

STATUS ASSESSMENT RESPONSE FORM

Species (Botanical name): Pteris multifida

(Common name): Spider Brake

Where the voucher specimen is held: FTG, FLAS, USF

Assessment/ Reassessment completed by: Deah Lieurance

Date assessment started: 7/30/2017 Date assessment completed: 7/30/2017

INSTRUCTIONS

*Either check appropriate response or enter it in the designated space.
Attach additional sheets with evidence as necessary using appropriate section numbers.*

SUMMARY OF ASSESSMENT RESULTS

BY STATE

If species is NOT invasive in Florida, check one of the following three conclusions:

From Section A

Automatic Exemption

Use Predictive Tool

Prohibited

Not considered a problem species at this time

BY ZONE

North: Central: South

North: Central: South

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Score I = : : M =

Category I = : : P = : : M = V =

Conclusions North _____

Central _____

South _____

In case of incomplete assessment:

Where did assessment stop?

Who could provide the answer to this question?

Automatic Exemption

Is this species listed on any federal or state noxious or prohibited plant lists?

- Yes *Under “BY STATE” on page R-1 check Prohibited*
- No **Go to Section I-a** below

Step-by-Step Assessment Responses

I-a Current Invasion in Florida

1. Is there a proposed or new use for a species that would result in higher propagule pressure* in Florida? For example, cultivation of ≥ 2 contiguous ac of a species for bioenergy (corresponding to DPI biofuel rule), or commercial cultivation of a species present in Florida for a new use, or increase in acreage cultivated from 1-10 ac to 10 times that acreage (10-100 ac), 10-100 ac to 5 times that acreage (50 to 500 ac), or >100 ac to 2.5 times that acreage.

Yes **Use the Predictive Tool**

No **Go to question I-a 2**

2. Does this species occur in any natural areas of Florida?

Yes *Attach distribution records* and **Go to question I-a 3**

No **Go to Section A**

3. Does it **ONLY** occur in natural areas of Florida because it has persisted from its previous cultivation?

Yes *Attach evidence of previous cultivation for each site* and **Go to Section A**

No **Go to Section I-b**

Section A is on page R-3 and Section I-b is on page R-4

Check box if distribution records are attached

Check box if evidence of previous cultivation is attached

Section A

A1 Does this species hybridize with any Federal or Florida-listed Endangered or Threatened species, Species of Special Concern, or economically important species (e.g., exhibit pollen /genetic invasion)?

Yes Provide *information below*. Enter a conclusion on page R-17 of **No unless limited use approved. Go to Section D** for details on how to make a proposal for specified and limited use for the species.

No **Go to question A2**

If yes, then *provide name of listed or economically important species & information sources*:
Could not find any evidence of hybridization between this species and *P. lidgatei* (federally endangered) or *P. bahamensis* (Florida threatened)

A2 Has this species been introduced to Florida within the last 10 years if herbaceous, or last 20 years if woody?

Yes **Use Predictive Tool** and so indicate on page R-1

No Highlight *attached distribution records that show presence in Florida before 10 or 20 years ago or attach other evidence* and **Go to question A3**

A3 Does this species have a record of causing problems in other regions with similar habitats and climate to Florida?

Yes *Provide evidence below, Use Predictive Tool and so indicate on page R-1*

No *Enter a conclusion of **Not considered a problem species at this time and may be recommended by IFAS faculty on page R-1** but reassess if invasion of natural areas is recorded or within 10 years, whichever is earlier.*

If yes, then *give evidence of where and what problems this species has caused*:

Section D is on page R-19

I-b Invasion Status in Three Zones of Florida

Check responses to the following questions for each zone (north, central, south) separately.

For “Yes” responses to questions 1-3, *distributional evidence of invasion* (forming self-sustaining and expanding populations within a plant community with which it has not previously been associated) *must be attached and distinguished for each zone.*

- | | | | |
|---|---|---|---|
| | North | Central | South |
| 1. Does species exist in areas outside its current, or former, cultivation in this zone? | Yes No
<input type="checkbox"/> <input type="checkbox"/> | Yes No
<input type="checkbox"/> <input type="checkbox"/> | Yes No
<input type="checkbox"/> <input type="checkbox"/> |
| If Yes Go to question I-b 2 | | | |
| If No Go to question I-b 4 | | | |
| | | | |
| | North | Central | South |
| 2. Is species invading in this zone ONLY when natural disturbance regime and scale have been altered? | Yes No
<input type="checkbox"/> <input type="checkbox"/> | Yes No
<input type="checkbox"/> <input type="checkbox"/> | Yes No
<input type="checkbox"/> <input type="checkbox"/> |
| If Yes Go to question I-b 3 | | | |
| If No (or unknown) Go to Section II-a | | | |
| | | | |
| | North | Central | South |
| 3. Has this species ever been known to persist if the natural regime is resumed and the natural flora/communities recover? | Yes No
<input type="checkbox"/> <input type="checkbox"/> | Yes No
<input type="checkbox"/> <input type="checkbox"/> | Yes No
<input type="checkbox"/> <input type="checkbox"/> |
| If Yes (or unknown) Go to Section II-a | | | |
| If No Go to question I-b 4 | | | |
| | | | |
| | North | Central | South |
| 4. Are there other zones in which this species has invaded or persisted after restoration? | Yes No
<input type="checkbox"/> <input type="checkbox"/> | Yes No
<input type="checkbox"/> <input type="checkbox"/> | Yes No
<input type="checkbox"/> <input type="checkbox"/> |
| If Yes indicate I = 0 for this zone
on page R-1 then Go to Section III-b | | | |
| If No Go to Section A | | | |

Section II-a is on page R-5, Section III-b is on page R-10, Section A is on page R-3

Check box if distribution records by zone are attached