

**Attendees:**

Bob Popp (F&W), Rose Paul (TNC), Kathy Decker (FPR), Nate Carr (Green Works), Tim Schmalz (AAFM), Elizabeth Spinney (FPR), Laura Dlugolecki (DEC Lands and Ponds)

**Absent:**

Ann Bove (DEC), Emilie Inoue (AAFM), Elise Schadler (UVM), Stephen LaVallee (USDA), Laura Lapierre (DEC), Judy Rosovsky (USDA PPQ), Mike Bald (Got Weeds?), Craig "DiGi" DiGiammarino (AOT), Toby Alexander (USDA NRCS), MaryBeth Deller (Forest Service)

\*\*Note, FPR staff please code time to CO-HEALT13\*\*

**Complete Contacts List (including new members not present):**

T. Alexander  
 M. Bald  
 A. Bove  
 N. Carr  
 K. Decker  
 MB. Deller  
 C. DiGiammarino  
 L. Dlugolecki  
 E. Inoue  
 L. Lapierre  
 S. LaVallee  
 R. Paul  
 B. Popp  
 J. Rosovsky  
 T. Schmalz  
 E. Schadler  
 E. Spinney

**Topics of Discussion:**

1. Update on Co-chair- Discussion led by Kathy
  - 1a. Schedule for rest of year
2. Watch list
3. EDRR
  - 3a. Vermont EDRR Network
4. Other Business
  - Feedback to Tim on Pollinator factsheet
  - Species for shoreline protection
  - Pesticide Rule

**1.-Update on Co-chair-**

*Discussion led by Kathy on recruiting a new co-chair, Judy cannot stay as co-chair*

Kathy suggested, maybe Elizabeth? She will talk with Josh and Barbara about whether she can complete Judy's term

**-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)

Co-chair- Jan 2016- Dec 2017 (will select replacement at last meeting in 2017)

### 1a. -Schedule for rest of year-

**October 25<sup>th</sup> 10am-1pm, Annex** (Need to book room and conference call---can't book this far out, needs follow up)

--Side discussion with Laura and Lakes and Ponds Shoreland Protection list of exempted species--

### 2. -watch list--

*Watch List species- review list, review worksheets, identify further steps*

## Review of Species Worksheets

### Hardy Kiwi

----Judy

*Actinidia arguta*

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

#### *Discussion-*

not a completed worksheet, known in ME, in VT nurseries carry this plant, MIPAG 2015-upgraded to likely invasive, perhaps follow up with Judy on depth of research and whether we need to look other places for more info

**Tim-** at the level of "novelty" plant, fad species but not in strength like Norway Maple, Arnold Arboretum has several cultivars of it in their vine exhibit

**Rose-** permaculture movement, do promote hardy kiwi

#### *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

### European Alder

----Bob P.

*Alnus glutinosa*

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

(already on watchlist, might need more complete worksheet)

#### *Discussion-*

**Bob P.-** recommending quarantine listing, strong range in Europe and Asia, naturalized in at least 21 US states, and a variety of other countries. Largest concern about present locations in VT—statewide, two major sources of introduction, MBR at turn of century-escaped throughout Ottauquechee River and Woodstock, up and down CT River, as far south as Springfield, second source- USDA Farm Bill Conservation Programs that partnered with landowners to do riparian restoration and accidentally planted the wrong alder. Prolific seed producer with seeds that float, and reproduced vegetatively.

NRCS is going back to the sites where they were planted, and trying to control the plants.

**Tim-** will be looking for it in nurseries in VT this summer

--general discussion about implications of listing or not listing on B list--

--general discussion about what information we need to list something on A list--

Question for Toby- is there a substitution clause? How did the mix up happen?

Bob P. followed up with Toby- Summary: Riparian Forest Buffer Standard- guiding doc for buffer plantings. Substitution is not at the discretion of the nurseries. Substitutions are communicated and approved ahead of time. Plants were labeled "speckled".

"There are additional specifications in the Specification for the Practice. This further clarifies the standard. See below.

Riparian Forest Buffer Conservation Practice Standard

<https://efotg.sc.egov.usda.gov/references/public/VT/VT391.pdf>

Riparian Forest Buffer Conservation Practice Standard – Specification

<https://efotg.sc.egov.usda.gov/references/public/VT/VTSpec391-0109.pdf>

Riparian forest buffers will be designed to meet the intended purpose of the practice and will also mimic natural plant communities native to the site. Locally developed, native Vermont plant materials or seeds should be considered for planting. See VT Forestry Technical Note 2 – VT Trees and Shrubs for Conservation for more information. Do not order or plant species developed outside of Vermont which are uncommon or rare in the State. This will maintain the genetic integrity of this species in Vermont. Plant a minimum of 5 species of trees and or shrubs for each site. For specifications on tree and shrub planting see Tree and Shrub Establishment (612) Specification Guide Sheet."

*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)

**Meadow dropwort (Queen of the Meadow)**

---Kathy

*Filipendula ulmaria*

<https://gobotany.newenglandwild.org/species/filipendula/ulmaria/>

*Discussion-*

On Rt 2 on Cabot and Marshfield line, spread by seed, spreading out from the Rt 2 population, Kathy has seen it along Passumpsic River, Lyndonville, St J., Cabot (1978), Sharon (1985)

**Tim**- size of infestations? How long? How fast is it spreading?

**Bob P.**- Cabot location is covering at least an acre, since 1978

**Kathy**- and in the last 10 years, seeing it spread in the last ten years

**Nate**- cultivar rubra is bigger than this plant, aggressive in garden setting (different sp—cultivar of Prairie)

**Rose**- yes, very aggressive in garden setting

**Kathy**- where it occurs, locally dense, no information on whether it is being sold or not, appears to be medicinal or herbal, rose family, similar situation where it's not being sold, out in landscape

**Nate**- cultivated varieties being sold, less common varieties—double flower form is one he's familiar with

**Kathy**- would like to see it on the watchlist

*Recommendation-*

Add to watch list, unanimous agreement

### **Himalayan balsam (impatiens)**

---Rose

*Impatiens glandulifera*

<https://gobotany.newenglandwild.org/species/impatiens/glandulifera/>

*Discussion-*

**Rose**- Himalayan balsam, policeman's helmet, saw it in Plainfield for the first time, suggestions- if in the nursery trade maybe have it go to Class B, if not maybe just watchlist

**Bob P.**- also records in Marshfield, Grafton, and Dorset

**Kathy**- do we have all the information we want for making a recommendation either way?

*Recommendations-*

Moving forward- further research on whether this is being sold, is it available in out of state nurseries?

**Nate**- seems like the prevention would be to stop folks sharing this plant? Not really commerce, so what's the mechanism for this movement?

**Kathy**- has to be educational at its core, how about adding to the watchlist?

**Nate**- what more do we want to know to add to B list?

**All in agreement to add to watch list**

### **Wall lettuce**

---Rose

*Mycelis muralis*

<https://gobotany.newenglandwild.org/species/mycelis/muralis/>

*Discussion-*

**Rose**- fairly sure that it is accidentally introduced vs in trade, wind dispersed seeds, not really in guide books

--discussion of information available from other New England states and within VT—

**Rose**- raise awareness by adding to watch list, bring to attention to certain groups like sugar makers

**Bob P.**- not really showy, can't see folks moving this around on purpose

**Kathy**- the way it spreads makes it hard to control, little information on the ecological impacts, good to know what those are

*Recommendations-*

**Unanimous decision to add to watch list**

**Starry stone wort** (newly confirmed)

---Ann

*Nitellopsis obtusa*

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

*Discussion-*

**Kathy-** humans are main vector, waterfowl also possible

**Bob P.-** new arrival, not in any of the manuals, a true case of EDRR

**Kathy-** already responding to it

**Tim-** if actively eradicating, could be a class A

**Kathy-** follow up with Ann on what she would like to see (some confusion from her worksheet, it was listed as Class A in one place, and Class B in another), and then potentially recommend for Class A

*Recommendations-*

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

**False spiraea**

---- Kathy

*Sorbaria sorbifolia*

<https://gobotany.newenglandwild.org/species/sorbaria/sorbifolia/>

*Discussion-*

**Kathy-** proposing it be added to watch list, wood shrub, dense root system, currently in the wild in VT, FPR actively managing this species in Victory Basin, expands locally where planted

**Eliz-** notes from Aaron Marcus, FW + GMNF

“*Sorbaria sorbifolia*: I was hoping this one would make it on the list. I have documented 3 to 5 sites for the GMNF all on or near the GMNF. It can behave very aggressively, dominating 1 to 3 acres of opening, or roadsides, but I haven’t seen it travel far from the original homestead sites so far—the seeds may have very limited dispersal. It also doesn’t like deep woods—really only in openings and roadsides. I’ve seen it in an acre old homestead site in Winhall (pictures I think), along the White River to Route 100 in Granville in shrubby thickets (a few acres), and on the Ripton-Lincoln Rd in Ripton (maybe 100 foot length). I think I’ve seen it on a couple other roadsides, but my mind is foggy.”

**Kathy-** not really able to jump a spatial boundary, may not really be a wide spread invader, so more of a watch list species, strong local impact

**Nate-** has planted this species before, one job site, there are substitutes for this species certainly. Not sure if he’s seen its strong invasive potential, strong growing plant but not sure if its “invasive”

**Kathy-** seems like it really needs to be planted, doesn’t really move on its own, is it sold?

**Nate-** yes, The cultivar is what he has planted

*Recommendations-*

Watch list? Unanimous consensus yes to watchlist

**Watercress** ---Bob Popp, will look into taxonomy

*Rorippa nasturtium-aquaticum/ Nasturtium officinale*

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

<https://gobotany.newenglandwild.org/species/nasturtium/officinale/>

Rorippa amphibia (?) might want to add on- discussion for later?

**Species not covered**- next scheduled meeting in October, two weeks prior to October meeting please have these submitted

**Japanese hop** ----Rose

*Humulus japonicas*

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

**Butterbur Sweet-Coltsfoot** ----Judy

*Petasites hybridus*

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

**Japanese Sweet-Coltsfoot** ---Judy

*Petasites japonicas*

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

**European Spindle-tree (euonymous)** ---- Rose

*Euonymus europaeus*

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

**Garden valerian** ----Bob Popp

*Valeriana officinalis*

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

**Water soldier (in Ontario)** ----Ann

*Stratiotes aloides*

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

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

**Water wheel (New Jersey)** ----Ann

*Aldrovanda vesiculosa*

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

**Water hyacinth** ----Ann

*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)

**Wild Parsnip** --- Rose

*Pastinaca sativa*

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

### 3. –EDRR— / 3a. Vermont EDRR Network

EDRR—bypass for now, and follow up on “other” items, will take a longer discussion than we have time for right now

### 4. –Other business--

\*Feedback to Tim on Pollinator factsheet

**Bob P.**- I have already commented on this for Toby, before the pollinator conference

\*Species for shoreline protection

**Laura**- exemption for nuisance plants, doesn't have all species on the Quarantine or watch list, currently static, would like to have it be dynamic,

**Kathy**- our list will be updated, quarantine is controlled by Ag

**Laura**- would think that we'd use both quarantine and watch list

**Kathy**- should be an updated watch list soon

\*pesticide Rule

--general discussion about whether the rule will be opening any time soon, wanting to add category of invasives control-

### Potential topics for next time:

Continue with Worksheets, EDRR- Discussing action plan, Identifying resources for EDRR, statewide databases for location data

## Action Items:

**Reminder:** FTP access from web browser

### --EDRR--

#### Everyone –

\*review EDPlan and RRPlan, drafts by B. Colleran, FTP—VIEPC—EDRR VIEPC—VT EDRR

\*review EDRR flow chart from NY, FTP—VIEPC—EDRR VIEPC—EDRR in other states---NY

\*review EDRR documents in FTP---VIEPC---EDRR VIEPC---EDRR in other States---federal

#### Everyone –

\*think of priority EDRR species for next meeting (knocking at our door, already here, etc.)

\*think of allies for a Vermont network (who might help/have resources)

\*\*look at the Forest Pest Resource Plan as an example

## --Other Business--

### \*\*\*Pollinator fact sheet

**Tim-** to send around pollinator fact sheet with plant species list

**Everyone** – review pollinator fact sheet from Tim once he sends it, and offer feedback via email

**Everyone-** here is the contact information for the Vermont Invasives website, if you have comments about content

<http://vtinvasives.org/content/about-us> (Meredith)

## --Worksheets--

**Species worksheets** **Deadline for sending in worksheets—October 11th—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\*\*\*\*\*

**Rose-** Japanese hop, European Spindle-tree (euonymous), Wild Parsnip

**Judy-** (let us know if you'd like someone else take this on)- Butterbur Sweet-Coltsfoot, Japanese Sweet-Coltsfoot

**Bob P.-** Garden valerian

**Ann-** Water soldier (in Ontario), **Water wheel** (New Jersey), **Water hyacinth**

**Everyone-** please either send Eliz. your previous worksheets or upload them to the FTP (if you can, otherwise I'll add them), if hard copy, let me know and we'll work out a way to scan them in

**Everyone** – please review worksheets prior to October meeting (should be uploaded two weeks out)

**Eliz + Kathy-** follow up with questions on reviewed worksheets, update list and send out for final approval by committee (email)