



Sacred Lotus confirmed - exotic

Bunk, Heidi J - DNR

to:

Herman, Laura J - DNR

03/22/2011 10:53 AM

Cc:

"agreen@co.walworth.wi.us", Charlie Handel, Gail Swaine

Show Details

History: This message has been replied to.

Hi Everyone -

Thanks to Laura's tenacity, we have a confirmation on our suspected Sacred Lotus. Thank you Laura! I would like to set up a conference call between DLSD, Audrey and myself to discuss next possible steps. Perhaps Cory Evans as well.....

How does Friday, April 1st work?

Heidi

From: Herman, Laura J - DNR
Sent: Tuesday, March 22, 2011 10:37 AM
To: Bunk, Heidi J - DNR
Cc: Mikulyuk, Alison F - DNR; Nault, Michelle E - DNR
Subject: RE: FWscared lotus:

Just got off the phone with Dr. Freckmann. The lotus is nelumbo nucifera. Ali and Michelle, were you copied on any of these emails? Potential new NR40 plant??

Laura Herman

Citizen Lake Monitoring Network Educator

UWEX

107 Sutliff Ave.

Rhineland, WI 54501

(☎) phone: (715) 346-3989 (Stevens Point)

(☎) phone: (715) 365-8998 (Rhineland)

(☎) fax: (715) 365-8977

(✉) e-mail: laura.herman@uwsp.edu

(✉) e-mail: laura.herman@Wisconsin.gov

From: Bunk, Heidi J - DNR
Sent: Friday, March 11, 2011 5:06 PM
To: Charlie Handel
Cc: Gail Swaine; agreen@co.walworth.wi.us; Herman, Laura J - DNR
Subject: RE: FWscared lotus:

Hi Charlie -

I wanted to let you know that I am quite concerned about what you documented. I have been waiting for a

confirmation from Dr. Freckman. My coworker from Rhineland has been diligently trying to get in touch with him to no avail. If we indeed document that this is the sacred lotus or some sort of hybrid (or cultivar), I would definitely like to make a stab at eradication, which would almost certainly involve dredging. If eradication is not financially possible, containment would be my next choice. At a minimum we could harvest the flower heads before they go into seed. We would have to talk about whether Geneva Landings staff could do that or if your harvesting crew could do that. The flower heads would probably need to be landfilled. Of course, since the plant also reproduces by runner roots, my proposal to harvest the flower heads would only slow the spread, not truly contain the spread.

Heidi

From: Charlie Handel [<mailto:charlie@dlsd.org>]
Sent: Friday, March 04, 2011 10:49 AM
To: Bunk, Heidi J - DNR
Subject: FWscared lotus:

From: Dawn Rosencrans [<mailto:dawn@dlsd.org>]
Sent: Friday, March 04, 2011 9:32 AM
To: charlie@dlsd.org
Subject:

Your sacred lotus pictures. Heidi the seed heads from sacred lotus have made it to the dam ! about 6 are in photos I will remove the seed heads from dam area today .let me know what other things can be done to help . thanks
Charlie



FW: RE: Lotus dilemma...
 Bunk, Heidi J - DNR
 to:
 agreen@co.walworth.wi.us, agreen28@wi.rr.com
 08/31/2010 01:58 PM
 Show Details

 Heidi J. Bunk

DNR Lakes Biologist
 Water Resources Specialist
 Bureau of Watershed
 Wisconsin Department of Natural Resources
 141 NW Barstow Street Room 180
 Waukesha, WI 53188
 (☎) phone: (262) 574-2130
 (☎) fax: (262) 574-2128
 (✉) e-mail: heidi.bunk@wisconsin.gov

From: Robinson, Brooke B - DNR
Sent: Tuesday, August 31, 2010 10:54 AM
To: Bunk, Heidi J - DNR
Subject: FW: RE: Lotus dilemma...

From: Susan Knight [<mailto:seknight@wisc.edu>]
Sent: Tuesday, August 31, 2010 10:33 AM
To: Robinson, Brooke B - DNR
Subject: Fwd: RE: Lotus dilemma...

Brooke,
 Freckmann believes it is the exotic species *N. nucifera* (sacred lotus). He is the expert - I would go with his determination. Thanks again for the photos - beautiful!
 Susan

----- Original Message -----

Subject: RE: Lotus dilemma...
Date: Tue, 31 Aug 2010 10:10:46 -0500
From: Freckmann, Robert <rfreckma@uwsp.edu>
To: 'Susan Knight' <seknight@wisc.edu>

I am almost positive that it is *Nelumbo nucifera*. The nearly white tepals are probably indicative of *N. nucifera*, although the slightly yellowish tinge of the outermost is not characteristic of *N. nucifera*, but the more rounded top and sides of the fruiting receptacle is a pretty good *N. nucifera* trait.

From: Susan Knight [<mailto:seknight@wisc.edu>]
Sent: Monday, August 30, 2010 4:13 PM
To: Freckmann, Robert
Cc: Robinson, Brooke B - DNR
Subject: Fwd: Lotus dilemma...

Dr. Freckmann,
 Here are some exquisite pictures taken by Brooke Robinson. My keys say *N. lutea* has yellow flowers and *N. nucifera* is pink. I would guess these, with white flowers, are *N. lutea*, but do you have other thoughts? Spectacular photos Brooke!
 Susan Knight

----- Original Message -----

Subject: Lotus dilemma...
Date: Mon, 30 Aug 2010 15:01:43 -0500
From: Robinson, Brooke B - DNR <Brooke.Robinson@Wisconsin.gov>
To: Knight, Susan <seknight@wisc.edu>

Hi Susan,
 I have taken some photographs of the lotus in Delavan Lake, which Heidi Bunk may have told you about. I am leaning towards it being the *Ame*
 I appreciate any help you can give :)
 Thanks,
 Brooke Robinson

UWSP086219	Nelumbo lutea Willd.	8/6/1972	Sohmer, S.H.	7266	Trempealeau
UWSP108724 A	Nelumbo lutea Willd.	8/28/1988	Clemment, Troy	85	La Crosse
UWSP108724 B	Nelumbo lutea Willd.	8/28/1988	Clemment, Troy	85	La Crosse
UWSP141241	Nelumbo lutea Willd.	8/13/2003	Cahow, Jim	s.n.	Polk
UWSP143230 A	Nelumbo lutea Willd.	8/22/2007	Proctor, Scott	s.n.	Juneau
UWSP143230 B	Nelumbo lutea Willd.	8/22/2007	Proctor, Scott	s.n.	Juneau
UWSP143230 C	Nelumbo lutea Willd.	8/22/2007	Proctor, Scott	s.n.	Juneau
UWSP145185 A	Nelumbo lutea Willd.	8/22/2007	Bogdansky, Alvin L.	s.n.	Marquette
UWSP145185 B	Nelumbo lutea Willd.	8/22/2007	Bogdansky, Alvin L.	s.n.	Marquette
UWSP154782 A	Nelumbo lutea Willd.	9/29/2009	McCrea, Patrick	s.n.	Dane
UWSP154782 B	Nelumbo lutea Willd.	9/29/2009	McCrea, Patrick	s.n.	Dane
UWSP156894 A	Nelumbo lutea Willd.	8/26/2010	Bunk, Heidi	s.n.	Walworth
UWSP156894 B	Nelumbo lutea Willd.	8/26/2010	Bunk, Heidi	s.n.	Walworth
UWSP158508	Nelumbo lutea Willd.	9/18/2010	Skawinski, Paul M.	s.n.	Juneau

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**Wisflora - Vascular
Plant Species**

**University of
Wisconsin -
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Specimen Detail Page

Accession: UWSP156894_A

Institution: University of
Wisconsin-Stevens
Point

Taxon Code: [NELLUT](#)

**Page per
Specimen:** 1

**Kind Of
Specimen:** mounted

Flower: 0

Fruit: 0

Sterile: 0

Pop. Area:

Pop. Area Type:

State: Wisconsin

County: Walworth **Country:** USA

Site No.: Delavan Lake LAKE

Collection Event:

Place: Delavan Lake; along Geneva Landings
Condominium Complex

T1: 02N **R1:** 16E **S1:** 21 **Quarter**
Secs. 1:
Lat: **LatDec:** 0
Long: **LongDec:** 0
Lat2: **Long2:**

Habitat: On muck.

Text: In a patch 52 feet by 163 feet. Sheet 1 of 2.

Collection No.: s.n.

Date: 8/26/2010 0:00:00

Collector 1: Bunk, Heidi

Collector 2:

Collector 3:

Annotator:

Date:

Type:

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Specimen Detail Page

Accession: UWSP156894_B

Institution: University of
Wisconsin-Stevens
Point

Taxon Code: NELLUT

**Page per
Specimen:** 1

**Kind Of
Specimen:** mounted

Flower: 0

Fruit: 0

Sterile: 0

Pop. Area:

Pop. Area Type:

State: Wisconsin

County: Walworth **Country:** USA

Site No.: Delavan Lake LAKE

Collection Event:

Place: Delavan Lake, along Geneva Landings
Condominium Complex

T1: 02N **R1:** 16E **S1:** 21 **Quarter**
Secs. 1:
Lat: **LatDec:** 0
Long: **LongDec:** 0
Lat2: **Long2:**

Habitat: On muck.

Text: In a patch 52 feet by 163 feet. Sheet 2 of 2. [Sheet contains map as well a packet].

Collection No.: s.n.

Date: 8/26/2010 0:00:00

Collector 1: Bunk, Heidi

Collector 2:

Collector 3:

Annotator:

Date:

Type:

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