

LIST OF EXOTIC, INVASIVE PLANTS IN THE MURRYSVILLE AREA.

It is recommended not to plant these species, because of their ability to spread into the Murrysville natural areas, where they displace native vegetation. Plants followed by *** are known to be problematic in Murrysville; Plants followed by ** are known to be problematic in other parts of Pennsylvania and may become problematic in Murrysville. Plants followed by * have escaped from cultivation in Pennsylvania, or are on invasive plant lists in states that have planting conditions similar to Pennsylvania.

TREES:

- NORWAY MAPLE [*Acer platanoides*] ***
- AUTUMN OLIVE [*Elaeagnus umbellata*] ***
- TREE-OF- HEAVEN [*Ailanthus altissima*] ***
- CALLERY PEAR [*Pyrus calleryana*], 'Bradford' and related cultivars. **
- SYCAMORE MAPLE [*Acer pseudoplatanus*] **
- EMPRESS TREE [*Paulownia tomentosa*] **
- SCOTCH PINE, SCOTS PINE [*Pinus sylvestris*] **
- BIRDCHERRY [*Prunus avium*] **
- AMUR CORKTREE [*Phellodendron*] **
- RUSSIAN OLIVE [*Elaeagnus angustifolia*] **
- BLACK ALDER, EUROPEAN ALDER [*Alnus glutinosa*] **
- SIBERIAN ELM [*Ulmus pumila*] **
- WHITE POPLAR [*Populus alba*] **
- WHITE MULBERRY [*Morus alba*] **
- PAPER MULBERRY [*Broussonetia papyrifera*] **
- HORSE CHESTNUT [*Aesculus hippocastanum*] **
- CHINESE CATALPA [*Catalpa ovata*] **
- ROSE OF SHARON ALTHAEA [*Hibiscus syriacus*] ** [Triploids 'Minerva' and 'Aphrodite' may be sterile]
- NORWAY SPRUCE [*Picea abies*] *
- CATALPA [*Catalpa sp.*] *
- GOLDEN RAIN TREE [*Koelreuteria paniculata*] *
- GOAT WILLOW [*Salix caprea*] *
- CRACK WILLOW [*Salix fragilis*] *
- BAY WILLOW [*Salix pentandra*] *
- BASKET WILLOW [*Salix purpurea*] *
- FIELD MAPLE, HEDGE MAPLE [*Acer campestre*] *
- AMUR MAPLE [*Acer ginnala*] *

- SAWTOOTH OAK [*Quercus acutissima*] *
- CRABAPPLE [*Malus prunifolia*, *Malus sylvestris*] *
- JAPANESE CRABAPPLE [*Malus floribunda*] *
- SIBERIAN CRABAPPLE [*Malus baccata*] *
- CHINESE ELM [*Ulmus parvifolia*] *
- PEATREE, SIBERIAN PEASHRUB [*Caragana aborescens*] *
- ENGLISH HAWTHORNE, SINGLESEED HAWTHORNE [*Crataegus monogyna*] *

SHRUBS:

- TARTARIAN HONEYSUCKLE [*Lonicera tatarica*] ***
- MORROW'S HONEYSUCKLE [*Lonicera morrowii*] ***
- MULTIFLORA ROSE [*Rosa multiflora*] ***
- JAPANESE BARBERRY [*Berberis thunbergii*], all cultivars **
- EUROPEAN BARBERRY [*Berberis vulgaris*], all cultivars **
- WINGED EUONYMUS [*Euonymus alatus*] **
- BORDER PRIVET [*Ligustrum obtusifolium*] **
- COMMON PRIVET [*Ligustrum vulgare*] **
- CALIFORNIA PRIVET [*Ligustrum ovalifolium*] *
- CHINESE PRIVET [*Ligustrum sinense*] *
- AMUR PRIVET [*Ligustrum amurense*] *
- COMMON BUCKTHORN [*Rhamnus cathartica*] **
- GLOSSY BUCKTHORN [*Frangula alnus* (= *Rhamnus frangula*)] ** [Including cultivar 'Fernleaved Buckthorn']
- BLACK JETBEAD [*Rhodotypos scandens*] **
- DEUTZIA [*Deutzia scabra*] **
- BUTTERFLY BUSH [*Buddleja davidii*] **
- DEVIL'S WALKINGSTICK, YELLOW VARIEGATED [*Aralia elata*] 'Aureo Variegata' **
- DEVIL'S WALKINGSTICK, VARIEGATED [*Aralia elata*] 'Variegata' **
- WAYFARING VIBURNUM [*Viburnum lantana*] **
- SIEBOLD VIBURNUM [*Viburnum sieboldii*] **
- EUROPEAN CRANBERRYBUSH VIBURNUM [*Viburnum opulus*] *
- GUELDER ROSE, EUROPEAN SNOWBALL [*Viburnum opulus* var. *opulus*] **, cultivar of European Cranberrybush.
- JAPANESE SNOWBALL [*Viburnum plicatum*] *
- LINDEN VIBURNUM [*Viburnum dilatatum*] *
- AMUR HONEYSUCKLE [*Lonicera maackii*] **
- STANDISH HONEYSUCKLE [*Lonicera standishii*] **
- BELL'S HONEYSUCKLE [*Lonicera x bella* or *Lonicera morrowii x tatarica*] *
- EUROPEAN FLY HONEYSUCKLE [*Lonicera xylosteum*] *

- JAPANESE YEW [*Taxus cuspidata*] *
- JAPANESE SPIRAEA [*Spiraea japonica*] **
- BUMALD SPIRAEA [*Spiraea bumalda*], cross between *S. albiflora* and *S. japonica* *
- JAPANESE HOLLY, BOX-LEAVED HOLLY [*Ilex crenata*] *
- ROSE OF SHARON [*Hibiscus syriacus*] *
- EUROPEAN SPINDLETREE [*Euonymus europea*] *
- SIBERIA ENGLISH HOLLY [*Ilex aquifolium*] 'Siberia' *

VINES AND GROUNDCOVERS:

- ORIENTAL BITTERSWEET [*Celastrus orbiculatus*] ***
- KUDZU [*Pueraria lobata*] *** PA noxious weed
- CROWN VETCH [*Coronilla varia*] ***, when planted, seeded and discarded near native plant communities
- JAPANESE HONEYSUCKLE VINE [*Lonicera japonica*] ***
- MILE-A-MINUTE VINE [*Polygonum perfoliatum*] *** PA noxious weed
- ENGLISH IVY [*Hedera helix*] ***, when planted and discarded near native plant communities
- PERIWINKLE, BLUE MYRTLE [*Vinca minor*] **
- FIVELEAF AKEBIA [*Akebia quinata*] **
- GOUTWEED [*Aegopodium podagraria*] **
- PORCELAIN-BERRY [*Ampelopsis brevipedunculata*] * *
- WINEBERRY [*Rubus phoenicolasius*] **
- JAPANESE HOP [*Humulus japonicus*] **
- JAPANESE WISTERIA, [*Wisteria floribunda*] **
- CHINESE WISTERIA [*Wisteria sinensis*] **
- INDIAN STRAWBERRY [*Duchesnea indica*] **
- WINTERCREEPER [*Euonymus fortunei*] *
- COTONEASTER [*Cotoneaster species*] *
- SWEET AUTUMN CLEMATIS, LEATHERLEAF CLEMATIS [*Clematis terniflora*] *
- CREEPING BUGLEWEED [*Ajuga reptans*] *
- PACHYSANDRA [*Pachysandra terminalis*] *

GRASSES AND HERBACEOUS PLANTS (many more plants are invasive, but not listed here)

- JAPANESE KNOTWEED [*Polygonum cuspidatum* (= *Fallopia japonica*)] ***
- GIANT KNOTWEED [*Polygonum sachalinense* (= *Fallopia sachalinensis*)] ***
- JIMSONWEED [*Datura stramonium*] *** PA noxious weed

- SHATTERCANE [*Sorghum bicolor* spp. *drummondii*] *** PA noxious weed
- JOHNSON GRASS [*Sorghum halepense*] *** PA noxious weed
- CANADA THISTLE [*Cirsium arvense*] *** PA noxious weed
- MUSK THISTLE [*Carduus nutans*] *** PA noxious weed
- TALL FESCUE [*Lolium arundinaceum* (= *Festuca elatior*)] ***, when planted near native plant communities.
- NARROW-LEAVED CAT-TAIL [*Typha angustifolia*] **
- HYBRID CAT-TAIL [*Typha x glauca*] **
- DAME'S ROCKET [*Hesperis matronalis*] **
- STAR-OF-BETHLEHEM [*Ornithogalum nutans*] ** [*Ornithogalum umbellatum*] **
- COMMON WORMWOOD [*Artemisia vulgaris*] **
- COMMON BURDOCK [*Arctium minus*] **
- SPOTTED KNAPWEED [*Centaurea biebersteinii* (= *Centaurea maculosa*)] **
- COMMON CHICORY [*Cichorium intybus*] **
- ASIATIC DAYFLOWER [*Commelina communis*] **
- COMMON REED [*Phragmites australis* spp. *australis*] **
- BEEFSTEAK PLANT [*Perilla frutescens*] **
- COMMON DAYLILY, ORANGE [*Hemerocallis fulva*] **, when planted near native plant communities.
- MAIDEN GRASS, ZEBRA GRASS, JAPANESE SILVER GRASS [*Miscanthus sinensis*] **
- PURPLE LOOSESTRIFE [*Lythrum salicaria*, *L. virgatum*] ** and cultivars
- CHEATGRASS [*Bromus tectorum*] **
- REED CANARY GRASS [*Phalaris arundinacea*] **
- GOLDEN BAMBOO, RUNNING BAMBOO [*Phyllostachys aurea*] **
- ARROW BAMBOO [*Pseudosasa japonica*] **
- PAMPAS GRASS [*Cortaderia selloana*] *
- YELLOW FLAG IRIS [*Iris pseudoacorus*] *
- SCOTCH BROOM [*Cytisus scoparius*] *
- COMMON BAMBOO [*Bambusa vulgaris*] *
- FOUNTAIN GRASS [*Pennisetum alopecuroides*] *
- RED BARON BLOOD GRASS [*Imperata cylindrica* 'Red Baron'] *
- TALL OAT GRASS [*Arrhenatherum elatius*] *

There are doubtlessly many plants with invasive potential that are not yet known, and which may represent threats to native plant communities in Murrysville. The safest policy is to only use native species and species that have been in cultivation for many decades without showing invasive tendencies.

Sources for this document, and for further information

PADCNR Brochure "Invasive Plants in Pennsylvania" (8100-pa-dcnr 3077 4/00),
 Website: www.dcnr.state.pa.us/forestry/pndi ,
 and/or from:

The PLANT CONSERVATION ALLIANCE- ALIEN PLANT WORKING GROUP'S
'ALIEN PLANT INVADERS OF NATURAL AREAS'. Website:
www.nps.gov/plants/alien/

The NATURE CONSERVANCY, WILDLAND WEEDS MANAGEMENT AND
RESEARCH PROGRAM: www.tnc.weeds.ucdavis.edu

WESTERN PENNSYLVANIA CONSERVANCY: www.paconserve.org

PENN STATE WEED MANAGEMENT:
<http://www/weeds.cas.psu.edu/invasive%20plants.html>

This information was requested by the Murrysville Environmental Advisory
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