

Weed Identification



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Online Information Sources for Plant Identification

<http://plants.usda.gov/>

National Plants Database: USDA, NRCS. Species photos and keys to taxonomic groups

<http://www.ct.nrcs.usda.gov/invas-factsheets.html>

Connecticut NRCS

<http://tncweeds.ucdavis.edu/esadocs.html>

The Nature Conservancy

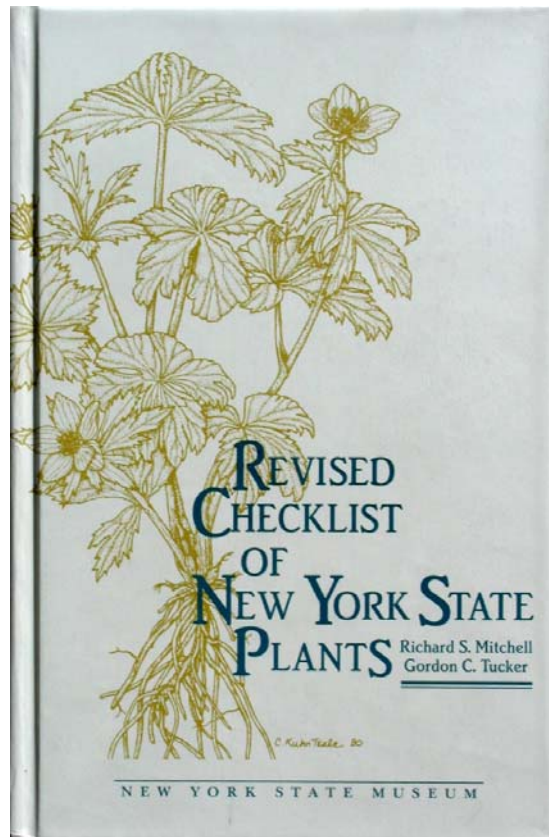
<http://www.bbg.org/sci/nymf/key/index.html>

Brooklyn Botanic Garden: key to woody plants

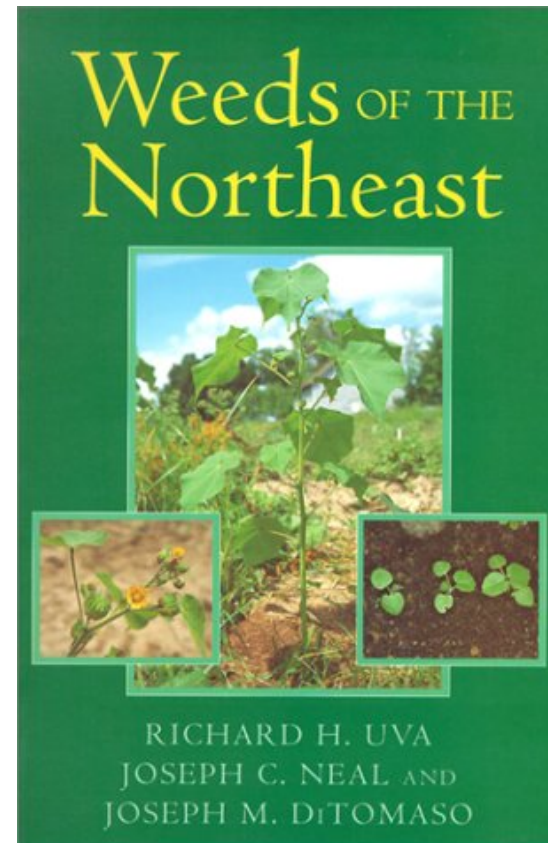
[http://www.state.ma.us/dem/programs/lakepond/](http://www.state.ma.us/dem/programs/lakepond/aquatic_species.pdf)

[aquatic_species.pdf](http://www.state.ma.us/dem/programs/lakepond/aquatic_species.pdf) Download aquatic species guide

(See handout, page 3 of complete weed list)



Mitchell, R. S. and G. C. Tucker.
1997. Revised Checklist of New
York State Plants. Bulletin 490.
The University of the State of New
York. The State Education
Department. Albany, NY 12230
[http://www.nysm.nysed.gov/
publications/biopub.html](http://www.nysm.nysed.gov/publications/biopub.html)



Uva, R., J. C. Neal and D. J. M.
DiTomaso. 1997. Weeds of the
Northeast. Comstock Publishing
Assoc., a division of Cornell
University Press, Ithaca N.Y.
(includes native species)

See handout, reference list

‡ **Lepidium nitidum* Nutt. PEPPERGRASS

**Lepidium ramosissimum* Nels. BUSHY PEPPERGRASS

**Lepidium ruderae* L. STINKING PEPPERGRASS, ROADSIDE PEPPERGRASS

**Lepidium sativum* L. GARDEN PEPPERGRASS, GOLDEN PEPPERGRASS

Lepidium virginicum L. WILD PEPPERGRASS, POOR-MAN'S-PEPPER

Lobularia Desv.

Synonyms: *Clypeola* L. in part; *Koniga* Adans.

**Lobularia maritima* (L.) Desv. SWEET ALYSSUM, SEASIDE ALYSSUM
[*Clypeola maritima* L.; *Koniga maritima* (L.) R. Br. ex Denh. & Clapp]

Lunaria L.

**Lunaria annua* L. MONEY-PLANT, HONESTY, SATIN-FLOWER

Mitchell & Tucker: * indicates
species not native to New York

Black Swallow-wort

Cynanchum louiseae (CYLO)



- Herbaceous perennial vine in milkweed family, 2-6 feet long.
- Leaves glossy & opposite; flowers small with 5 fleshy pink to purple petals; narrow pods split open to release seeds with tuft of downy white hairs.
- Grows in old fields, woodlands, open disturbed areas.



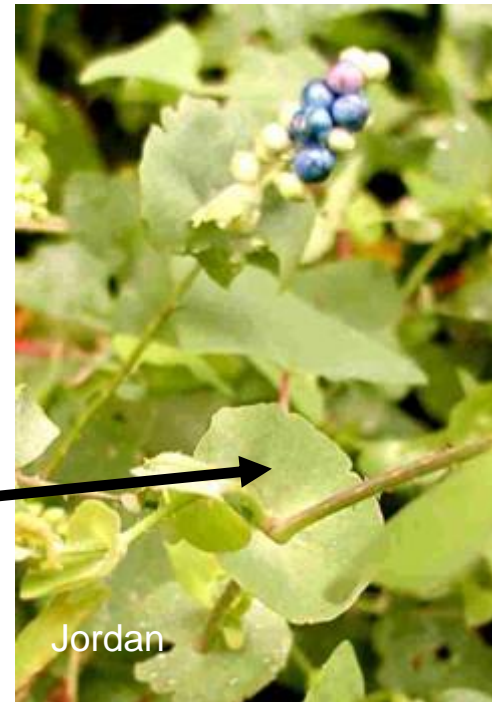
Mile-A-Minute Weed / Vine

Polygonum perfoliatum (POPE)

Habit



- Annual vine with prickles along stem.
- Leaves triangular, alternate, 1-3 inches wide.
- Distinctive circular leafy structures, called ocreas, surround stem.
- Extremely rapid growth covers other plants.



Fruit

Ocrea



Leaves



Giant hogweed/ Cow parsnip

Heracleum mantegazzianum (HEMA)



Jordan



Leaf



Umbel inflorescence

♂ Herbaceous biennial or perennial up to 15 feet tall.

♂ Leaves deeply lobed

♂ Stem purple-blotched

♂ Rays of the umbel flower head 50-150.

♂ Poisonous - causes painful blisters on human skin, UV sensitivity, and blindness.

Japanese stilt grass

Microstegium vimineum



- ❖ Prostrate annual grass, roots at the nodes
- ❖ Nodes glabrous (smooth)
- ❖ Light green leaves with a silvery line down the center
- ❖ Flowers in mid-September
- ❖ Inflorescence a terminal, thick-branched panicle
- ❖ Lemma awned or awnless



Water chestnut

Trapa natans (TRNA)

- ♂ aquatic annual that grows as a rooted, floating plant
- ♂ floating leaves are arranged in a rosette
- ♂ thorny black nutlets with terminal barbs
- ♂ inconspicuous white flowers in the center of the rosette
- ♂ forms surface mats- which causes competition for nutrients and space



Leaves



Rosettes