

Alloway Township EC information

*Meets at 49 S. Greenwich Street,
Alloway Township Municipal
Hall, Alloway NJ 08001 on sec-
ond Monday of month. A sched-
ule of meeting times, minutes,
members is on Alloway Township
website, [www. allowaytown-
ship.com](http://www.allowaytown-
ship.com). Our general responsi-
bilities are to advise Township
Planning Board and inform/
educate citizenry in environmen-
tal matters. All visitors welcome.
We start @ 7:30pm.*



*Galerucella sp. being released in 2011 at Alloway
Lake protected wetlands after manually removing
Lythrum Salicaria to less than 5% in 2011. Beetle
larvae/adults feed on plant. Photo: Marilyn Patterson*



Trifold funded by ANJEC's Sandy Batty
2015 Open Space Stewardship Grant. Please
read/recycle, repurpose and retain ideas!

ANJEC is Association of NJ
Environmental Commissions. www.anjec.org
PHONE 973 539-7547. Mendham, NJ 07945

Alloway
Township
Environmental
Commission
www.allowaytownship.com

Mayor P. Ed McKelvey
Deputy Mayor Myrle Patrick
Committeewoman Beth Reilly
Alloway Township Committee 2015



The ATEC functions to help township
officials in protecting, developing or
using natural resources located
within the township limits. We
interact with the local Planning
Board.

Tel: 856 935 4080,
fax 856 935 2993

Wetland Invasive Mitigation Success

Invasives: what are they? Current Interpretations

As per [Executive Order 13112](#) an "invasive species" is defined as a species that is:

1. non-native (or alien) to the ecosystem under consideration and
2. whose introduction causes or is likely to cause economic or environmental harm or harm to human health.



Dispersal of purple loosestrife beetle into protected wetlands.
Photo : Marilyn Patterson

Some Characteristics of invasives are:

- Reproduce rapidly by shoots/rhizomes
- Mature quickly, fast dispersal
- Colonize newly disturbed areas
- Can be animals as well, hitch-hiking e.g.
- Adaptable to many different conditions, for example some aquatic species tolerate salt water, and fresh.

After the Dam that impounds Alloway Lake was replaced, it was important to monitor the surrounding wetlands to protect both the public investment in the dam and the natural habitat around it.

A lot of Phragmites, purple loosestrife, and cattail was manually removed in summer 2011 under Rutgers direction with volunteers assisting.

With Alloway Lake now open to the Public, the Public will be able to fish, kayak, and enjoy our open space on land and lake. With the introduction of *Galerucella sp.*, a beetle that consumes Purple Loosestrife, our wetlands will be protected from this very pretty August bloomer. Allowing diversity of emergent and woody plants, enhancing amphibian, bird, human visits as well as resident wildlife that need plant food source to survive, stewarding open spaces is ATEC 's priority.

Water Bodies in New Jersey are battling water chestnut. At this time, our Lake appears to be OK, but vigilance is required. If you have questions regarding what constitutes an invasive species, as new threats are being noted more frequently in our mobile society, visit New Jersey Invasive Strike Force Team, @ www.njisst.org. where you can download mobile app to "map them and zap them". Tell your local Environmental Commission! Be on the LOOKOUT!



Northern Snakehead live in NJ. Fish can travel on land or water. Threatening our bass, as matures faster than local bass.

Some species of Concern for Salem, Gloucester and Cumberland Counties, Southern New Jersey are listed below.

Please report sightings to local authorities, Fish & Wildlife, NJDEP. Thanks!

Plants

Purple Loosestrife, *Lythrum salicaria*

Japanese stiltgrass, *Microstegium v.*

Kudzu

Insects: Emerald Ash Borer

Aquatic Species

Big headed carp, *Hypophthalmichthys n.*

Northern Snakehead, *Channa sp.*

Water Thyme, *Hydrilla verticillata*

Water Chestnut

Mammalian Species

Feral Cat, *Felix domesticus*

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