

All Things Wetland Plants

Episode 4: Wetland Ratings

presenters:

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Cold Regions Research and Engineering Laboratory



National Wetland Plant List

Indicator Status Ratings

Rating/Indicator Status	Qualitative Definition
Obligate	Almost always occurs in wetlands
Facultative-Wetland	Usually occurs in wetlands
Facultative	Occurs in wetlands and non-wetlands
Facultative-Upland	Usually occurs in non-wetlands, but may occur in wetlands
Upland	Almost never occurs in wetlands

These numeric frequency definitions are only used for testing contested or problematic species on the NWPL.

Indicator Status	Frequency Based Definition
Obligate	Probability of occurrence in wetlands > 99%
Facultative-Wetland	Probability of occurrence in wetlands > 67%, <99%
Facultative	Probability of occurrence in wetlands > 34%, <66%
Facultative-Upland	Probability of occurrence in wetlands > 1%, <33%
Upland	Probability of occurrence in wetlands <1%

Displayed on the right is the Wetland Regions Map for the Corps of Engineers

- NCNE = Northcentral and Northeast
- MW = Midwest
- EMP = Eastern Mountains and Piedmont
- GP = Great Plains
- AW = Arid West
- AGCP = Atlantic and Gulf Coastal Plain
- WMVC = Western Mountains, Valleys & Coast
- AK = Alaska
- HI = Hawaii
- CB = Caribbean

To download the ESRI Shapefile for the Corps of Engineers Wetland Regions :

[Click Here to Download](#) (4.58 Mb)

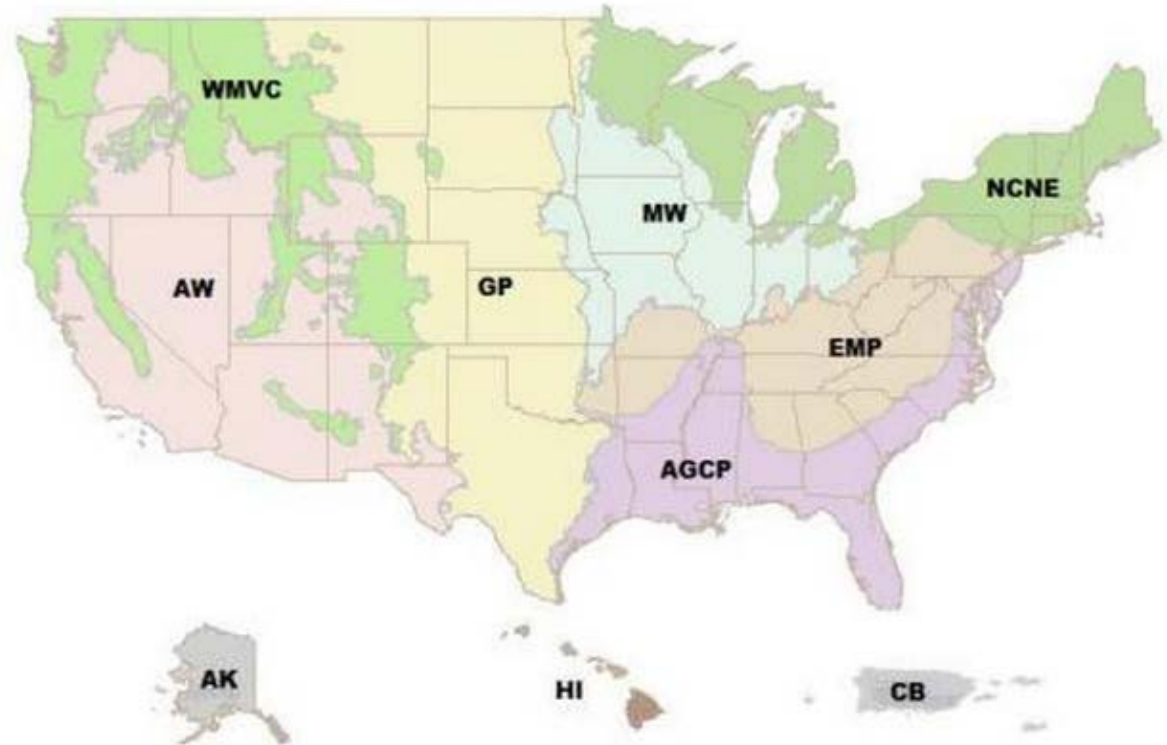


Figure 1. The ten Corps Wetland Delineation Regions.

US Army Corps of Engineers
2014 NWPL Viewer v3.2
National Wetland Plant List

Infra 0 Families 0
Syn 1 Genera 0
Total 2 Species 1

Species Thumbnail Images

User Help Plant List Reports Species Detail

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Acer platanoides L. (Norway Maple) ACERACEAE Family

AGCP	AW	CB	EMP	GP	HI	MW	NCNE	WMVC	AK
UPL	UPL		UPL	UPL		UPL	UPL	FACU	

USACE County Distribution Map

Northcentral and Northeast	Midwest	Eastern Mountains and Piedmont	Great Plains
Arid West	Atlantic and Gulf Coastal Plain	Western Mountains, Valleys, and Coast	Alaska
Hawaii	Caribbean	Reported County Records for Taxon Distribution	

Acer platanoides
Acer platanoides var. schwedleri

Figure 2. Norway Maple (*Acer platanoides*) is on the NWPL because it is rated FACU in the WMVC region. Other plants that were rated UPL in all regions in which they occur have been removed from the list.

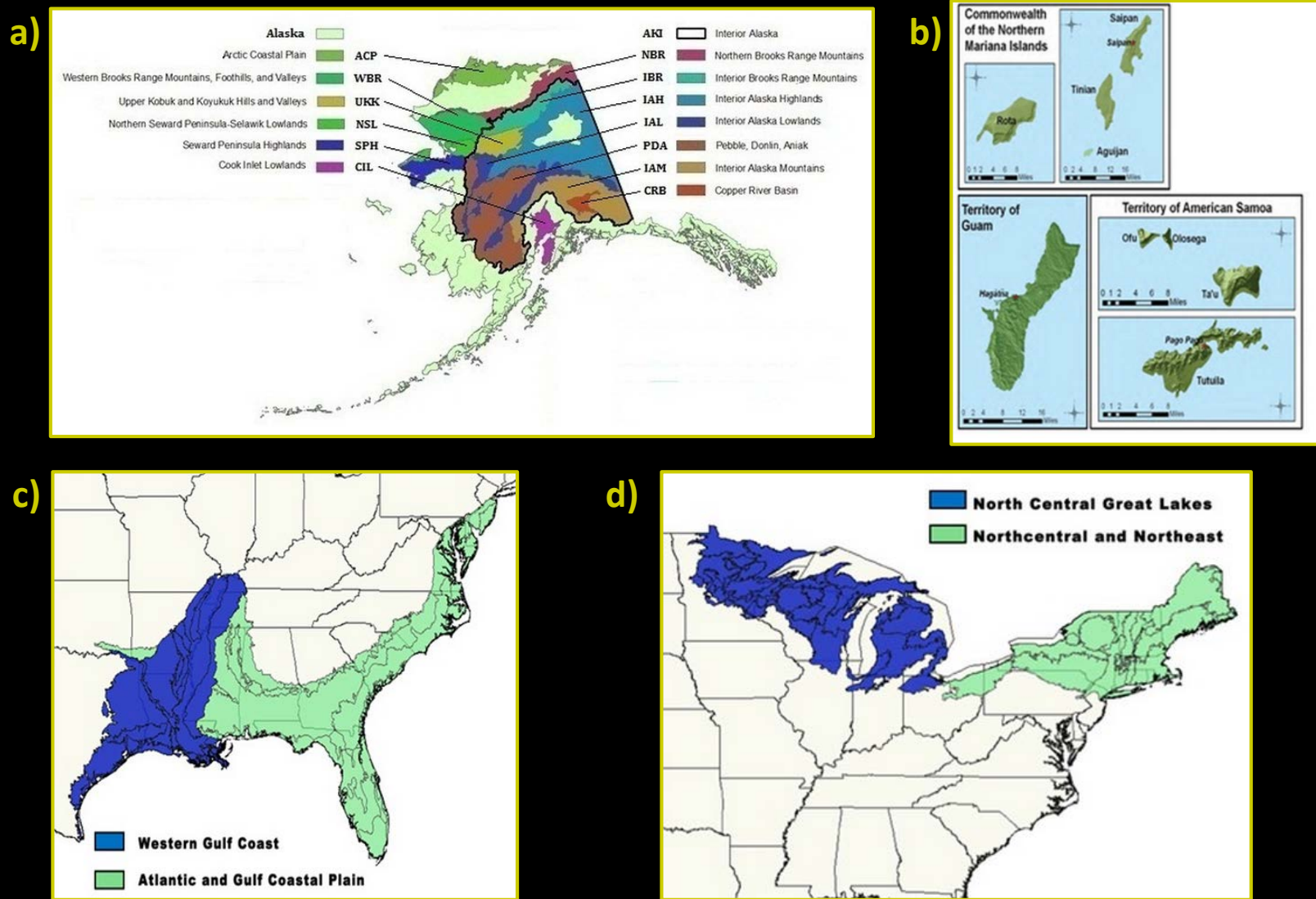


Figure 3. Corps subregions for wetland delineation include, a) fourteen subregions in Alaska, b) the South Pacific Islands, c) the Western Gulf Coast And d) the Northcentral Great Lakes.

US Army Corps of Engineers

2014 NWPL Viewer v3.2
National Wetland Plant List

Pop

Scientific Name



Syn

Starting with

Infra

User Help

Plant List Reports

NWPL Species List

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Populus deltoides Bartr. ex Marsh. (Eastern Cottonwood) SALICACEAE Family

AGCP	AW	CB	EMP	GP	HI	MW	NCNE	WMVC	AK
FAC	FAC		FAC	FAC		FAC	FAC	FAC	



Populus deltoides

Populus deltoides ssp. *deltoides*

Populus deltoides ssp. *fremontii*

Populus deltoides ssp. *mesetae*

Populus deltoides ssp. *monilifera*

Populus deltoides ssp. *wislizeni*

Populus deltoides var. *angulata*

Populus deltoides var. *fremontii*

Populus deltoides var. *mesetae*

Populus deltoides var. *missouriensis*

Populus deltoides var. *occidentalis*

Populus deltoides var. *pilosa*

Populus deltoides var. *virginiana*

Populus deltoides var. *wislizeni*

Populus fortissima

Populus fremontii

Populus fremontii ssp. *mesetae*

Populus fremontii var. *arizonica*

Populus fremontii var. *macdougallii*

Populus fremontii var. *macrodisca*

Populus fremontii var. *mesetae*

Populus fremontii var. *pubescens*

Populus fremontii var. *thornberi*

Populus fremontii var. *toumeyi*

Populus fremontii var. *wislizeni*

Populus grandidentata

Populus grandidentata var. *angustata*

Figure 4. Clicking on a synonym (shown in black) or a variety (shown in grey) redirects the user to the commonly accepted name.

NWPL - National Wetland Plant List
2015 NWPL v32 - Home Page

US Army Corps of Engineers

Home About Download NWPL Tools Whats New ?

NWPL Publications / Documents

All Things Wetland Plants

[Video Series with Interviews, Plant Identification & Research](#)

NWPL Viewer Tool

[Plant Searches, Species Detail & Custom Plant Lists with Reports](#)

Wetland Ratings

[Submit NWPL Change Request](#)
[Wetland Regions and Rating Info](#)
[Voting History \(Rounds/Algos \)](#)

Download Plant Lists

[2014 Plant List Citation](#)

National Wetland Plant Lists

USACE Regional Lists

US State/Territory Lists

Contact Information

[Biological Questions](#)
NWPL@usace.army.mil

US Army Corps of Engineers
2014 NWPL Viewer v3.2
National Wetland Plant List

User Help Plant List Reports

NWPL Viewer - Help Getting Started.

Help Creating Plant Lists


Plant List Counts
Family, Genera & Species counts, for the Current NWPL Plant List, are shown in the upper left corner.

The [**Custom Plant List**] tab, on the menu bar (top center), is used to Customize the Plant List.
Customizations Include: Geography, Biological Attributes and Taxonomy.

After a customized list has been created, the counts are updated to match the Current NWPL Plant List.

The [**Plant List Reports**] tab, is used to create Printable Reports, from the Current NWPL Plant List.

To Clear a customized Plant List, use the red Reset button (top left). The NWPL Plant list is restored.



Help Searching the NWPL

Plant List Search
Enter a whole or partial search string in the upper right corner, then hit the blue Search button.

The Current NWPL Plant List is displayed in the right column.

Current NWPL Plant List

The [**Species Detail**] tab, appears on the menu bar, after selecting a Plant from the List.

Species Detail Views, may then be customized, for both the far Left Column & the Center Page.

See the [**User Help**] tab, for Website Tips, Guides and additional help getting started.

Please Note : The NWPL Viewer Tool will take longer to load the first time you open it. After that, the NWPL data should be cached by your browser, & will load much faster.

Federal Partners

US Army Corps of Engineers

NWPL Species List

Pop

Scientific Name

Starting with

Syn

Infra

- Populus acuminata var. tehderi
- Populus angulata
- Populus angulata var. missouriensis
- Populus angustifolia**
- Populus argentea
- Populus arizonica
- Populus arizonica var. jonesii
- Populus aurea
- Populus balsamifera**
- Populus balsamifera ssp. balsamifera
- Populus balsamifera ssp. trichocarpa
- Populus balsamifera var. angustifolia
- Populus balsamifera var. californica
- Populus balsamifera var. candicans
- Populus balsamifera var. fernaldiana
- Populus balsamifera var. lanceolata
- Populus balsamifera var. michauxii
- Populus balsamifera var. missouriensis
- Populus balsamifera var. pilosa
- Populus balsamifera var. subcordata
- Populus balsamifera var. virginiana
- Populus besseyana
- Populus canadensis var. angustifolia
- Populus canadensis var. fremontii
- Populus canadensis var. virginiana
- Populus candicans
- Populus cercidiphylla
- Populus deltoides**
- Populus deltoides ssp. deltoides
- Populus deltoides ssp. fremontii
- Populus deltoides ssp. mesetae
- Populus deltoides ssp. monilifera

Figure 5. To search for wetland ratings go to the National Wetland Plant List home page, wetland_plants.usace.army.mil/, and click on the circled link. Type part of the scientific name in the search box.

a)

Search interface for the NWPL website. The search bar contains "Acer". The "Common Name" dropdown is set to "that Contains". The search results list various species of *Acer*, with *Acer negundo* circled in red.

NWPL Species List	
Acer glabrum	
<i>Acer glabrum</i> ssp. <i>diffusum</i>	
<i>Acer glabrum</i> ssp. <i>douglasii</i>	
<i>Acer glabrum</i> ssp. <i>neomexicanum</i>	
<i>Acer glabrum</i> ssp. <i>torreyi</i>	
<i>Acer glabrum</i> var. <i>diffusum</i>	
<i>Acer glabrum</i> var. <i>douglasii</i>	
<i>Acer glabrum</i> var. <i>glabrum</i>	
<i>Acer glabrum</i> var. <i>greenei</i>	
<i>Acer glabrum</i> var. <i>neomexicanum</i>	
<i>Acer glabrum</i> var. <i>parviflorum</i>	
<i>Acer glabrum</i> var. <i>torreyi</i>	
<i>Acer glabrum</i> var. <i>tripartitum</i>	
<i>Acer glabrum</i> var. <i>typicum</i>	
Acer grandidentatum	
<i>Acer grandidentatum</i> var. <i>brachypterum</i>	
<i>Acer grandidentatum</i> var. <i>grandidentatum</i>	
<i>Acer grandidentatum</i> var. <i>sinuosum</i>	
<i>Acer interius</i>	
Acer macrophyllum	
Acer negundo	

b)

Search interface for the NWPL website. The search bar contains "Boxelder". The "Common Name" dropdown is set to "that Contains". The search results show "Sorry, no Species found ..." and a portrait of a man in a red coat, with the text "Please try another Search" below it.

NWPL Species List	
Sorry, no Species found ...	
	
Please try another Search	


c)

Search interface for the NWPL website. The search bar contains "Maple". The "Common Name" dropdown is set to "that Contains". The search results list various species of Maple, with "Ash-Leaf Maple" circled in red.

NWPL Species List	
Ash-Leaf Maple	
Big-Leaf Maple	
Black Maple	
Canyon Maple	
Maple-Leaf Arrow-Wood	
Maple-Leaf Currant	
Mountain Maple	
Norway Maple	
Red Maple	
Rocky Mountain Maple	
Silver Maple	
Striped Maple	
Sugar Maple	
Vine Maple	

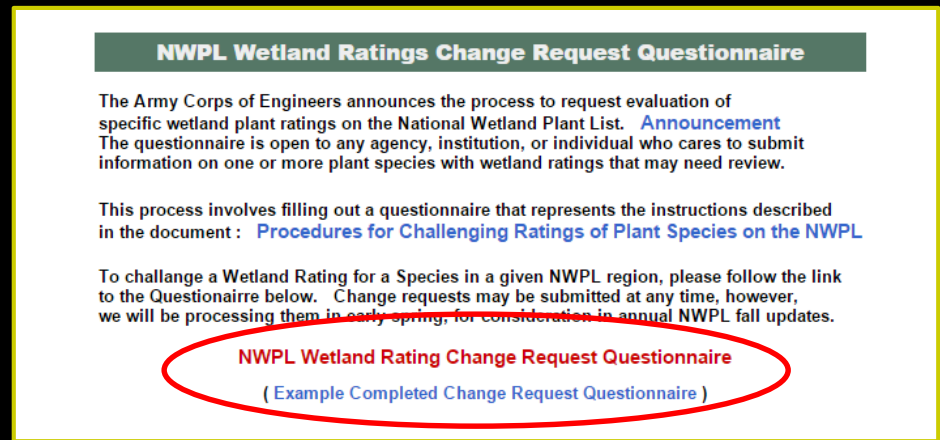
Figure 6. Search tips for the NWPL website include, a) type part of the scientific name, b) avoid common name searches, c) select the "that Contains" option and use a general name for the genus (Maple), rather than the name of a specific plant (Boxelder).

a)



The screenshot shows the NWPL homepage with the US Army logo at the top. The main navigation menu includes: NWPL Publications / Documents, All Things Wetland Plants, Video Series with Interviews, Plant Identification & Research, NWPL Viewer Tool, Plant Searches, Species Detail & Custom Plant Lists with Reports, Wetland Ratings, **Submit NWPL Change Request** (circled in red), Wetland Regions and Rating Info, Voting History (Rounds/Algos), and Download Plant Lists.

b)



NWPL Wetland Ratings Change Request Questionnaire

The Army Corps of Engineers announces the process to request evaluation of specific wetland plant ratings on the National Wetland Plant List. [Announcement](#)

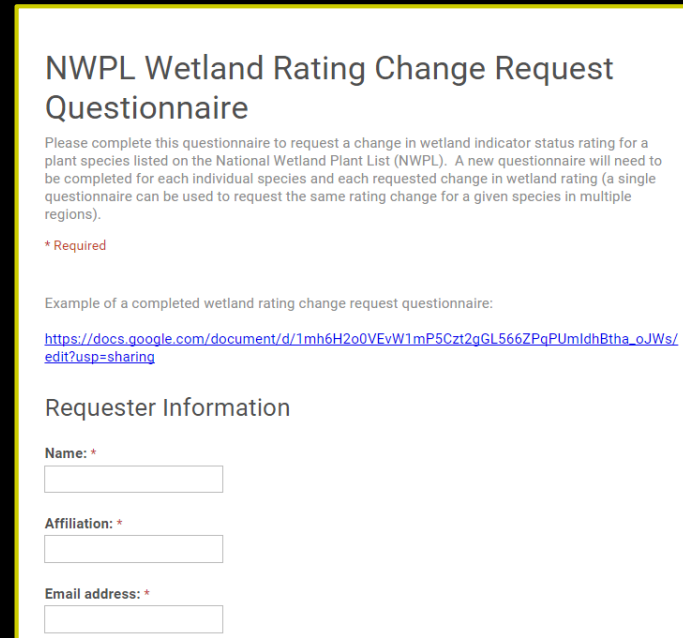
The questionnaire is open to any agency, institution, or individual who cares to submit information on one or more plant species with wetland ratings that may need review.

This process involves filling out a questionnaire that represents the instructions described in the document : [Procedures for Challenging Ratings of Plant Species on the NWPL](#)

To challenge a Wetland Rating for a Species in a given NWPL region, please follow the link to the Questionnaire below. Change requests may be submitted at any time, however, we will be processing them in ~~early spring, for consideration in annual NWPL fall updates.~~

NWPL Wetland Rating Change Request Questionnaire
([Example Completed Change Request Questionnaire](#))

c)



NWPL Wetland Rating Change Request Questionnaire

Please complete this questionnaire to request a change in wetland indicator status rating for a plant species listed on the National Wetland Plant List (NWPL). A new questionnaire will need to be completed for each individual species and each requested change in wetland rating (a single questionnaire can be used to request the same rating change for a given species in multiple regions).

* Required

Example of a completed wetland rating change request questionnaire:
https://docs.google.com/document/d/1mh6H2o0VEvW1mP5Czt2gGL566ZPqPUmldhBtha_oJWs/edit?usp=sharing

Requester Information

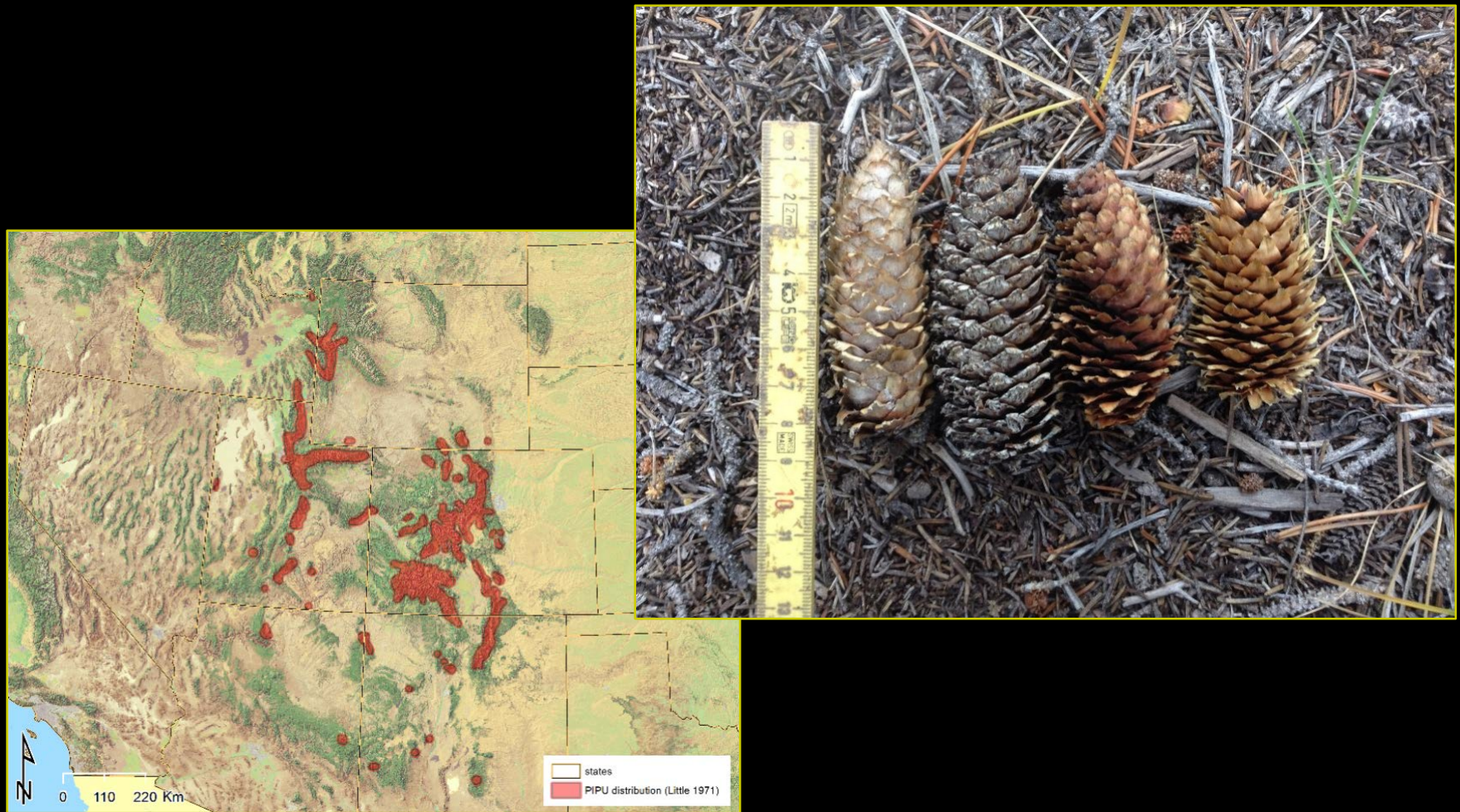
Name: *

Affiliation: *

Email address: *

Figure 7. To request a rating change a) from the NWPL homepage, click on submit NWPL rating change, b) on the questionnaire page click on NWPL Wetland Rating Request Questionnaire and you will be redirected to c) the Questionnaire.

Quantifying the Wetland Indicator Rating of *Picea pungens* (Blue Spruce)



*David Cooper, Ed Gage, Betsy Bultema, Cristina McKernan, Joanna Harter
Sven Bultema, Dan Kotter, and Amanda Snyder*

Questions ? Comments?

Contact us:

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