

## TBDAC - Forestry Subcommittee Report & Vote

The following Tick Borne Disease Action Committee members voted:

Alexander	Voted at 08-04-10
Blanchard	Voted at 08-04-10
Chaudhary	Voted at 08-04-10
Delia	Voted at 08-04-10
Gaudet-Wilson	Voted at 08-04-10
Grossman	Voted as Absentee
Harrison	Voted at 08-04-10
Licht	Voted at 08-04-10
McLeod	Voted at 08-04-10
Miller	Voted at 08-04-10
Shaw	Voted at 08-04-10

- Contract a forester for professional services to make assessments and recommendations of all major town-owned open space areas and develop a forest management plan for selected open space parcels. Develop metrics for evaluation of forest health to be used to assess any changes over time.

Advantages:

- A professional plan will look at the overall health of open space parcels.
- The Conservation Commission is exploring low-cost ways to accomplish this.

Disadvantages:

- Will encompass only town-owned parcels.

Alexander	Yes
Blanchard	Yes
Chaudhary	Yes
Delia	Yes
Gaudet-Wilson	Yes
Grossman	Yes
Harrison	Yes
Licht	Yes
McLeod	Yes
Miller	Yes
Shaw	Yes

- Re-evaluate the parcels evaluated by CAES in March 2010 in five years to determine any changes.

Advantages:

- Base-line info is already available.

Disadvantages:

- None.

Alexander	Yes
Blanchard	Yes
Chaudhary	Yes
Delia	Yes
Gaudet-Wilson	Yes
Grossman	Yes
Harrison	Yes
Licht	Yes
McLeod	Yes
Miller	Yes
Shaw	Yes

## TBDAC - Forestry Subcommittee Report & Vote

3. Discourage further sub-divisions which create more edge habitat and implement cluster zoning regulations for future developments.

Advantages:

- Reduces further edge habitat, fragmentation, loss of biodiversity and risk of tick borne diseases.

Disadvantages:

- Requires change in zoning.

Alexander	Yes
Blanchard	Yes
Chaudhary	Yes
Delia	Yes
Gaudet-Wilson	Yes
Grossman	No
Harrison	Yes
Licht	Yes
McLeod	Yes
Miller	No
Shaw	Yes

4. Support efforts of a newly formed Invasive Species Work Group to eliminate/reduce barberry from town OS, parks, schools and private property. Investigate possible state funding of such efforts.

Advantages:

- Has already started and can be used immediately at identified sites.
- Low cost to town.

Disadvantages:

- Limit to what can be done.
- May be more difficult to achieve success as long as deer continue to be overpopulated, giving barberry an advantage (in forested areas). In residents' yards and near-by areas, success of reduction could be achieved.

Alexander	Yes
Blanchard	Yes
Chaudhary	Yes
Delia	Yes
Gaudet-Wilson	Yes
Grossman	Yes
Harrison	Yes
Licht	Yes
McLeod	Yes
Miller	Yes
Shaw	Yes

## TBDAC - Forestry Subcommittee Report & Vote

5. Encourage landscaping practices that reduce the presence of ticks and white-footed mice on private property (removal of barberry, use of wood chips, etc.).

Advantages:

- Addresses the problem where most infections occur.
- Protects children in their own yards.
- Places responsibility on the personal level.

Disadvantages:

- Ongoing maintenance.

Alexander	Yes
Blanchard	Yes
Chaudhary	Yes
Delia	Yes
Gaudet-Wilson	Yes
Grossman	Yes
Harrison	Yes
Licht	Yes
McLeod	Yes
Miller	Yes
Shaw	Yes

6. Build one or two deer exclosures for demonstration/education purposes. Maybe AI's Trail and Orchard Hill Nature Center.

Advantages:

- Visually effective for education purposes.
- Can be used to save a source of endangered seedlings and seeds, as a seed bank for future restoration projects as has been done in NJ (Emile DeVito).

Disadvantages:

- Shows what happens when you have 0 deer.
- Small scale may not apply to landscape scale.
- Cost to install and time to see the difference (5-6 years or so).

Alexander	No
Blanchard	Yes
Chaudhary	Yes
Delia	Yes
Gaudet-Wilson	No
Grossman	No
Harrison	Yes
Licht	Yes
McLeod	No
Miller	Yes
Shaw	Yes

## TBDAC - Forestry Subcommittee Report & Vote

7. Encourage predators of mice by developing a program for building and distributing owl boxes – a possible Scout project.

Advantages:

- Uses a natural control technique.
- Conservation Commission is already obtaining 6 boxes.

Disadvantages:

- Boxes must be maintained and monitored.
- Results difficult to assess.
- Any mouse reduction would be in areas near boxes only.
- No scientific studies to support this, only anecdotal references.

Alexander	No
Blanchard	Yes
Chaudhary	No
Delia	No
Gaudet-Wilson	No
Grossman	No
Harrison	No
Licht	No
McLeod	No
Miller	Yes
Shaw	No

8. Continue to monitor biological controls of ticks, such as fungi, nematodes, etc. Of particular interest is the fungus *M. anisopliae* Strain 52, marketed as Tick-Ex, which is expected to be commercially available in 2011.

Advantages:

- Biologic controls are natural (non-chemical).

Disadvantages:

- Not available at present.

Alexander	Yes
Blanchard	Yes
Chaudhary	Yes
Delia	Yes
Gaudet-Wilson	Yes
Grossman	Yes
Harrison	Yes
Licht	Yes
McLeod	Yes
Miller	No
Shaw	Yes

## TBDAC - Forestry Subcommittee Report & Vote

9. Reduce deer herd to average density of 18 to 20 deer per square mile.

Advantages:

- In time seedlings and saplings will begin to regenerate forested areas.
- Increase in biodiversity including shrubs, bird species, etc.

Disadvantages:

- Difficult to get down to this level due to access constraints.
- Reduction would be a long-term, sustained effort.

Alexander	No
Blanchard	Yes
Chaudhary	Yes
Delia	Yes
Gaudet-Wilson	No
Grossman	Yes
Harrison	Yes
Licht	No
McLeod	No
Miller	Yes
Shaw	Yes

10. Lobby the state of Connecticut to ban the use of lead in hunting ammunition.

Advantages:

- Removes lead from the meat of game animals.
- Removes lead from forest and water bodies.
- Such bullets are already commercially available.

Disadvantages:

- Years to accomplish this.

Alexander	No
Blanchard	Yes
Chaudhary	Yes
Delia	Yes
Gaudet-Wilson	Yes
Grossman	Yes
Harrison	Yes
Licht	Yes
McLeod	Yes
Miller	Yes
Shaw	Yes

## TBDAC - Deer/TBD Relationship Subcommittee Report & Vote

Mr. Alexander	Voted at 8/04/10 meeting
Mr. Blanchard	Voted at 8/04/10 meeting
Dr. Chaudhary	Voted at 8/04/10 meeting
Mr. Delia	Voted at 8/04/10 meeting
Dr. Grossman	Submitted Absentee Vote
Ms. Harrison	Voted at 8/04/10 meeting
Dr. Licht	Voted at 8/04/10 meeting
Dr. McLeod	Voted at 8/04/10 meeting
Mr. Miller	Voted at 8/04/10 meeting
Ms. Gaudet-Wilson	Voted at 8/04/10 meeting
Ms. Shaw	Voted at 8/04/10 meeting

- 1) Newtown should include a deer population reduction program as an element of its Tick Borne Disease Management Plan.

Mr. Alexander	No
Mr. Blanchard	Yes
Dr. Chaudhary	Yes
Mr. Delia	Yes
Dr. Grossman	Yes
Ms. Harrison	Yes
Dr. Licht	No
Dr. McLeod	No
Mr. Miller	Yes
Ms. Gaudet-Wilson	No
Ms. Shaw	Yes

- 1a) Newtown should pursue non-lethal deer reduction measures by seeking to participate in Dr. Rutberg's deer contraception study.

Mr. Alexander	Yes
Mr. Blanchard	No
Dr. Chaudhary	Yes
Mr. Delia	No
Dr. Grossman	No
Ms. Harrison	No
Dr. Licht	Yes
Dr. McLeod	Yes
Mr. Miller	No
Ms. Gaudet-Wilson	Yes
Ms. Shaw	No

## TBDAC - Deer/TBD Relationship Subcommittee Report & Vote

- 1b) Newtown should take measures to promote recreational hunting. Newtown should inform the public of the regulations regarding hunting on private property in an effort to promote such activity.

Mr. Alexander	No
Mr. Blanchard	Yes
Dr. Chaudhary	No
Mr. Delia	Yes
Dr. Grossman	Yes
Ms. Harrison	Yes
Dr. Licht	No
Dr. McLeod	No
Mr. Miller	Yes
Ms. Gaudet-Wilson	No
Ms. Shaw	Yes

- 1c) Newtown should implement controlled-hunts on town-owned property (where not prohibited by deed or transfer agreement).

Mr. Alexander	No
Mr. Blanchard	Yes
Dr. Chaudhary	Yes
Mr. Delia	Yes
Dr. Grossman	Yes
Ms. Harrison	Yes
Dr. Licht	No
Dr. McLeod	No
Mr. Miller	Yes
Ms. Gaudet-Wilson	No
Ms. Shaw	Yes

- 1d) Newtown should encourage and organize controlled-hunts on private property.

Mr. Alexander	No
Mr. Blanchard	Yes
Dr. Chaudhary	Yes
Mr. Delia	Yes
Dr. Grossman	Yes
Ms. Harrison	Yes
Dr. Licht	No
Dr. McLeod	No
Mr. Miller	Yes
Ms. Gaudet-Wilson	No
Ms. Shaw	Yes

## TBDAC - Deer/TBD Relationship Subcommittee Report & Vote

1e) Newtown should hire professional “sharpshooters.”

Mr. Alexander	No
Mr. Blanchard	Yes
Dr. Chaudhary	Yes
Mr. Delia	Yes
Dr. Grossman	Yes
Ms. Harrison	Yes
Dr. Licht	No
Dr. McLeod	No
Mr. Miller	Yes
Ms. Gaudet-Wilson	No
Ms. Shaw	Yes

1f) Newtown should accept the DEP’s offer to work with the Town to develop, coordinate and implement a deer management plan.

Mr. Alexander	Yes
Mr. Blanchard	Yes
Dr. Chaudhary	Yes
Mr. Delia	Yes
Dr. Grossman	Yes
Ms. Harrison	Yes
Dr. Licht	Yes
Dr. McLeod	Yes
Mr. Miller	Yes
Ms. Gaudet-Wilson	Yes
Ms. Shaw	Yes

2) Newtown should include 4-Posters as an element of its Tick-Borne Disease Management Plan.

Mr. Alexander	Yes
Mr. Blanchard	Yes
Dr. Chaudhary	Yes
Mr. Delia	Yes
Dr. Grossman	Yes
Ms. Harrison	Yes
Dr. Licht	Yes
Dr. McLeod	Yes
Mr. Miller	Yes
Ms. Gaudet-Wilson	Yes
Ms. Shaw	Yes



## TBDAC - Deer/TBD Relationship Subcommittee Report & Vote

- 2a) Newtown should adopt 4-Posters on a trial basis with a limited initial deployment focused on suitable sites in high-risk areas (i.e., sites in active recreational use in which high deer/tick densities are known or suspected). Based on Newtown's experience with this trial deployment, perceived need, funding and permitting issues, Newtown should revisit 3-5 years from implementation of this trial deployment whether a broader deployment may be appropriate.

Mr. Alexander	Yes
Mr. Blanchard	No
Dr. Chaudhary	Yes
Mr. Delia	Yes
Dr. Grossman	Yes
Ms. Harrison	Yes
Dr. Licht	Yes
Dr. McLeod	Yes
Mr. Miller	Yes
Ms. Gaudet-Wilson	Yes
Ms. Shaw	Yes

- 2b) Newtown should implement a town-wide 4-Poster deployment at the earliest possible time (subject only to site availability limitations and similar unavoidable constraints).

Mr. Alexander	No
Mr. Blanchard	No
Dr. Chaudhary	No
Mr. Delia	No
Dr. Grossman	No
Ms. Harrison	No
Dr. Licht	No
Dr. McLeod	Yes
Mr. Miller	No
Ms. Gaudet-Wilson	No
Ms. Shaw	No

- 2c) Newtown should defer 4-Poster implementation for 3-5 years in order to evaluate need after other aspects of Newtown's Tick-Borne Disease Management Plan have been introduced and evaluated.

Mr. Alexander	No
Mr. Blanchard	Yes
Dr. Chaudhary	No
Mr. Delia	No
Dr. Grossman	No
Ms. Harrison	Yes
Dr. Licht	No
Dr. McLeod	No
Mr. Miller	Yes
Ms. Gaudet-Wilson	No
Ms. Shaw	Yes

## TBDAC - Deer/TBD Relationship Subcommittee Report & Vote

- 3) Newtown should commission a professional, scientific survey to evaluate the attitude of Newtown residents toward the deer population, costs associated with various TBD mitigation options and other purposes.

Mr. Alexander	No
Mr. Blanchard	Yes
Dr. Chaudhary	Yes
Mr. Delia	Yes
Dr. Grossman	Yes
Ms. Harrison	Yes
Dr. Licht	Yes
Dr. McLeod	No
Mr. Miller	Yes
Ms. Gaudet-Wilson	No
Ms. Shaw	Yes