

Attendees: Mike Bald (Got Weeds?) (phone), Ann Bove (DEC), Nate Carr (Green Works), Kathy Decker (FPR), Mary Beth Deller (Forest Service) (Phone), Rose Paul (TNC), Bob Popp (F&W), Judy Rosovsky (USDA PPQ), Tim Schmalz (AAFM), Elizabeth Spinney (FPR), Gwen Kozlowski (UVM Ext), Aaron Marcus (F &W, guest)

Absent:

Toby Alexander (USDA NRCS), Laura Lapierre (DEC), Stephen LaVallee (USDA), Anthony Slowik (USDA PPQ, guest), Lindsay Modesto (USDA PPQ, guest)

Complete Contacts List (including new members not present):

T. Alexander
M. Bald
A. Bove
N. Carr
K. Decker
MB. Deller
(FYI) E. Inoue
(FYI) K. Jones
G. Kozlowski
L. Lapierre
(FYI) S. LaVallee
R. Paul
B. Popp
J. Rosovsky
T. Schmalz
E. Spinney

Potential new members:

L. Modesto
A. Slowik

Topics of Discussion:

1. Updated Contact list: review.
2. Co-chair ship: Elizabeth is the co-chair; need to elect someone this meeting for Kathy's chair
3. Schedule for upcoming year: number of meetings, dates.
4. Follow up on previous worksheets: confirm what we decided last time and get updates on items left unfinished.
5. Review sheets for: Japanese hop, European Spindle Tree, Wild Parsnip (Rose); Petasites and Valeriana (Bob); Water soldier, water hyacinth and water wheel (Ann).
6. Discussion of Mugwort (Mary-Beth)
7. Other

1.- Updated Contact list: review.-

Discussion led by Kathy

--Form went around, folks updated their contact list--

2. - Co-chair ship—

Elizabeth is the co-chair; need to elect someone this meeting for Kathy's chair

--Kathy led discussion on co-chair selection—

Mary Beth to take on co-chairship, (Jan 2017-Dec 2018)

-Leadership Structure-

Staggered 2 year terms, Kathy to start, and will serve for 1 year with another co-chair who will serve 2, and next year we will pick a replacement for Kathy who will serve 2 years (staggered)

Current Co-Chair Terms:

Kathy Decker- Jan 2016-Dec 2016 (will select replacement at Oct. meeting)

Elizabeth Spinney- Jan 2016- Dec 2017 (will select replacement at last meeting in 2017)

Mary Beth Deller- Jan 2017- Dec 2018 (will select replacement at last meeting in 2018)

3. - Schedule for upcoming year: number of meetings, dates.-

Discussion led by Kathy

--general discussion about whether to have a meeting during field season—

Elizabeth—propose we have just two meetings

Kathy- how about march/april, and Oct/nov

Rose- lets pick dates

April, early November

Ann- does this location work for folks? ---general agreement---

Mary Beth- Also agreeing to host

Kathy- what about Bethel Police barracks?

Mary Beth- November meeting in Rochester, with field component

Elizabeth- how about Annex for April?

Ann—booked the Annex for that afternoon, 1-330

Rose- November 9th for Rochester?

Mary Beth- field trip possible, with nearby problem site, if we start in the morning

---going around room doing introductions---

Decided on April 20th, 2017, 1-3:30pm, Annex

November 9th, 2017, 10am-12noon, Rochester NF Office, afternoon for field trip for those interested

Action item---Ann to book Annex for April 20th, 2016

Elizabeth/Ann to book phone line for April 20th, 2016

4. –Follow up on previous worksheets—

Watch List species- confirm what we decided last time, get updates on items left unfinished, identify further steps

June 2016 Notes

Hardy Kiwi

----Judy

Actinidia arguta, <https://gobotany.newenglandwild.org/species/actinidia/arguta/>

Recommendations- Follow up with Judy on depth of research and whether we need to look further, and whether she has time to do the additional research, would like to know what CT and MA are actively doing about this species, no action at the moment

Oct 2016 Notes

---MA has probably taken some action on this species, Judy, to look into it further, and make a written submission---

Judy- NH, someone is promoting it as an agricultural product, hard to confirm anecdotal information on infestations (ID)

---discussion of hardy kiwi worksheet---

Action Item—Judy to look into it further, and make a written submission

June 2016 Notes

European Alder

----Bob P.

Alnus glutinosa, <https://gobotany.newenglandwild.org/species/alnus/glutinosa/>

(already on watchlist, might need more complete worksheet)

Recommendations- **Bob P.**- recommending quarantine listing

Tim- will look for whether anyone is selling this plant in Vermont

Kathy- look for whether anyone is growing and selling it in VT, and what impact will the quarantine listing have? Will it have an impact?

Tim + Bob- also follow up with Toby on whether there was a substitution clause

Currently on the watch list- suggestion to look into adding to B list on Quarantine, would prevent any new introductions, needs follow up with Toby (completed)

October 2016 notes

Bob P- this was mistakenly planted around the state, nurseries sent the wrong species, but nothing illegal was done, so Toby and his NRCS crew is covering the bill of removal and replanting

Recommendation-

Add to watchlist, have Bob P. add the worksheet back onto FTP site

Action item—Elizabeth to confirm it on watchlist

June 2016 Notes

Starry stone wort (newly confirmed)

----Ann

Nitellopsis obtusa, <http://www.dnr.state.mn.us/invasives/aquaticplants/starrystonewort/index.html>

Recommendations- follow up with Ann on what she would like to see, and then potentially recommend for Class A

Oct 2016

recommendation- watchlist, unanimous

Action Item--- Elizabeth to add to watchlist

Action item---Add Rorippa sheets to FTP site---Bob Popp

5. -- Review new worksheets—

Japanese hop, European Spindle Tree, Wild Parsnip (Rose); Petasites and Valeriana (Bob); Water soldier, water hyacinth and water wheel (Ann)

Japanese hop

----Rose

Humulus japonicas

<https://gobotany.newenglandwild.org/species/humulus/japonicus/>

Discussion- led by Rose

Proposed Class B, should go on watchlist

Annual, shallow rooted vine, 10+' tall, vine stems have short barbs to allow it to cling, dioecious, fruit looks like traditional hops

Introduced in late 1800s to US, found throughout New England, and Eastern Canadian provinces, not considered naturalized. At least 3 counties in Vermont have records of it present in the wild.

Most likely found along roadsides, forest/woodland (edge of forests), river/stream, right of way, transitional field, lakeshore/streambank, will grow in variety of soil types, prefers full sun, and relatively moist soil.

--general discussion of clicking "other" if it is an area that is not listed on question 11, some confusion about forest edge habitat---

Creates thick patches, nearly impenetrable to light, not full forest cover really

Rose—starting to manage for shrubland warblers, an example of an important species potentially impacted by this species, transitional field edges, but that's speculation

Not well documented about where it occurs, site level removal feasible, depending on size of patch

Does anyone have information about seed bank?

MA—prohibited, CT—potentially invasive, banned, they are the only states reporting it as invasive in the northeast, however other states including VA, WI, and IA have reported the plant on invasive lists

No mention that it could be used in beer making, could be used in horticulture trade

Recommendations-

to add to the watchlist, would be helpful to find out if it is potentially used in brewing

--general discussion about what it means to add something to the watchlist—

Making recommendation that it go on Quarantine as class B plant, addition to the watchlist, unanimous addition to watchlist

Action item---Elizabeth to add to watchlist

European Spindle-tree (euonymous)

---- Rose

Euonymus europaeus

<https://gobotany.newenglandwild.org/species/euonymus/europaeus/>

Discussion-

No current status in Vermont, proposing for Class B, for watchlist first

Deciduous shrub, heights of 12+', blooms in May, features a lot like burning bush, fruit is appealing, pink capsule that splits open to orange seeds, in September, a couple of varieties, a white fruit and a dwarf.

Known locations throughout the Northeast, Eastern provinces, and some more southern locations

Known in VT, in Vernon (info from Aaron Marcus), Bethel, Richmond, Craftsbury, Woodstock, Hanover, and Castleton. Probably in other locations.

High likelihood of spread.

Nursery/landscaping, nurseries, floral retailers, etc, sold in VT by in-state retailers, shipped to VT via mail order or online catalogues

Found along roadsides, lawn/suburban landscape, ornamental ponds, old field, floodplain forest, river/stream, transitional field, lakeshore/streambank

Thrives in nutrient-rich soils

Impacts ecosystem, impacts to humans and infrastructure—little impact to infrastructure, but poses human health threat, the shrub's fruit are very poisonous to humans. The pink capsules look inviting to young children, but consumption can result in liver/kidney failure, or even death.

Not prohibited by law in any states/provinces that the researcher found, is considered invasive by a few groups

--general discussion—

Nate- novelty plant, with burning bush losing favor, he sees less euonymus for sale

Tim- doesn't get a lot of attention in his program, nurseries hesitant to do work with Euonymus

Mike- curious if it was brought up at CT conference, with toxicity it is alarming, maybe several states could take it on at once

Rose- could you connect with CT or another state?

Mike- yes, will connect with CT and MA

Recommendations-

to add to the watch list, unanimous decision

Action item---- Mike Bald to connect with contacts in CT and MA about their take on this species

Elizabeth to add to watchlist

Butterbur Sweet-Coltsfoot, Japanese Sweet-Coltsfoot

---Aaron, Bob P.

Petasites hybridus, *Petasites japonicas*

<https://gobotany.newenglandwild.org/species/petasites/hybridus/>
<https://gobotany.newenglandwild.org/species/petasites/japonicus/>

Discussion- led by Aaron

Lincoln Gap Rd- *Petasites japonicas*, Ann had noted the population in 2010, has now exploded, Mary Beth has seen it for years, but not this aggressive, on both sides of road, Aaron thinks it moved through the culvert, well documented to move downstream by miles

Currently has no status in Vermont

Proposing for watchlist, probably urgently needs something to prevent planting it

When it has been identified, need it to be flowering or fruiting, so these are lumped together for this worksheet (*hybridus*, and *japonicas*)

Bob P.- one of the first to flower, like late April

Aaron- related to coltsfoot

Japonicas native to China, Japan, Korea, naturalized in Europe, traditionally eaten in Japan (very common as a food item), has to be processed to not be toxic

Hybridus native to central Europe and into parts of Asia, species is slightly smaller, also planted as ornamental (not mainstream garden plants, but are go-to for big leaves), late 1800s, first documented in VT in 2009

All populations in VT are showing signs of expanding, or might have stayed put and then expanded, limited by need for water, won't grow in dry places, where soil is not constantly moist

Rose has another location (Barre), so does Ann, and Elizabeth (Sweet Pond State Park, Guildford), Matt Peters (Woodbury), appears to like fertile soil, NY is reviewing it right now

Mike- a woman he knows, put three plants in (possibly from nursery) ten years ago, now spreading across her property, hugging wet swale through field (Pomfret)

Aaron- doesn't do well in sun, rhizomes known to spread downstream, plants are dioecious, not clear if some or any are producing fertile seeds, could potentially become more invasive if male/female plants get in close contact

Matt Peters (NY) says his state has *hybridus*, reviewing this species, focusing on fertility, can share with the committee, hasn't been reviewed by NY yet

This plant is in the aster family, seeds can be carried on the wind or on wildlife, tolerant of full shade and sun, persistence in seed bank is unknown

Not well documented, few places have considered the invasiveness of these species

(need to update worksheet- impacting marsh horsetail (RTE) at one site)

Only other site in New England is Maine. Not clear what the most effective method of treatment is for these species

There is a state endangered species that is a *petasites*!

Recommendations-

Watchlist, would be good to recommend to quarantine to stop trade in nurseries, to stop the spread to other watersheds, unanimous decision

Action Item—Aaron to update locations, and check box that it is impacting marsh horsetail (RTE) at one site

Elizabeth to add to watchlist

-----not covered-----

Garden valerian

Valeriana officinalis

<https://gobotany.newenglandwild.org/species/valeriana/officinalis/>

Discussion-

Recommendations-

Action item—Bob Popp to prepare worksheet for April meeting

Everyone to review worksheet prior to April meeting

----Bob Popp

Wild Parsnip—already uploaded

Pastinaca sativa

<https://gobotany.newenglandwild.org/species/pastinaca/sativa/>

Discussion-

Recommendations-

Action item---Everyone to review worksheet prior to April meeting

--- Rose

Water soldier (in Ontario)

Stratiotes aloides

<http://plants.usda.gov/core/profile?symbol=STAL6>

<http://data.canadensys.net/vascan/taxon/27898/>

Discussion-

Recommendations-

Action item—Ann to prepare worksheet for April meeting

Everyone to review worksheet prior to April meeting

----Ann

Water wheel (New Jersey)

Aldrovanda vesiculosa

<http://plants.usda.gov/core/profile?symbol=ALVE3>

Discussion-

Recommendations-

Action item—Ann to prepare worksheet for April meeting

Everyone to review worksheet prior to April meeting

----Ann

Water hyacinth

Eichhornia crassipes

<http://plants.usda.gov/core/profile?symbol=EICR>

(Reported in neighboring states, but doesn't over winter,
on federal noxious weed list-- *E. crassipes* not on list,
but *Eichhornia azurea* is on list)

Discussion-

Recommendations-

Action item—Ann to prepare worksheet for April meeting

Everyone to review worksheet prior to April meeting

----Ann

6.-- Discussion of Mugwort--

Discussion led by Mary Beth, Elizabeth to hand around factsheet text

Discussion of mugwort with Mary Beth

Call for consensus that a worksheet would be worthwhile, and who would do the worksheet, native to Alaska (extremes of its range)

Mary Beth willing to tackle the worksheet, for next meeting

Mugwort

-----Mary Beth

Artemisia vulgaris L.

<https://gobotany.newenglandwild.org/species/artemisia/vulgaris/>

Action item—Mary Beth to prepare worksheet for April meeting

Everyone to review worksheet prior to April meeting

7. –Other business--

Format of meetings-- Proposal for meeting format: turn in worksheets ahead of time for review, then worksheet creator gives 5-10 minutes summary of species, have hard copies, projected worksheets, keep to timeframe.

Disposal issue—Bob Popp, Shelburne/South Burlington border, several property owners and other contenders, need to put in drainage on project right off of route 7, small drainage swale now, need to put in a detention pond to catch drainage, current swale is lined with phragmites

This is a cut project, soil is being “disposed”, with phragmites, but there is a huge increase in cost of the project.

--general discussion—

Is there a way for AAFM and (VIEPC?) to collaborate on outreach materials and maybe BMPs for this issue? Maybe an amendment to the Rule to allow variance for those following these BMPs? Will follow up at next meeting

Action item---Tim to take lead on starting BMPs for contaminated construction material disposal, group to discuss and move item forward at April's meeting (on the agenda)

Potential topics for next time:

- wild parsnip, Garden Valerian, water wheel, water hyacinth, water soldier, mugwort-- worksheets and review/discussion for watchlist

-construction material BMPs

Action Items:

Reminder: FTP access from web browser (for viewing), file explorer (for editing)—

--Other Business--

Tim to take lead on starting BMPs for contaminated construction material disposal, group to discuss and move item forward at April's meeting (on the agenda)

Elizabeth to update watchlist

Ann-- to book Annex for April 20th, 2016

Elizabeth/Ann-- to book phone line for April 20th, 2016

--Worksheets--

Species worksheets **Deadline for sending in worksheets (mark your calendars)—April 6th—to allow time for review**

*****PLEASE NOTE---when accessing worksheet template on FTP, please save a copy locally and upload new file when done, this will preserve the template for other users*****

Aaron—to update Petasites worksheet

Mike- To connect with contacts in CT and MA about their take on this species

Judy- Hardy kiwi update

Bob P.- Garden valerian

Ann- Water soldier, Water wheel, Water hyacinth

Mary Beth- mugwort

Everyone – please review worksheets prior to April meeting (should be uploaded two weeks out), and be prepared to discuss and ask questions