

INVASIVE SPECIES OF PLANTS

currently associated with the greatest harm to native biodiversity in Pennsylvania

COMMON NAME	SCIENTIFIC NAME	DESCRIPTION	RECOMMENDED CONTROL TECHNIQUES BEFORE REPLACEMENT PLANTING
ailanthus; tree-of-heaven	<i>Ailanthus altissima</i>	tree	physical removal (small seedlings); herbicide bark; avoid cutting, which stimulates prolific root suckering
akebia, five-leaf	<i>Akebia quinata</i>	woody vine or creeping shrub	physical removal; herbicide bark or cut stem
angelica-tree, Japanese	<i>Aralia elata</i>	tree	physical removal (small seedlings); herbicide bark or cut stem
autumn-olive and Russian-olive	<i>Elaeagnus umbellata</i> ; <i>E. augustifolia</i>	shrub	physical removal; herbicide bark or cut stem
bamboo, garden	<i>Pseudosasa japonica</i>	upright shrub	mowing; herbicide young foliage
barberry, European and Japanese	<i>Berberis thunbergia</i> ; <i>B. vulgaris</i>	shrub	physical removal; herbicide cut stem
bittersweet, Oriental	<i>Celastrus orbiculatus</i>	woody vine	cutting; herbicide bark or cut stem
black and pale swallow-wort	<i>Cynanchum louiseae</i> ; <i>C. rossicum</i>	vine	herbicide foliage
buckthorn, common and glossy	<i>Rhamnus cathartica</i> ; <i>Frangula alnus</i>	shrub or small tree	physical removal (small seedlings); herbicide bark or cut stem
burning-bush	<i>Euonymus alatus</i>	shrub	physical removal; herbicide cut stem
Callery or Bradford pear	<i>Pyrus calleryana</i>	tree	physical removal (small seedlings); herbicide bark or cut stem
celandine, lesser	<i>Ficaria verna</i>	perennial spring-ephemeral herb	physical removal (small areas); herbicide foliage
cherry, bird	<i>Prunus avium</i>	tree	physical removal (small seedlings); herbicide cut stem
Chinese silvergrass	<i>Miscanthus sinensis</i>	perennial herb aggressively spreading in open areas	physical removal; herbicide foliage
corktree, Amur	<i>Phellodendron amurense</i>	tree	physical removal (small seedlings); herbicide cut stem
crownvetch	<i>Securigera varia</i>	perennial herb aggressively spreading in open areas	mowing; herbicide foliage
garlic mustard	<i>Alliaria petiolata</i>	biennial herb	physical removal
gill-over-the-ground	<i>Glechoma hederacea</i>	perennial herb aggressively spreading in forest areas	mowing; herbicide foliage
goutweed	<i>Aegopodium podagraria</i>	perennial herb	mowing; herbicide foliage
honeysuckle, Amur, Morrow's, and Tartarian	<i>Lonicera maackii</i> ; <i>L.</i> <i>morrowii</i> ; <i>L. tatarica</i>	shrub	physical removal; herbicide bark or cut stem
honeysuckle, Japanese	<i>Lonicera japonica</i>	creeping shrub or woody vine	physical removal; herbicide foliage
hops, Japanese	<i>Humulus japonicus</i>	annual herb aggressively spreading in open areas, particularly on floodplains	mowing; herbicide foliage; pre- emergence herbicide
jetbead	<i>Rhodotypos scandens</i>	upright shrub	physical removal; herbicide bark or cut stem

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ivy, English	<i>Hedera helix</i>	prostrate or climbing woody vine	physical removal; herbiciding foliage or cut stem
knotweed, Japanese and giant	<i>Reynoutria japonica</i> ; <i>R. sachalinensis</i>	very large Eurasian perennial herb	Cutting stems in mid-June and removing cut material from site, then herbiciding new sprouts in late summer
kudzu	<i>Pueraria montana</i>	prostrate or climbing vine	physical removal; herbiciding foliage or cut stem
loosestrife, purple	<i>Lythrum salicaria</i>	perennial herb aggressively spreading in wet open areas	herbiciding foliage
maple, Norway	<i>Acer platanoides</i>	tree	physical removal (small seedlings); herbiciding bark or cut stem
mile-a-minute	<i>Persicaria perfoliata</i>	annual herb aggressively spreading in open areas	physical removal; herbiciding foliage; pre-emergence herbiciding
mugwort, common	<i>Artemisia vulgaris</i>	perennial herb aggressively spreading in open areas	physical removal; herbiciding foliage
multiflora rose	<i>Rosa multiflora</i>	upright or often climbing shrub	physical removal; herbiciding bark or cut stem
periwinkle, common	<i>Vinca minor</i>	creeping shrub	physical removal; herbiciding foliage
phragmites; common reed	<i>Phragmites australis</i>	very large perennial herb	physical removal; herbiciding foliage
porcelainberry	<i>Ampelopsis glandulosa</i>	woody vine	cutting; herbiciding foliage, bark, or cut stem
privet, border and common	<i>Ligustrum obtusifolium</i> ; <i>L. vulgare</i>	shrub	physical removal; herbiciding bark or cut stem
reed canary grass	<i>Phalaris arundinacea</i>	perennial herb aggressively spreading in open areas	herbiciding foliage
spurge, Japanese	<i>Pachysandra terminalis</i>	creeping shrub	physical removal; herbiciding foliage
stiltgrass, Japanese	<i>Microstegium vimineum</i>	annual herb aggressively spreading in forest areas	physical removal; herbiciding foliage before late summer seed drop; pre-emergence herbiciding
strawberry, Indian	<i>Potentilla indica</i>	perennial herb aggressively spreading in forest areas	physical removal
thistle, creeping ("Canada" thistle)	<i>Cirsium arvense</i>	perennial herb aggressively spreading in open areas	physical removal; herbiciding foliage
viburnum, doublefile, linden, and Siebold	<i>Viburnum plicatum</i> ; <i>V. dilatatum</i> ; <i>V. sieboldii</i>	upright shrub	physical removal; herbiciding bark or cut stem
wineberry	<i>Rubus phoenicolasius</i>	shrub	physical removal; herbiciding cut stem
wisteria, Chinese and Japanese	<i>Wisteria sinensis</i> ; <i>W. floribunda</i>	woody vine	herbiciding bark or cut stem