax platanifolius ssp. platanifolius tyrax platanifolius ssp. stellatus tyrax platanifolius ssp. poungiae uaeda duripes wietenia mahagoni ymphyotrichum denancii var. devestitum ymphyotrichum drummondii var. texanum ymphyotrichum drummondii var. texanum	Nery High High Nery High Nery High Noderate Moderate Nery High High Moderate Very High	61 646573 62 62 63 64 6572Q 6457374 61 647374 62 637373Q 63364 633 64 6473 6364 6373 6373 6373 6
59 59 59 59 59 59 59 59 59 59 59 59 59 5	tenanthium diffusum tenanthium gramineum var. robustum tenanthium leimanthoides tenanthium tenanseseense tenanthium tenanseseense tenanthium tenanseseense tenanthium texanum tewartia malacodendron tillingia sylvatica ssp. tenuis tipjulicida setacea var. lacerata treptanthus carinatus ssp. carinatus treptanthus carinatus ssp. carinatus treptanthus carinatus ssp. carinatus treptanthus maculatus ssp. maculatus treptanthus maculatus ssp. maculatus treptanthus maculatus ssp. butusifolius treptanthus platycarpus treptanthus sparsiflorus treptanthus squamiformis tuckenia strata tylisma abalita tylisma a aquatica tylisma a quatica tylisma aquatica tyrax platanifolius ssp. platanifolius tyrax platanifolius ssp. platanifolius tyrax platanifolius ssp. tesilatus tyrax platanifolius ssp.	Nery High High Nery High Nery High Noderate Moderate Nery High High Moderate	G1 G465T3 G2 G2 G3 G4 G4 G5T2Q G465T3T4 G1 G4T3T4 G2 G3T2T3Q G3T3Q G3T3T3 G3T1 G4T3T3 G3T1 G4T3T3 G3T1 G4T3T3 G3T1 G4T3T3 G3T1 G4T3 G3T1 G4T3T3 G4T3 G4
59 59 59 59 59 59 59 59 59 59 59 59 59 5	tenanthium diffusum tenanthium gramineum var.robustum tenanthium leimanthoides tenanthium leimanthoides tenanthium tenansseense tenanthium tenansseense tenanthium tenansseense tenanthium texanum tewartia malacodendron tillingia sylvatica ssp. tenuis titipulicida sateada var. lacerata treptanthus bracteatus treptanthus carinatus ssp. carinatus treptanthus carinatus ssp. carinatus treptanthus cutleri treptanthus maculatus ssp. maculatus treptanthus maculatus ssp. obtusifolius treptanthus maculatus ssp. obtusifolius treptanthus platycarpus treptanthus sparsiflorus treptanthus squamiformis tuckenia striata tylisma a bdita tylisma a pickeringii aputanifolius tyrax platanifolius ssp. platanifolius tyrax platanifolius ssp. platanifolius tyrax platanifolius ssp. stellatus tyrax platanifolius ssp. stellatus tyrax platanifolius ssp. tesanus tyrax platanifolius ssp. tesanus tyrax platanifolius ssp. youngiae uaeda duripes wietenia mahagoni ymphortichum concolor var. devestitum ymphyotrichum concolor var. devestitum ymphyotrichum depauperatum ymphyotrichum denaumondii var. texanum ymphyotrichum denaumondii var. texanum ymphyotrichum denaumondii var. texanum ymphyotrichum enetsiii ymphyotrichum fontinale ymphyotrichum georgianum	Nery High High Nery High Nery High Moderate Moderate Sery High Moderate Nery High Moderate Nery High Moderate Nery High Moderate Nery High Moderate Nory High Moderate	G1 G465T3 G2 G2 G3 G4 G4 G5T2Q G45T3T4 G1 G4T3T4 G2 G373T3Q G33T3T3Q G33T3T3Q G364 G4 G4T3T4 G4T3T4 G5 G5T3T4 G1 G6T3T3T4 G1 G7
50 50 50 50 50 50 50 50 50 50 50 50 50 5	tenanthium diffusum tenanthium gramineum var. robustum tenanthium leimanthoides tenanthium leimanthoides tenanthium tenansesense tenanthium tenansesense tenanthium tenansesense tenanthium texanum tewartia malacodendron tillingia sylvatica ssp. tenuis titipulicida setacea var. lacerata treptanthus bracteatus treptanthus carinatus ssp. carinatus treptanthus carinatus ssp. carinatus treptanthus maculatus ssp. obtusifolius treptanthus maculatus ssp. obtusifolius treptanthus spansiflorus treptanthus spansiflorus treptanthus squamiformis tuckenia striata tylisma abdita tylisma pickeringii var. pickeringii tylisma pickeringii var. pickeringii tylosanthes calcicola tyrax platanifolius ssp. stellatus tyrax platanifolius ssp. stellatus tyrax platanifolius ssp. stellatus tyrax platanifolius ssp. vexanus tyrax platanifolius ssp. vexanus tyrax platanifolius ssp. youngiae uaeda duripes wietenia mahagoni ymphortichum concolor var. devestitum ymphyotrichum concolor var. devestitum ymphyotrichum depauperatum ymphyotrichum derum etessii ymphyotrichum georgianum ymphyotrichum plumosum	Nery High High Nery High North High Moderate Moderate Nery High Moderate Nery High Moderate Nery High Moderate North High Moderate Nory High Moderate Nord Hi	61 646513 62 62 63 64 65120 63 64 65120 63 63 64 63130 63 63 63 63 64 64 6413 634 6410 6311 6311 6311 6311 6311 6311 6311 63
59 59 59 59 59 59 59 59 59 59 59 59 59 5	tenanthium diffusum tenanthium gramineum var. robustum tenanthium leimanthoides tenanthium tenansseense tenanthium tenansseense tenanthium tenansseense tenanthium texanum tewartia malacodendron tillingia sylvatica ssp. tenuis tipulicida setacea var. lacerata treptanthus carinatus ssp. carinatus treptanthus carinatus ssp. carinatus treptanthus carinatus ssp. carinatus treptanthus maculatus ssp. maculatus treptanthus maculatus ssp. maculatus treptanthus maculatus ssp. obtusifolius treptanthus platycarpus treptanthus sparsiflorus treptanthus squamformis tuckenia striata tylisma abilita tylisma apidenigii var. pickeringii tylisma pickeringii var. pickeringii tylosanthes calcicola tyrax platanifolius ssp. platanifolius tyrax platanifolius ssp. stelatus tyrax platanifolius ssp. stelatus tyrax platanifolius ssp. stelatus tyrax platanifolius ssp. stelatus tyrax platanifolius ssp. youngiae uaeda duripes wietenia mahagoni ymphyotrichum pratenia ymphyotrichum drummondii var. texanum ymphyotrichum drummondii var. texanum ymphyotrichum gramonum ymphyotrichum pratense	Nery High High Nery High Nery High Noderate Moderate Moderate Nery High Moderate Nery High Moderate Nery High Moderate Noderate Noderate Moderate Very High Moderate Nory High Moderate Very High	61 646573 62 62 63 64 6572Q 6457374 61 647374 62 637373Q 6373Q 63 6364Q 63 63 64 6473 6373 6373 6373 6373 6373
59 59 59 59 59 59 59 59 59 59 59 59 59 5	tenanthium diffusum tenanthium gramineum var. robustum tenanthium leimanthoides tenanthium tenanseseense tenanthium tenanseseense tenanthium tenanseseense tenanthium tenanseseense tenanthium tevanum tewartia malacodendron tillingia sylvatica ssp. tenuis tipulicida setacea var. lacerata treptanthus carinatus ssp. carinatus treptanthus carinatus ssp. carinatus treptanthus maculatus ssp. carinatus treptanthus maculatus ssp. obtusifolius treptanthus maculatus ssp. obtusifolius treptanthus maculatus ssp. obtusifolius treptanthus squamiformis treptanthus squamiformis tuckenia strata tylisma abalita tylisma abalita tylisma pickeringii var. pickeringii tylyosanthes calcicola tyrax platanifolius ssp. stellatus tyrax platanifolius ssp. stellatus tyrax platanifolius ssp. youngiae uaeda duripes wietenia mahagoni ymphortrichum bracei ymphyotrichum bracei ymphyotrichum concolor var. devestitum ymphyotrichum fontinale ymphyotrichum georgianum ymphyotrichum georgianum ymphyotrichum pratense ymphyotrichum pratense ymphyotrichum pratense	Nery High High Nery High Nery High Noderate Moderate Nery High Moderate Noderate Noderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Noderate Moderate Moderate Noderate Moderate Noderate Moderate Noderate	G1 G465T3 G2 G2 G3 G4 G4 G5T2Q G45T3T4 G1 G4T3T4 G2 G37T3Q G37T1
5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	tenanthium diffusum tenanthium gramineum var.robustum tenanthium leimanthoides tenanthium leimanthoides tenanthium tenasseense tenathius destetatus treptanthus bracteatus treptanthus carinatus ssp. carinatus treptanthus cutleri treptanthus maculatus ssp. carinatus treptanthus maculatus ssp. maculatus treptanthus maculatus ssp. maculatus treptanthus platycarpus treptanthus spassiflorus treptanthus spassiflorus treptanthus spassiflorus treptanthus squamiformis tuckenia striata tylisma a bdita tylisma a pickeringii var. pickeringii tylosanthes caliciola tyrax platanifolius ssp. platanifolius tyrax platanifolius ssp. platanifolius tyrax platanifolius ssp. stellatus tyrax platanifolius ssp. voungiae usaeda duripes wietenia mahagoni ymphortichum concolor var. devestitum ymphyotrichum depauperatum ymphyotrichum denasseenii ymphyotrichum fontinale ymphyotrichum fontinale ymphyotrichum georgianum ymphyotrichum plumosum ymphyotrichum plumosum ymphyotrichum plumosum ymphyotrichum plumosum ymphyotrichum plumosum ymphyotrichum pratense ymphyotrichum pratense	Nery High High Nery High Nery High Moderate Moderate Sery High Moderate Very High Moderate Very High Moderate Moderate Moderate Nery High Moderate Very High Moderate Very High Moderate Very High Moderate Nery High Moderate Moderate Moderate Very High Moderate Moderate Moderate Very High Moderate M	G1 G465T3 G2 G2 G3 G4 G5T2Q G45T3T4 G1 G4T3T4 G2 G33T2T3Q G33T3Q G33T3Q G33T3Q G33T3Q G33T3Q G33T3Q G33T3Q G34 G4T3T4 G4T3T4 G5T2 G3G4 G3T3 G3T3 G3T3 G3T3 G3T3 G3T3 G3T3
50 50 50 50 50 50 50 50 50 50 50 50 50 5	tenanthium diffusum tenanthium gramineum var. robustum tenanthium leimanthoides tenanthium leimanthoides tenanthium tenansseanse tenanthium tenansseanse tenanthium texanum tewartia malacodendron tillingia sylvatica ssp. tenuis tipulicida setacea var. lacerata treptanthus bracteatus treptanthus carinatus ssp. carinatus treptanthus carinatus ssp. carinatus treptanthus maculatus ssp. paralus treptanthus maculatus ssp. maculatus treptanthus maculatus ssp. maculatus treptanthus sparifiorus treptanthus sparifiorus treptanthus sparifiorus treptanthus sparifiorus treptanthus squamformis tuckenia striata tylisma pickeringii var. pickeringii tylisma pickeringii var. pickeringii tylisma pickeringiivar. pickeringii tylisma pickeringiivar. pickeringii tylisma pickeringiivar. pickeringii tylisma pickeringiivar. pickeringii tylisma pickeringiivas ssp. platanifolius tyyrax platanifolius ssp. platanifolius tyyrax platanifolius ssp. seelatus tyrax platanifolius ssp. tevanus tyrax platanifolius ssp. youngiae uaeda duripes wietenia mahagoni ymphyotrichum bracei ymphyotrichum drummondii var. texanum ymphyotrichum depauperatum ymphyotrichum drummondii var. texanum ymphyotrichum drummondii var. texanum ymphyotrichum georgianum ymphyotrichum plumosum ymphyotrichum pratense ymphyotrichum princieum var. scabricaule ymphyotrichum piniceum var. scabricaule	Nery High High Nery High Nery High Moderate Moderate Nery High Moderate Nery High Moderate Nery High Moderate Nery High Moderate	61 646513 62 62 63 64 65120 63 64 65120 63 63 64 63130 63 63 63 63 64 64 6413 6304 6313 6311 6311 6311 6311 6311 6311 631
5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	tenanthium diffusum tenanthium gramineum var robustum tenanthium leimanthoides tenanthium tenansseense tenanthium tenansseense tenanthium taxanum tewartia malacodendron tillingia sylvatica ssp. tenuis tipulicida setacea var. lacerata treptanthus carinatus ssp. carinatus treptanthus carinatus ssp. carinatus treptanthus carinatus ssp. carinatus treptanthus maculatus ssp. maculatus treptanthus maculatus ssp. butusifolius treptanthus maculatus ssp. obtusifolius treptanthus sparsiflorus treptanthus sparsiflorus treptanthus squamiformis tuckenia striata tylisma abilita tylisma apikeringii var. pickeringii tylisma pickeringii var. pickeringii tylosanthes calcicola tyrax platanifolius ssp. platanifolius tyrax platanifolius ssp. stellatus tyrax platanifolius ssp. stellatus tyrax platanifolius ssp. youngiae uaeda duripes wietenia mahagoni ymphyotrichum bracei ymphyotrichum drummondii var. texanum ymphyotrichum drummondii var. texanum ymphyotrichum drummondii var. texanum ymphyotrichum gergianum ymphyotrichum pratense	Nery High High Nery High Nery High Moderate Moderate Nery High Moderate Nery High Moderate Nery High Moderate Nery High Moderate North High High Moderate Moderate Nery High High Moderate Nory High Moderate Very High Moderate Very High Moderate Very High Moderate Moderate Moderate Moderate Moderate Mory High Moderate	61 646573 62 62 63 64 6572Q 635734 61 647374 62 63737Q 6373Q 63 63 64 64 6373 63 64 64 6373 6364 6373 6373
59 59 59 59 59 59 59 59 59 59 59 59 59 5	tenanthium diffusum tenanthium gramineum var. robustum tenanthium leimanthoides tenanthium tenansseense tenanthium tenansseense tenanthium tenansseense tenanthium tavanum tewartia malacodendron tillingia sylvatica ssp. tenuis tipulicida setacea var. lacerata treptanthus carinatus ssp. carinatus treptanthus carinatus ssp. carinatus treptanthus carinatus ssp. carinatus treptanthus cutieri treptanthus maculatus ssp. maculatus treptanthus maculatus ssp. butusifolius treptanthus maculatus ssp. obtusifolius treptanthus sparsiflorus treptanthus squamiformis tuckenia strata tylisma abelita tyrisma abelita tyrisma auquatica tylisma pickeringii var. pickeringii tylisma pickeringii var. pickeringii tylisma pickeringii var. pickeringii tyrax platanifolius ssp. stellatus tyrax platanifolius ssp. stellatus tyrax platanifolius ssp. voungiae uaeda duripes wietenia mahagoni ymphortirchum bracei ymphyotrichum bracei ymphyotrichum bracei ymphyotrichum depauperatum ymphyotrichum depauperatum ymphyotrichum depauperatum ymphyotrichum depauperatum ymphyotrichum demonodii var. tevanum ymphyotrichum demonodii var. tevanum ymphyotrichum georgianum ymphyotrichum georgianum ymphyotrichum pratense	Nery High High Nery High Nery High Moderate Moderate Nery High Moderate Nery High Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate	G1 G465T3 G2 G2 G3 G4 G5T2Q G45T3T4 G1 G4T3T4 G2 G3T3T3Q G3T3Q G3T3Q G3 G304Q G3 G3G4Q G3 G3G4Q G3T3 G3T3 G3T3 G3T3 G3T3 G3T3 G3T3 G3T
S S S S S S S S S S	tenanthium diffusum tenanthium gramineum var.robustum tenanthium leimanthoides tenanthium tenansesense tenanthium tenansesense tenanthium tenansesense tenanthium tenansesense tenanthium tenanum tewartia malacodendron tillingia sylvatica ssp. tenuis titipulicida sateaca var. lacerata treptanthus carinatus ssp. carinatus treptanthus carinatus ssp. carinatus treptanthus carinatus ssp. carinatus treptanthus maculatus ssp. maculatus treptanthus maculatus ssp. maculatus treptanthus maculatus ssp. obtusifolius treptanthus spamiflorus treptanthus spamiflorus treptanthus squamiformis tuckenia striata tylisma a bdita tylisma picheringii var. pickeringii tylosanthes calcicola tyrax platanifolius ssp. platanifolius tyrax platanifolius ssp. platanifolius tyrax platanifolius ssp. voungiae usaeda duripes	Nery High High Nery High Nory High Moderate Moderate Sery High Moderate Sery High Moderate Sery High Moderate Sery High Moderate Sery High Moderate Sery High Moderate Very High Moderate Very High Moderate Sery High Moderate Moderate Moderate Sery High Moderate Mod	G1 G465T3 G2 G2 G3 G4 G5T2Q G45T3T4 G1 G4T3T4 G2 G373T3Q G373Q G373 G4 G473G G371 G470 G470 G470 G470 G470 G470 G470 G470
5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	tenanthium diffusum tenanthium gramineum var. robustum tenanthium leimanthoides tenanthium teimanthoides tenanthium tenansseanse tenanthium tenansseanse tenanthium texanum tewartia malacodendron tillingia sylvatica ssp. tenuis tipulicida setacea var. lacerata treptanthus bracteatus treptanthus carinatus ssp. carinatus treptanthus carinatus ssp. carinatus treptanthus cutleri treptanthus maculatus ssp. maculatus treptanthus maculatus ssp. maculatus treptanthus sparsifiorus treptanthus sparsifiorus treptanthus sparsifiorus treptanthus sparsifiorus treptanthus squamformis tuckenia striata tylisma pickeringii var. pickeringii tylisma pickeringii var. pickeringii tylisma pickeringiivar. pickeringii tylisma pickeringiivar. pickeringii tylisma pickeringiivar. pickeringii tylisanatholius ssp. platanifolius tyrax platanifolius ssp. stelatus tyrax platanifolius ssp. tevanus tyrax platanifolius ssp. tevanus tyrax platanifolius ssp. tevanus tyrax platanifolius ssp. tevanus tyrax platanifolius ssp. stelatus tyrax platanifolius ssp. tevanus tyrax platanifolius tyrax platanifolius tyrax platanifolius treptantus tevanus	Nery High High Nery High Nery High Moderate Moderate Nery High Moderate Nery High Moderate Nery High Moderate Nory High Moderate Nery High Moderate	G1 G465T3 G2 G2 G3 G4 G5T2Q G45T3T4 G1 G4T3T4 G2 G3T3T3Q G3T3Q G3T3Q G3 G304Q G3 G3G4Q G3 G3G4Q G3T3 G3T3 G3T3 G3T3 G3T3 G3T3 G3T3 G3T
S S S S S S S S S S	tenanthium diffusum tenanthium gramineum var.robustum tenanthium leimanthoides tenanthium tenansesense tenanthium tenansesense tenanthium tenansesense tenanthium tenansesense tenanthium tenanum tewartia malacodendron tillingia sylvatica ssp. tenuis titipulicida sateaca var. lacerata treptanthus carinatus ssp. carinatus treptanthus carinatus ssp. carinatus treptanthus carinatus ssp. carinatus treptanthus maculatus ssp. maculatus treptanthus maculatus ssp. maculatus treptanthus maculatus ssp. obtusifolius treptanthus spamiflorus treptanthus spamiflorus treptanthus squamiformis tuckenia striata tylisma a bdita tylisma picheringii var. pickeringii tylosanthes calcicola tyrax platanifolius ssp. platanifolius tyrax platanifolius ssp. platanifolius tyrax platanifolius ssp. voungiae usaeda duripes	Nery High High Nery High Nory High Moderate Moderate Sery High Moderate Sery High Moderate Sery High Moderate Sery High Moderate Sery High Moderate Sery High Moderate Very High Moderate Very High Moderate Sery High Moderate Moderate Moderate Sery High Moderate Mod	61 646513 62 62 63 64 65120 63 64 65120 63 63 64 63130 63 63 63 63 64 64 6413 634 6410 6311 6311 6311 6311 6311 6311 6311 63
S S S S S S S S S S	tenanthium diffusum tenanthium gramineum var. robustum tenanthium leimanthoides tenanthium tenansseense tenanthium tenansseense tenanthium tenansseense tenanthium taxanum tewartia malacodendron tillingia sylvatica ssp. tenuis tipulicida setacea var. lacerata treptanthus cariatus ssp. carinatus treptanthus cariatus ssp. carinatus treptanthus cariatus ssp. carinatus treptanthus maculatus ssp. maculatus treptanthus maculatus ssp. maculatus treptanthus maculatus ssp. obtusifolius treptanthus platycarpus treptanthus sparsiflorus treptanthus sparsiflorus treptanthus squamformis tuckenia striata tylisma abilita tylisma apidenigii var. pickeringii tylisma pickeringii var. pickeringii tylosanthes calcicola tyrax platanifolius ssp. platanifolius tyrax platanifolius ssp. stelatus tyrax platanifolius ssp. stelatus tyrax platanifolius ssp. texanus tyrax platanifolius ssp. youngiae uaeda duripes wietenia mahagoni ymphyotrichum bracei ymphyotrichum drummondii var. texanum ymphyotrichum drummondii var. texanum ymphyotrichum gergianum ymphyotrichum pratense	Nery High High Nery High Nery High Moderate Moderate Nery High Moderate Nery High Moderate Nery High Moderate Nery High Moderate Nory High High Moderate Very High Moderate Very High Moderate Very High Moderate	61 646573 62 62 63 64 6572Q 635714 61 647374 62 637373Q 63364 6364 6373 6364 6373 6373 6373 637

Tephrosia mohrii	Moderate	G3
Tephrosia rugelii	Moderate	G3G4
Terminalia molinetii	Moderate	G3G4
Tetraneuris turneri	Moderate	G3
Teucrium cubense var. densum Thalia dealbata	Moderate Moderate	G4G5T3T4
Thalictrum arkansanum	Very High	G2Q
Thalictrum cooleyi	Very High	G1
Thalictrum debile	High	G2G3
Thalictrum macrostylum	Moderate	G3G4
Thalictrum texanum	Very High	G2Q
Thaspium pinnatifidum	High	G2G3
Thelesperma burridgeanum	Moderate	G3
Thelesperma curvicarpum	Moderate	G3
Thelocactus bicolor var. flavidispinus Thelypodiopsis shinnersii	Very High High	G4T2 G2G3
Thelypodium tenue	Very High	G1Q
Thelypodium texanum	Moderate	G3
Thelypodium wrightii ssp. oklahomense	Very High	G4G5T2?
Thelypteris ovata var. ovata	Moderate	G3G5T3T4
Thermopsis fraxinifolia	Moderate	G3?
Thermopsis mollis	Moderate	G3G4
Thermopsis villosa	Moderate	G3?
Thurovia triflora	High	G2G3
Thymophylla tephroleuca Tidestromia carnosa	Very High High	G2 G3
Tillandsia baileyi	High	G2G3
Tolumnia bahamensis	High	G3
Torreya taxifolia	Very High	G1
Tradescantia buckleyi	Moderate	G3
Tradescantia ernestiana	Moderate	G3G4Q
Tradescantia leiandra var. glandulosa	Very High	G4T1?Q
Tradescantia ozarkana	Moderate	G3
Tradescantia pedicellata	Very High	G2Q
Tragia nigricans Tragia saxicola	Moderate	G3
Trautvetteria fonticalcarea	Very High Very High	G2 G2?
Triadenum tubulosum	Moderate	G4?
Trichocoronis rivularis	High	G2G3
Trichocoronis wrightii var. wrightii	High	G4T3
Trichomanes boschianum	Moderate	G4
Trichomanes petersii	Moderate	G4
Trichomanes punctatum ssp. floridanum	Very High	G4G5T1
Trichostema nesophilum	Very High	G2
Trichostema suffrutescens Tridens buckleyanus	Very High Moderate	G1G2 G3G4
Tridens carolinianus	Moderate	G3G4
Tridens flavus var. chapmanii	Moderate	G5T3
Trifolium calcaricum	Very High	G1
Trifolium kentuckiense	Very High	G1
Trifolium mucronatum ssp. lacerum	Moderate	G3G5T3
Trifolium reflexum	Moderate	G3G4
Trifolium stoloniferum	Moderate	G3
Trifolium virginicum	Moderate	G3
Trillium decipiens Trillium delicatum	Moderate Very High	G3G4 G1
Trillium discolor	Moderate	G3
Trillium foetidissimum	Moderate	G3
Trillium georgianum	Very High	G1
Trillium gracile	High	G2G3
Trillium lancifolium	Moderate	G3
Trillium oostingii	Very High	G1
Trillium persistens	Very High	G1
Trillium pusillum var. monticulum	Very High	G4T2
Trillium pusillum var. ozarkanum	Moderate	G4T3
Trillium pusillum var. pusillum Trillium pusillum var. virginianum	High High	G4T3 G4T3
Trillium reliquum	Moderate	G3
Trillium simile	Moderate	G3
Trillium tennesseense	Very High	G1
Trillium texanum	Moderate	G3
Trillium vaseyi	Moderate	G3
Trillium viride	Moderate	G3G4
Triphora craigheadii	Very High	G1
Triphora trianthophora var. texensis	Very High	G4?T1Q
Triphora yucatanensis Tripsacum floridanum	Very High Very High	G1 G2
Tsuga caroliniana	High	G2 G2G3
Utricularia olivacea	Moderate	G4
Utricularia resupinata	Moderate	G4
Uvularia floridana	Moderate	G3
Uvularia puberula var. nitida	Moderate	G5T3
Vaccinium crassifolium ssp. sempervirens	Very High	G4G5T1
Valeriana texana	Very High	G2
Valerianella florifera	Moderate	G3
Valerianella nuttallii	High	G3
Valerianella ozarkana	Moderate	G3
Valerianella palmeri Valerianella stenocarpa	Moderate Moderate	G3 G3
Valerianella stenocarpa Valerianella texana	Very High	G2
Vanilla dilloniana	Moderate	G3G4
Vanilla mexicana	Moderate	G2G4
Vaseyochloa multinervosa	Moderate	G3

Verbena cloverae	Moderate	G3
Verbena plicata var. degeneri	Moderate	G5T3Q
Verbesina chapmanii	Moderate	G3
Verbesina heterophylla	Very High	G2
Verbesina walteri	Moderate	G4
Vernonia angustifolia ssp. scaberrima	Moderate	G5T2T4
Vernonia lettermannii	Moderate	G3
Vernonia pulchella	Moderate	G3
Veronicastrum virginicum	Moderate	G4
Viburnum bracteatum	Moderate	G3
Vicia floridana	Moderate	G3G4
Vicia ocalensis	Very High	G2
Viola calcicola	Moderate	G3
Viola guadalupensis	Very High	G1
Viola tripartita var. glaberrima	Moderate	G5T3?
Viola tripartita var. tripartita	Moderate	G5T3
	Moderate	G313
Vitis rupestris		
Waldsteinia lobata	Moderate	G3
Warea amplexifolia	Very High	G1
Warea carteri	Very High	G1
Warea cuneifolia	Moderate	G3
Warea sessilifolia	Moderate	G2G4
Willkommia texana var. texana	Moderate	G3G4T3
Wissadula parvifolia	Very High	G1
Woodsia appalachiana	Moderate	G4
Woodsia obtusa ssp. occidentalis	Moderate	G5T3T4
Woodsia phillipsii	Moderate	G2G4
Xanthisma blephariphyllum	Moderate	G3G4
Xanthisma viscidum	High	G3
Xerophyllum asphodeloides	Moderate	G4
Xylorhiza wrightii	Moderate	G3
Xyris chapmanii	Moderate	G3
Xyris correlliorum	Very High	G1
Xyris drummondii	Moderate	G3G4
Xyris isoetifolia	Very High	G2
Xyris longisepala	High	G2G3
Xyris Iouisianica	High	G2G3
Xyris panacea	Very High	G1
Xyris scabrifolia	Moderate	G3
Xyris serotina	Moderate	G3G4
Xyris spathifolia	Very High	G1
Xyris tennesseensis	Very High	G2
Yeatesia platystegia	Moderate	G3G4
Yucca cernua	Very High	G1
Yucca necopina	Very High	G1G2
Yucca pallida	Moderate	G3G4
Yucca reverchonii	Moderate	G3
Yucca tenuistyla	Moderate	G3
Yucca thompsoniana	Moderate	G3G4
Zamia integrifolia	Moderate	G3G4Q
Zamta integrirolia Zanthoxylum coriaceum	High	G3 G3
	130.00	G3
Zanthoxylum flavum	High	
Zanthoxylum parvum	Very High	G2
Zephyranthes refugiensis	High	G2G3
Zephyranthessimpsonii	High	G2G3
Zigadenus leimanthoides	Moderate Very High	G4Q G1
Zizania texana		

Partner Institution Summaries

Southeastern Plant Conservation Alliance

A cross-cutting partnership of public and private conservation professionals working In the Southeastern United States, the SE PCA is revolutionary - it brings together regional plant expects from different states. regional plant experts from different states,



agencies and institutions. It provides a forum where they share information on the conservation status and needs of imperiled plants throughout the region, without being limited by state or agency boundaries. The SE PCA seeks to bridge gaps between local and national efforts by fostering regional cooperation and promoting a diversity of partners. It is tailored to multiple interests to provide training opportunities, fill information gaps, identify needs, prioritize efforts, and work collaboratively to conserve imperiled plants.

Atlanta Botanical Garden Southeastern Center for Conservation

The Atlanta Botanical Garden has more than 30 years of experience in the conservation and recovery of rare and threatened plant species through research, propagation, collaborative restoration and habitat management. Through its Southeastern Center for Conservation & Research, the Atlanta Botanical Garden advances the science of conservation through research, collaborations, and native species



ATLANTA BOTANICAL GARDEN

recovery programs that include conservation collections at the garden and applied conservation activities that support preservation of species in their native habitats. Conservation programs, training, and capacity building derived from the activities of the Southeastern Center for Conservation support the Garden's commitment to serving the needs of the community and making the connection between people and plants. Through conservation of imperiled species and natural communities across the Southeastern U.S., Caribbean, and Ecuador, the center protects the natural heritage of one of North America's most biodiverse regions.

NatureServe

For nearly 50 years, NatureServe has been the authoritative source for biodiversity data throughout the Americas. To protect threatened biodiversity, NatureServe works with nearly 100 organizations and over 1,000 NATURESERVE conservation scientists to collect, analyze, and deliver standardized biodiversity



information, providing comprehensive spatial data to meet both regulatory and conservation needs. NatureServe and its network partners develop and manage data for over 100,000 species and ecosystems, answering fundamental questions about what exists, where it is found, and how it is doing.

NatureServe Network

More than 60 NatureServe Network Programs collect and analyze data about the plants, animals, and ecological communities of the Western Hemisphere. In the Southeastern United States, member programs consist of Natural Heritage Programs or Nongame and Rare Species Programs. These are housed in government or academic institutions. They are the leading source of information on the precise locations and conditions of at-risk species and threatened ecosystems in their jurisdictions. NatureServe collects, curates, and distributes that information for use at regional, national, and international

scales. Staff throughout the Network are experts in their fields, and include some of the most knowledgeable field biologists and conservation planners in their regions.

Southeast Association of Fish & Wildlife Agencies Wildlife **Diversity Committee**

The Wildlife Diversity Committee SEAFWA is responsible for advising the SEAFWA SEAFWA Directors and making Southeastern Association of recommendations on issues and Fish and Wildlife Agencies matters regarding nongame and



endangered species, both terrestrial and aquatic, which may affect the ability of member states to fulfill their fish and wildlife management responsibilities. This Committee is the primary committee to work with other wildlife diversity and nongame and endangered species entities and programs, such as Partners-In-Flight.

Terwilliger Consulting, Inc.

Terwilliger Consulting, Inc. brings its breadth of expertise and extensive conservation network to inform and engage stakeholders together and accomplish challenging natural resource projects. TCI uses the natural energy of



the issue and the group to forge new and positive, powerful processes and outcomes. TCI's experience spans a diverse array of conservation plan and program development and implementation. Most notably it has supported the 2005, 2015 and now 2025 State Wildlife Action Plans produced by the 13 Northeast states (and Washington D.C.), the 13 Midwest States, the 15 Southeast states, and several western states to advance local, state, regional, and national priority species of greatest conservation need and their habitats amidst the most daunting threats they face to determine and implement conservation actions inclusively and effectively.

Flora of the Southeastern of the United States

The Flora of the Southeastern United States (FSUS) is a database of flora compiled and updated by Alan Weakley, director of the UNC Herbarium, since 1992. The geographic extent of the FSUS covers the entire flora of 17 states with portions of eight other states and includes descriptions and keys for almost 11,000 vascular plant taxa in the most recent 2022 update. Since



its first digital inception and availability as an open-source document, thousands of both domestic and international users have downloaded the Flora, across private, state, and federal agencies and among a variety of naturalists and nature enthusiasts. It has been cited in its various drafts by hundreds of publications and still serves as the most inclusive, updated floristic resource for the entire southeastern United States.

Southeast Climate Adaptation Science Center

The Southeast Climate Adaptation Science Center is part of a network of nine Climate Adaptation Science Centers managed by the U.S. Geological SOUTHEAST Survey National Climate Adaptation Climate Adaptation Science Center. Our mission is to deliver



science to help fish, wildlife, water, land, and people adapt to a changing climate. North Carolina State University is the host institution for the Southeast Climate Adaptation Science Center, providing organizational leadership to implement the CASC mission through capacity building, project management,

with scientific capabilities in the region. The mission is implemented through collaborative partnerships among USGS, natural and cultural resource management organizations, and academic institutions.

Planning Team Member Bios

Emily Coffey, Ph.D.

Dr. Emily E. D. Coffey is VP of Conservation and Research at the Atlanta Botanical Garden. Coffey joined the Garden in 2017 to lead the Conservation and Research Department where she leads and collaborates with a team of conservation scientists and horticulturists to expand the activities in conservation research, propagating and growing rare plants, and developing regional and international conservation initiatives for plants and ecosystems. She received a B.S. (Hons) in Biology from University of Missouri – St. Louis, a M.S. with Distinction in Biodiversity, Conservation, and Management from University of Oxford – UK, and Ph.D. in long-term ecology and conservation biology from the University of Oxford –UK at The Biodiversity Institute. She conducted her Post-Doctoral work at University of Oxford in The Biodiversity Institute. Before joining ABG, she was a faculty member of Biology at the University of North Carolina Asheville. Dr. Coffey has broad botanical knowledge and experience with ex situ and in situ conservation, restoration ecology, community ecology, and biogeography. She is familiar with ecological processes and flora of many geographical settings including Appalachian Mountain Fens/Bogs, Caribbean islands, Missouri sandstone glades, Canary Island laurel forests, and Galápagos Islands. In the latter, she examined ecological baseline conditions for the humid highlands of Santa Cruz Island in order to distinguish temporal vegetation transitions, identify potential drivers of the transitions, and evaluate their importance for conservation and management practices. Findings from her research have been published in numerous journals including Science, Ecology, and Journal of Biogeography. Research conducted at UNCA included identifying historical fire regime patterns across the Appalachian Mountain bog/fen habitats aimed at providing land managers a framework for restoring fire as an ecological process. Additional, current appointments include Research Professor at the University of North Carolina -Asheville and Adjunct Assistant Professor at Georgia Technical Institute, Atlanta.

Carrie Radcliffe, M.Sc.

Carrie Radcliffe earned her B.S. and M.S. at the University of Georgia studying conservation horticulture and plant biology while conducting research on the floral morphology, reproductive biology, and micropropagation of Georgia Plume (Elliottia racemosa). She has been with the Conservation & Research Department of Atlanta Botanical Garden since 2012, managing collaborative habitat restoration projects and a database of ex situ and in situ and safeguarding activities on behalf of the Garden's Southeastern Center for Conservation and the Georgia Plant Conservation Alliance. Carrie serves as the Mountain Bog Safeguarding Coordinator for GPCA and the Chair for Southern Appalachian Bog Learning Network. She coordinated the 2016 & 2020 Southeastern Partners in Plant Conservation conferences, is Coordinator for the Southeastern Plant Conservation Alliance, and was named Conservation Partnerships Manager in 2022. In this capacity she continues developing partnerships that support rare and culturally significant plants while promoting the network for stewardship of habitats and species in the Southeast. Carrie Jon's primary duties include statewide coordination of research

communications, partnership development, and connections lives in the Southern Blue Ridge mountains, serves as a leader and environmental educator for local Scout groups, is an avid outdoorswoman, and is passionate about inspiring the next generation of conservation leaders & scientists.

Sarah Norris, M.Sc.

Sarah received her B.S. in Animal Science from Berry College and her M.S. in Environmental Science from Florida Gulf Coast University where she published research on the effects of mercury on neonatal and juvenile blacktip sharks (Carcharhinus limbatus). With a background in community ecology, environmental science, and conservation, Sarah uses her experience facilitating conservation activities to serve as the Conservation Partnerships Assistant for Atlanta Botanical Garden and the Southeastern Plant Conservation Alliance (SE PCA). This role leverages her experience with academic and research program coordination to support the SE PCA and the development of the first Regional Species of Greatest Conservation Need list for imperiled plants. Sarah also supports other grant funded and general activities of the SE PCA, as well as the SE Center for Conservation at ABG.

Amanda Eberly, M.Sc.

Amanda Eberly is a Research Botanist with NatureServe, where she is responsible for regular reviews of the conservation status of North American plants and is fluent with the NatureServe ranking methodology and IUCN Red Listing. She develops and delivers training on NatureServe methodology and works on data development, including taxonomic updates. She has a M.S. degree in Plant Science from Delaware State University where she studied the taxonomy of beak sedges (Rhynchospora, Cyperaceae). She began her botanical career as an intern and later a seasonal ecologist with Pennsylvania Natural Heritage Program. Amanda was a coauthor on Mistaken Identity?, a guide to distinguishing invasive and native plant species. Amanda has extensive experience with the flora of the Mid-Atlantic and Southeastern United States. In the off hours, she enjoys studying the local flora of her hometown in Frederick County, Maryland.

Wes Knapp, M.Sc.

Wesley Knapp is the Chief Botanist at NatureServe, a leading biodiversity conservation non-profit in the United States. NatureServe leverages the power of science, data, and technology to guide biodiversity conservation and stewardship. Wes has over 20 years of experience working in the NatureServe Network as a Botanist and Ecologist with both the Maryland and North Carolina Natural Heritage Programs. He has extensive field experience across much of the United States with additional fieldwork experience in Australia, Canada, and Central America. His research includes the first examination of the extinct plants of the United States and Canada, new plant species discoveries, and treatments of plant groups in various Floras and Manuals. He has also published two books including, Vascular Plants of Maryland, USA: A Comprehensive Account of the State's Botanical Diversity which is freely available through the Smithsonian Scholarly Press. His research interests include identifying and preventing plant extinction events, describing undescribed plant species, systematics, ecology, and taxonomy. He has a B.S. from Catawba College, a M.S. from Delaware State University, and is currently a Ph.D. student at the University of North Carolina at Chapel Hill in Alan Weakley's lab. His work has been featured in New York Times, the Washington Post, and the PBS NewsHour.

Jon Ambrose, Ph.D.

As Chief of the Wildlife Conservation Section of Georgia DNR,

and resource management projects, budget and personnel management, and implementation of the State Wildlife Action Plan. He also oversee's environmental education and outreach, conservation planning, land protection, and development of funding sources for nongame wildlife conservation. Jon coordinated the development of Georgia's State Wildlife Action Plan in 2005 as well as its 2015 revision. He currently serves on the AFWA Climate Change Adaptation and Threatened and Endangered Species Policy committees as well as the SEAFWA Wildlife Diversity Committee. He also serves on the Leadership Team for the Southeastern Plant Conservation Alliance and as Georgia DNR point of contact for the Southeast Conservation Adaptation Strategy (SECAS) and the Piedmont-South Atlantic Coast Cooperative Ecosystem Studies Unit. Jon participated as an advisor and subject matter expert for a previous SEAFWA RSGCN project focused on high priority animals. He has a B.A. in Biology and M.S. in Ecology from the University of Tennessee and a Ph.D. in Ecology from the University of Georgia.

Karen Terwilliger, M.Sc.

Karen Terwilliger is a fish and wildlife diversity consultant, a natural resource planner and facilitator. Karen founded Terwilliger Consulting Inc. 25 years ago where she works with both public and private sectors in most states and regions to advance biodiversity conservation through inclusive planning and engagement. Previously she coordinated Virginia's Wildlife Diversity program and served as a Virginia Department of Wildlife Resources Board member. She has worked with several federal agencies, including the US Fish and Wildlife Service, US Forest Service, and the US Geological Survey, as well as several non-governmental organizations including The Nature Conservancy, the National Wildlife Federation and land trusts. Her national work includes threatened and endangered species recovery teams, The Wildlife Society committees, and her international work includes NATO and other programs for a healthy, sustainable world. Karen holds a B.S. and M.S. in Wildlife Biology.

Tracy Rice, M.Sc.

Tracy is an ecologist and conservation planner with expertise in State Wildlife Action Plans, natural resource management, endangered and threatened species management, and coastal policy. She has worked with TCI for 20 years, including projects to develop and manage fish and wildlife Regional Species of Greatest Conservation Need in the Northeast, Southeast, and Midwest regions and to develop conservation and management plans for several National Wildlife Refuges, National Parks and Seashores, and military installations. Tracy previously worked for the US Fish and Wildlife Service and holds a B.A. from Wittenberg University and a M.S.in Coastal Geology from Duke University.

Alan Weakley, Ph.D.

Alan Weakley is a plant taxonomist, community ecologist, and conservationist specializing in the Southeastern United States. He holds a B.A. from UNC-Chapel Hill and a Ph.D. from Duke University. He has worked as botanist and ecologist for the N.C. Natural Heritage Program, and as regional and chief ecologist for The Nature Conservancy and NatureServe. He has worked cooperatively with most federal and state land-managing agencies in the southeastern U.S. He is currently Director of the UNC Herbarium, a department of the N.C. Botanical Garden, and teaches as adjunct faculty at UNC-Chapel Hill and at the Highlands Biological Station. Alan is author of the Flora of the Southeastern United States and its app version, FloraQuest, and co-author of the Flora of Virginia and the Flora of Virginia App, which have received awards including the Thomas Jefferson Award for Conservation. He is also co-author of

Wildflowers of the Atlantic Southeast. He has also released an app, FloraQuest, which he co-developed for the Southeastern United States flora. He has authored over 100 journal articles and book chapters, and is in high demand as a speaker on plant taxonomy, community classification and mapping, biogeography, and biodiversity conservation. He is active with the Flora of North America project and the United States National Vegetation Classification, serves as an advisor to the N.C. Natural Heritage Program and N.C. Plant Conservation Program, and is a co-founder of the Carolina Vegetation Survey.

Scott Ward, M.Sc.

Scott Ward is a research botanist at NCBG working for the Flora of the Southeastern United States team and its associated PDF publications, as well as web and phone applications. Scott is originally from western New York, where he worked on a variety of community ecology projects, including vegetation sampling for the Great Lakes Coastal Wetland Monitoring Program as part of the Great Lakes Restoration Initiative. In addition to this research, Scott also assisted in multiple community sampling projects, many incorporating the interplay between invasive and native plant community interactions. Namely, his thesis focused on community and disturbance metrics across Celastrus scandens and C. orbiculatus populations, as well as other non-native liana invasions. He obtained both his B.S. and M.S. from SUNY Brockport, in part drawing from liana research stated above to complete the latter degree. He now works as a Research Botanist at N.C. Botanical Garden and UNC-CH Herbarium, and also teaches specialized botanical courses at the garden and beyond.

Jennifer Cartwright, Ph.D.

Dr. Jennifer Cartwright is an ecologist with a background in GIS and hydrology and a focus on supporting effective natural-resource management. Her research has concerned climate-change impacts on a variety of terrestrial, wetland, and freshwater ecosystems across North America. Jen has overseen studies of forest drought impacts on local-to-regional scales, modeling of wetland ecohydrology leveraging remote sensing and field observations, identification of refugia from climate change, and assessments of climate impacts to at-risk ecosystems and species. She has been affiliated with the USGS Lower Mississippi-Gulf Water Science Center since 2009 and received her Ph.D. in Biology from Tennessee State University

Alex Loomis, Ph.D.

Dr. Alex Loomis is a conservation ecologist focused on work at the interface of science and resource management to support effective conservation. Alex has a background in quantitative population ecology and GIS. His previous experience has largely been focused on his home ecosystems in Hawaii. He received his PhD in Biology from Duke Úniversity in 2022, performing research focused on Hawaiian plants and ecosystems, using demographic modeling to assess the impacts of climate and biotic threats on native rare plant populations. Alex also has extensive experience working with and for plant conservation agencies in Hawaii. He also serves as a member of the IUCN Hawaiian Islands Plants Specialist group and Conservation Planning Specialist group, and as a trustee and the secretary for the Friends of the Honolulu Botanical Gardens.

RSGCN Planning Team Participants

Name	Organization	
Alan Weakley	University of North Carolina	
Amanda Treher	NatureServe	
Carrie Radcliffe	Southeastern Plant Conservation Alliance/Atlanta Botanical Garden	
Emily Coffey	Atlanta Botanical Garden	
Jon Ambrose	Georgia Department of Natural Resources	
Karen Terwilliger	Terwilliger Consulting, Inc.	
Misty Nelson	NatureServe	
Sarah Norris	Southeastern Plant Conservation Alliance/Atlanta Botanical Garden	
Tracy Monegan Rice	Terwilliger Consulting, Inc.	
Wesley Knapp	NatureServe	

RSGCN Surve	 	· ·
Name	State	Organization
Al Schotz	Alabama	Alabama Natural Heritage Program
Amy Jenkins	Florida	Florida Natural Areas Inventory
Anna Strong	Texas	Texas Parks and Wildlife Department
Brenda Wichmann	North Carolina	North Carolina Natural Heritage Program
Brian Streets	West Virginia	West Virginia Natural Heritage Program
Bruce Hoagland	Oklahoma	Oklahoma Natural Heritage Inventory
Caitlin Elam	Tennessee	Tennessee Division of Natural Areas
Carlee Steppe	Georgia	Georgia Department of Natural Resources
Chris Doffitt	Louisiana	Louisiana Department of Wildlife and Fisheries
David Lincicome	Tennessee	Tennessee Natural Heritage Program
Devin Rodgers	Kentucky	Kentucky Energy and Environment Cabinet
Elizabeth Raikes	Kentucky	US Forest Service - Land Between the Lakes
Gary Kauffman	North Carolina	US Forest Service - NC National Forest
Gemma Milly	Georgia	Georgia Department of Natural Resources
Hanna Rosner-Katz	Florida	Florida Natural Areas Inventory
Heather Sullivan	Mississippi	Mississippi Natural Heritage Program
Jim Vanderhorst	West Virginia	West Virginia Natural Heritage Program
John Burkhart	West Virginia	West Virginia Natural Heritage Program
Keith Bradley	South Carolina	South Carolina Department of Natural Resources
Lesley Starke	North Carolina	North Carolina Plant Conservation Program
Lisa Kruse	Georgia	Georgia Department of Natural Resources
Malissa Briggler	Missouri	Missouri Department of Conservation
Mark Howery	Oklahoma	Oklahoma Department of Wildlife Conservation
Mark Pistrang	Tennessee	US Forest Service - Cherokee National Forest
Mincy Moffett	Georgia	US Fish & Wildlife Service - Georgia Field Office
Samantha Tessel	South Carolina	South Carolina Department of Natural Resources
Scott Wiggers	Mississippi	US Fish & Wildlife Service - MS Field Office
Stephanie Koontz	Georgia	Georgia DNR Wildlife Resources Division
Tara Littlefield	Kentucky	Office of Kentucky Nature Preserves
Todd Crabtree	Tennessee	Tennessee Natural Heritage Program

RSGCN Technical Team Participants

Name	State	Organization
Amy Jenkins	Florida	Florida Natural Areas Inventory
Brenda Wichmann	North Carolina	North Carolina Natural Heritage Program
Bruce Hoagland	Oklahoma	Oklahoma Natural Heritage Inventory
Chris Doffitt	Louisiana	Louisiana Department of Wildlife and Fisheries
Heather Sullivan	Mississippi	Mississippi Natural Heritage Program
Jason Singhurst	Texas	Texas Parks and Wildlife Department
Joanne Baggs	Southeast	US Forest Service
John Burkhart	West Virginia	West Virginia Natural Heritage Program
John Townsend	Virginia	Virginia Natural Heritage Program
Keith Bradley	South Carolina	South Carolina Department of Natural Resources
Lauren Trotta	Florida	The Institute for Regional Conservation
Lisa Kruse	Georgia	Georgia Department of Natural Resources
Malissa Briggler	Missouri	Missouri Department of Conservation
Susan Fruchey	North Carolina	US Forest Service - Pisgah National Forest
Todd Crabtree	Tennessee	Tennessee Natural Heritage Program

RSGCN Ranking Workshop Participants

Al Schotz	Alabama Natural Heritage Program	
Amanda Eberly	NatureServe	
Amy Jenkins	Florida Natural Areas Inventory	
Brenda Wichmann	North Carolina Natural Heritage Program	
Bruce Hoagland	Oklahoma Natural Heritage Inventory	
Carlee Steppe	Georgia Department of Natural Resources	
Carrie Radcliffe	Southeastern Plant Conservation Alliance	
Diana Soteropoulos	Arkansas Natural Heritage Commission Herbarium	
Emily Coffey	Atlanta Botanical Garden	
Gemma Milly	Georgia Department of Natural Resources	
Jon Ambrose	Georgia Department of Natural Resources	
Jonathan Gore	Atlanta Botanical Garden	
Keith Bradley	South Carolina Department of Natural Resources	
Lisa Kruse	Georgia Department of Natural Resources	
Maria Vogel	Atlanta Botanical Garden	
Samantha Tessel	South Carolina Department of Natural Resources	
Sarah Norris	Southeastern Plant Conservation Alliance	
Stephanie Koontz	GA DNR Wildlife Resources Division	
Wesley Knapp	NatureServe	
Alan Weakley	University of North Carolina	
Chris Doffitt	LA Dept of Wildlife and Fisheries	
Hanna Rosner-Katz	Florida Natural Areas Inventory	
Jason Singhurst	Texas Parks and Wildlife Department	
John Burkhart	West Virginia Natural Heritage Program	
John F. Townsend (Johnny)	Virginia DCR - Division of Natural Heritage	
Malissa Briggler	Missouri Department of Conservation	
Theo Witsell	Arkansas Natural Heritage Commission	
Todd Crabtree	Tennessee Natural Heritage Program	



















































On the cover: An at-risk plant from each of the SEAFWA Region states included in the RSGCN list. All individual images credited. Image collage created by Sarah Norris.

Alabama - Georgia rockcress (Arabis georgiana; open access, no photograper given)

Arkansas - Rose gentian (Sabatia arkansana; Eric Hunt) Florida - American chaffseed (Schwalbea americana; Flickr: dogtooth77)

Georgia - Georgia aster (Symphyotrichum georgianum; Michelle Elmore)

Kentucky - Canby's mountain-lover (Paxistima canbyi; Michael Kesl)

Louisiana - False dragonhead (*Physostegia virginiana*; open access, no photographer given) Mississippi - Apalachicola doll's daisy (*Boltonia apalachicolensis*; Plant Delights Nursery, Inc.) Missouri - Oklahoma grass-pink (Calopogon oklahomensis; Central Louisiana Orchid Society)

North Carolina - Gray's lily (*Lilium grayi*; Flickr: BlueRidgeKitties) Oklahoma - Longleaf phlox (*Phlox longifolia*; Thayne Tuason)

South Carolina - Bunched arrowhead (Sagittaria fasciculata; Flickr: Gary Peeples/U.S Fish and Wildlife Service)

Tennessee - Spreading avens (Geum radiatum; Flickr: BlueRidgeKitties) Texas - Chapman's fringed orchid (Platanthera chapmanii; Matt Berger) Virginia - Shriver's frilly orchid (Platanthera shriveri; Flickr: NC Orchid) West Virginia - Bentley's coralroot (Corallorhiza bentleyi; Flickr: NC Orchid)

