

PlantAmnesty

is a non-profit organization dedicated to promoting better pruning and gardening.

For more information contact us by mail, e-mail, or phone and ask for order blanks to be sent.

Topics include:

- Tree care
- How to plant a tree
- Repairing mal-pruned trees or shrubs
- Other pruning

PlantAmnesty

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PlantAmnesty's Guide to Pruning



Northeastern U.S.

*Cold Hardiness
Zones 3 — 7*

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PRUNING GUIDE

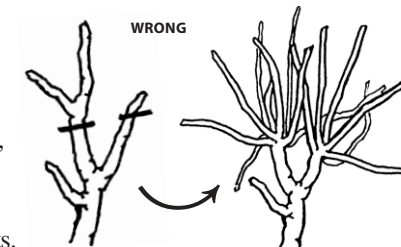
Northeastern U.S.

DON'T: Trees should never, ever be topped. And shrubs should rarely be sheared (except real topiary and formal hedges). Stripping all of the side branches off of a mature pine or any other tree or shrub, is also a no-no. Stripping is not to be confused with selective thinning, which can also make shrubs and trees look open and airy.

DO: Prune to enhance a plant's natural beauty; to make it seem less oppressive, tidier, cleaner; to reduce size somewhat, depending on the type of plant. Selective pruning will reduce the bulk of the plant and taking off a few lower limbs is okay.

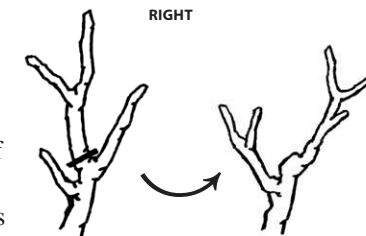
How: The two types of pruning cuts are *thinning* and *heading*. A **heading cut** is basically cutting off the tip or end of a branch, twig, or stem. Heading creates bushiness. The next spring growth is stimulated at the tips of cut branches. Shearing, topping and pinching hedges are heading cuts. Good for hedges and chrysanthemums. Not too good for most shrubs and trees.

A **thinning cut** removes the branch back to another branch, trunk, stem, or to the ground. Most pruning consists of thinning cuts. It forces new growth in existing branches and spreads new growth more evenly throughout the plant. Thinning cuts will let light into the interior, allowing for green branches to cut to if you choose to reduce the size of your shrub. It stays "done" longer and looks natural.



HEADING CUTS

Cutting back of the tip



THINNING CUTS

Cut back to a branch, stem or to the ground

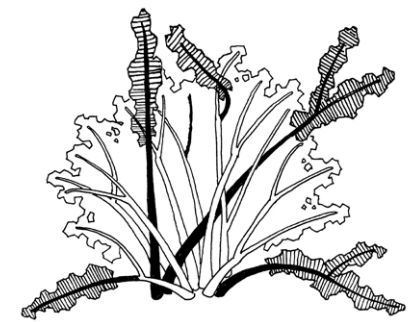
• PRUNING BY HABIT

Prune to enhance the plant's natural shape or "habit". Plants have one of three basic habits.

I. CANE GROWERS

Plants that renew themselves by sending up new branches called canes from the base. These are very tough plants—you can hardly hurt them.

- Stare at your shrub.
- Take out all **dead wood**. Always do this first.
- Take out some (1/3 to 1/8) of the biggest and oldest, as well as a few of the puniest canes, to the base. Do this every year to keep the size controlled.
- Pick out a few of the worst canes that **rub** or **cross** each other, that look sick or go the **wrong way** (that is, start at the outside, head back through the center and out the other side), and **ugly** branches (usually too straight).
- Generally prune to **open up the center**.
- **Tidy up** the top with thinning cuts. Cut back anything hanging on the ground and cut to a larger stem or the ground.
- Prune with vigor!



CANE GROWERS—Take out canes at base

THE BUDGET—A third of the foliage can be removed and size reduced by about one quarter

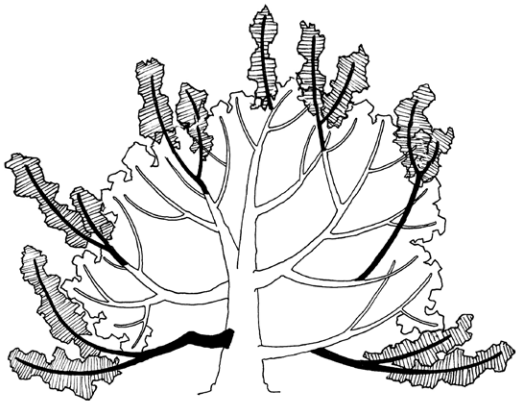
II. MOUNDS

Look like mounds and are medium-tough plants, often found in mass plantings. They have small leaves or supple branches. You usually just want to tidy them up or reduce their size. People like to shear these—don't you! These are easiest to make and keep smaller.

Locate the longest, most unruly branch. Grab the tip with your left hand. Follow the branch **down into the interior** of the plant with your right-hand pruners, and snip it off two inches to one foot below the general surface level of your shrub. Cut to a side branch or stem, if possible.

Don't look for the next *closest* branch that's too long, but the **next worst too long**, too unruly branch in the area and cut it back. Do this all over your shrub until it looks miraculously tidy and shorter, but natural.

These shrubs often benefit from taking out some of the old stems/canes to their base. This opens up and renews the shrub. Any dead wood or weeds should also be removed.



MOUNDS—cut unruly branches off inside plant

THE BUDGET—A third of the foliage can be removed and size reduced by about one quarter

III. TREE-LIKES

Best let to get big. Not to be pruned heavy-handedly. Good selective pruning can open them up and make them look less oppressive, can train branches around gutters and off of houses, and can bring more beauty out of your plant. These shrubs are the hardest to do. Never remove more than 1/8 total leaf surface in one year. It stresses them or it can cause a watersprout-rebound effect—ick! Tree-likes have stiffish branches that divide many times.

- Most tree-likes just need to have all of the **dead wood** taken out.

If you still want to do more:

- Take out true **suckers** (straight-up, skinny branches from the base and trunk of the shrub or tree).

- Take out any big **crossing, rubbing branches** and **double leaders** (two main top branches with a narrow branch-crotch angle) on trees, if it stays within the pruning budget.

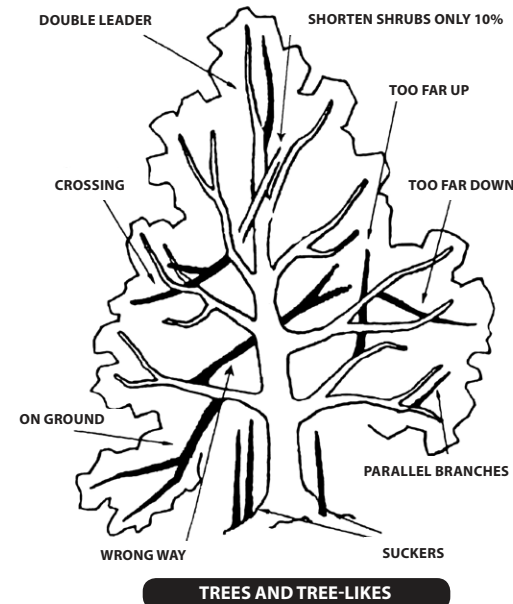
- Take back or remove any branches **hanging on the ground**, if only up 1/2". Other lower branches can be removed.

- Take out the worst of the smaller crossing, rubbing branches—choosing the healthiest and best-placed branch to remain.

- Prune to shorten or completely remove the worst **wrong-way branches** that start from the outside of the shrub, and go the wrong way back into the center and out the other side.

- Sometimes a side branch has a smaller branch that heads **too far up** into the next "layer", or goes **too far down**. You can cut some of these off to add more definition to your shrub's branches.

- If you have two **parallel branches** rather close together, it may look better to remove one. If you, have three parallel branches you may want to remove the center one. This will make things look nicer.



TREES AND TREE-LIKES

THE BUDGET—90% thinning cuts—no size reduction—1/8 to 1/16 foliage removed...Go easy!

- Before you finish, stand back and observe. If necessary, you may **sparingly** shorten some branches on tree-like shrubs (not trees). Cut back to a side branch.

• HINTS & TIPS

On many shrubs and trees, especially tree-likes, you want to fix things slowly over three-to-five years. Do some now, come back next year.

"Wander, ponder; and prune," the old saying goes. Pruners always stare at their shrubs, trying to locate unwanted branches, imagining their shrubs without this or that branch, seeing how it will grow next year—seeing what needs to be done. Much like a haircut, it's easy to take it off, hard to put back on. Know when to quit.

If a plant is really too big, you may want to move it, remove it (go ahead, be ruthless!) or renovate it (not dealt with here). But try real selective pruning first!

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HELPFUL LISTS

MOUNDS (GRAB & SNIP)

Barberries (some canes)	Honeysuckle
Boxwood	Japanese Holly
Burning bush (or as a tree-like)	Quince (also cane-like)
Holly	Snowberry
	Spiraea (also cane-like)

CANE GROWERS (CUT CANES TO THE GROUND)

Alpine currant	Ninebark
Buddleia	Oregon Grape
Chokeberry	Red-twig dogwood
Deutzia	Roses
Forsythia	Sandcherry (also tree-like)
Kerria	Weigela
Mock orange (or as a tree-like)	Winterberry

TREE-LIKES (THIN-OUT, MANY SMALL CUTS)

Deciduous Azaleas	Spindletree
Elderberry	Viburnums:
Enkianthus	Leatherleaf
Kalmia	Double-file
Lilac	Highbush Cranberry
Pieris (Andromeda)	Winter
Rhododendrons	Snowball

Water sprouts easily, therefore thin lightly

Cherry	Filbert (Hazelnut)
Cotoneaster	Magnolia
Crabapple	Plum
Dogwood	Witch hazel

Takes heavy thinning or arborizing

Amur Maple	Russian Olive
Pine	

Tough Tree-Likes (Can be headed into hedges or let go natural)

Boxwood	Yew
Privet	