

Allegheny National Forest (ANF) Non-Native Invasive Plant Species of Concern

Version 1.0 for Field Season 2017. February 10, 2017. This list replaces any previous list of invasive plant species of concern for the ANF. This list does not imply any degree of inventory, control, or monitoring of a particular species, nor does it preclude other species from being inventoried, controlled, or monitored. This list will be updated as new information becomes available. Please contact April Moore at 814-363-6069 or amoores02@fs.fed.us for latest list/questions.

Early Detection/Rapid Response Species (EDRR)
Plants not known to occur within the ANF Proclamation Boundary, but are of concern and when found are priority for treatment.

Habit	NRCS* Code	Genus	species	Common name	Comments	Documentation within ANF Boundary Status	On PA Noxious Weed List	Treatment Category by Species	Treatment Category Sites
Grass	SOBI2	<i>Sorghum</i>	<i>bicolor</i>	Shattercane	Documented in PA south of I80.	Early dect.	Yes	1	1-5
Grass	SOHA	<i>Sorghum</i>	<i>halepense</i>	Johnson grass	Clarion county	Early dect.	Yes	1	1-5
Herb	CANU4	<i>Carduus</i>	<i>nutans</i>	Musk thistle	Potential for introduction in limestone surfacing.	Early dect.		1	1-5
Herb	DAST	<i>Datura</i>	<i>stramonium</i>	Jimsonweed	Documented in PA south of I80.	Early dect.	Yes	1	1-5
Herb	EUES	<i>Euphorbia</i>	<i>esula</i>	Leafy spurge	Occurs in SW and SE Pennsylvania	Early dect.		1	1-5
Herb	MYMU	<i>Mycelis</i>	<i>muralis</i>	Wall-lettuce	NY state	Early dect.		1	1-5
Herb	RAFI	<i>Ranunculus</i>	<i>ficaria</i>	Lesser Celandine	Occurs in SW and SE Pennsylvania	Early dect.		1	1-5
Shrub	BUDA2	<i>Buddleja</i>	<i>davidii</i>	Butterfly bush	Common ornamental, potential to escape into natural areas	Early dect.		1	1-5
Tree	ALJU	<i>Albizia</i>	<i>julibrissin</i>	Silktree, Mimosa	Documented in Eastern PA, commonly used in landscaping.	Early dect.		1	1-5
Tree	ELAN	<i>Elaeagnus</i>	<i>angustifolia</i>	Russian olive	Occurs in Ohio	Early dect.		1	1-5
Tree	MEAZ	<i>Melia</i>	<i>azedarach</i>	Chinaberry	Documented in NY, landscape plant.	Early dect.		1	1-5
Tree	PATO2	<i>Paulownia</i>	<i>tomentosa</i>	Empress tree	Occurs in SW and SE Pennsylvania	Early dect.		1	1-5
Tree	PYCA80	<i>Pyrus</i>	<i>calleryana</i>	Bradford Pear	Ornamental tree, commonly planted as a street tree	Early dect.		1	1-5
Tree	ULPU	<i>Ulmus</i>	<i>pumila</i>	Siberian elm	Documented in PA south of I80, landscape plant.	Early dect.		1	1-5
Vine	AMBR7	<i>Ampelopsis</i>	<i>brevipedunculata</i>	Porcelain-berry	Occurs in SW and SE Pennsylvania	Early dect.		1	1-5
Vine	CYLO11	<i>Cynanchum</i>	<i>louiseae</i>	Black swallowwort	NE states	Early dect.		1	1-5
Vine	CYRO8	<i>Cynanchum</i>	<i>rossicum</i>	Pale swallowwort	NE states	Early dect.		1	1-5
Vine	LOJA	<i>Lonicera</i>	<i>japonica</i>	Japanese honeysuckle	Creeping north, very common in Virginia	Early dect.		1	1-5
Vine	POPE10	<i>Polygonum</i>	<i>perfoliatum</i>	Mile-a-minute	Occurs in counties to the east and south of the ANF	Early dect.	Yes	1	1-5
Vine	PUMOL	<i>Pueraria</i>	<i>montana var. lobata</i>	kudzu	Occurs in SW and SE Pennsylvania	Early dect.	Yes	1	1-5

Documented Occurrence Species

Aquatic	MYSP2	<i>Myriophyllum</i>	<i>spicatum</i>	European Water Milfoil	Waterbodies	Yes		3	2,3
Aquatic	POCR3	<i>Potamogeton</i>	<i>crispus</i>	Curly Pond weed	Warren county natural heritage report	Yes		3	2,3
Aquatic	TRNA	<i>Trapa</i>	<i>natans</i>	Water chestnut	Mead Island, Allegheny River	Yes		3	1-5
Grass	MIVI	<i>Microstegium</i>	<i>vimineum</i>	Japanese stiltgrass; Nepalese browntop	Occurs in a utility right-of-way and road corridors	Yes		3	1-5
Grass	PHAR3	<i>Phalaris</i>	<i>arundinacea</i>	Reed canarygrass	Occurs along most stream valleys and some road corridors or openings	Yes		4	2,3
Grass	PHAU7	<i>Phragmites</i>	<i>australis</i>	Common reed	Scattered occurrences along roadsides and openings	Yes		3	1
Herb	AEPO	<i>Aegopodium</i>	<i>podagraria</i>	Goutweed; Bishop's goutweed	Roadsides and openings	Yes		3	1-5
Herb	AJRE	<i>Ajuga</i>	<i>reptans</i>	Bulgle weed	Wet areas, disturbed areas	Yes		4	1,3,4
Herb	ALPE4	<i>Alliaria</i>	<i>petiolata</i>	Garlic mustard	Occurs along most stream valleys and road corridors.	Yes		3	1-5
Herb	ANSY	<i>Anthriscus</i>	<i>sylvestris</i>	Wild chervil	Occurs along stream valleys and road corridors.	Yes		3	1-5
Herb	ARM12	<i>Arctium</i>	<i>minus</i>	Lesser burdock	Scattered occurrences along roadsides and openings	Yes		5	2,3

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Herb	ARVU	<i>Artemisia</i>	<i>vulgaris</i>	common mugwort; common wormwood	Scattered occurrences along roadsides and openings	Yes		4	5-Feb
Herb	CEJA	<i>Centaurea</i>	<i>jacea</i>	Brownray knapweed	Occurs along roadsides often associated with limestone surfacing	Yes		3	1-5
Herb	CENI2	<i>Centaurea</i>	<i>nigra</i>	Black knapweed	Morrison Project Area	Yes		3	1-5
Herb	CESTM	<i>Centaurea</i>	<i>stoebe ssp. micranthos</i>	Spotted knapweed (formerly <i>C. maculosa</i> , <i>C. beibersteinii</i>)	Occurs along roadsides often associated with limestone surfacing	Yes		3	1-5
Herb	CHMA2	<i>Chelidonium</i>	<i>majus</i>	Celandine	Infestation adjacent to former Irvine Estate. Conewango ave. Warren	Yes		4	2,3
Herb	CIAR4	<i>Cirsium</i>	<i>arvense</i>	Canada thistle	Occurs along roadsides and openings	Yes	Yes	2	1-5
Herb	CIVU	<i>Cirsium</i>	<i>vulgare</i>	Bull thistle	Occurs along roadsides and openings	Yes	Yes	2	1-5
Herb	COMA2	<i>Conium</i>	<i>maculatum</i>	Poison hemlock	Occurs along roadsides and openings	Yes		5	2,3
Herb	DACA6	<i>Daucus</i>	<i>carota</i>	Queen-anne's lace	Occurs along roadsides and openings	Yes		5	2,3
Herb	DIFU2	<i>Dipsacus</i>	<i>fullonum</i>	Fuller's /common teasel (formerly <i>D. sylvestris</i> (DISY))	Roadsides/openings	Yes		5	2,3
Herb	EUCY2	<i>Euphorbia</i>	<i>cyparissias</i>	Cypress spurge	Occurs in area formerly known as Windy City - west of James City in opening.	Yes		1	1
Herb	FAJA2	<i>Fallopia</i>	<i>japonica</i>	Japanese knotweed (<i>Polygonum cuspidatum</i> and Giant knotweed <i>P. sachalinense</i>) taxonomic change	Occurs along most stream valleys and some road corridors or openings	Yes		3	1-5
Herb	GAOF	<i>Galega</i>	<i>officinalis</i>	Goatsrue; professor-weed	Occurs along FR152 near Russell City, PA and FR122 Markham Run.	Yes	Yes	2	1-5
Herb	HEFU	<i>Hemerocallis</i>	<i>fulva</i>	Orange daylily	Roadsides, invading forested areas and wetlands	Yes		3	1-5
Herb	HEMA17	<i>Heracleum</i>	<i>mantegazzianum</i>	Giant hogweed	Once occurred at Buckaloons Recreation area – treated by state no documented occurrence since 2001	Yes		2	1-5
Herb	HEMA3	<i>Hesperis</i>	<i>matronalis</i>	Dame's Rocket	Occurs along most streams, rivers, wet ditches	Yes		4	1-5
Herb	HIAU	<i>Hieracium</i>	<i>aurantiacum</i>	Orange Hawkweed	Occurs along roadsides and openings	Yes		5	2,3
Herb	HICA10	<i>Hieracium</i>	<i>caespitosum</i>	Meadow hawkweed; yellow hawkweed	Occurs along roadsides and openings	Yes		5	2,3
Herb	IRPS	<i>Iris</i>	<i>pseudacorus</i>	Paleyellow iris	Occurs along roadsides, streams, wetlands	Yes		3	1-5
Herb	LYNU	<i>Lysimachia</i>	<i>nummularia</i>	Moneywort; creeping jenny	Wet areas, disturbed areas	Yes		4	1-5
Herb	LYSA2	<i>Lythrum</i>	<i>salicaria</i>	Purple loosestrife	Scattered roadside occurrences	Yes	Yes	2	1-5
Herb	MEOF	<i>Melilotus</i>	<i>officinalis</i>	Yellow and white sweet clover (now considered one species)	Roadsides and openings	Yes		3	1-5
Herb	SEVA4	<i>Securigera</i>	<i>varia</i>	Crown Vetch	Occurs along roadsides and openings	Yes		4	1-5
Herb	TAVU	<i>Tanacetum</i>	<i>vulgare</i>	Common tansy	Scattered roadside occurrences	Yes		4	1-5
Herb	TUFA	<i>Tussilago</i>	<i>farfara</i>	Coltsfoot	Roadsides	Yes		5	2,3
Herb	TYAN	<i>Typha</i>	<i>angustifolia</i>	Narrow-leaved cattail	Scattered occurrences roadside ditches or wet areas	Yes		3	1-5
Herb	VETH	<i>Verbascum</i>	<i>thapsus</i>	Common mullein	Roadsides and openings	Yes		5	3,4

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Shrub	BETH	<i>Berberis</i>	<i>thunbergii</i>	Japanese barberry	Once planted in wildlife openings	Yes		3	1-5
Shrub	BEVU	<i>Berberis</i>	<i>vulgaris</i>	Common barberry	Once planted in wildlife openings	Yes		3	1-5
Shrub	ELUM	<i>Elaeagnus</i>	<i>umbellata</i>	Autumn olive	Once planted in wildlife openings	Yes		3	1-5
Shrub	EUAL13	<i>Euonymus</i>	<i>alatus</i>	Winged euonymus	Admin sites	Yes		3	1-5
Shrub	FRAL4	<i>Frangula</i>	<i>alnus</i>	Glossy buckthorn	Heavy infestations in southeastern part of the ANF – Bear creek area.	Yes		3	1-5
Shrub	LIOB	<i>Ligustrum</i>	<i>obtusifolium</i>	Border privet	Scattered occurrences	Yes		3	1-5
Shrub	LIVU	<i>Ligustrum</i>	<i>vulgare</i>	Common privet; European privet	Scattered occurrences	Yes		3	1-5
Shrub	LOMA6	<i>Lonicera</i>	<i>maackii</i>	Amur honeysuckle	Occurs along roadsides and openings	Yes		3	1-5
Shrub	LOMO2	<i>Lonicera</i>	<i>morrowii</i>	Morrow's honeysuckle	Occurs along roadsides and openings	Yes		3	1-5
Shrub	LOTA	<i>Lonicera</i>	<i>tatarica</i>	Tartarian honeysuckle	Occurs along roadsides and openings	Yes		3	1-5
Shrub	LOBE	<i>Lonicera</i>	<i>X bella (morrowii × tatarica)</i>	Bell's honeysuckle	Occurs along roadsides and openings	Yes		3	1-5
Shrub	RHCA3	<i>Rhamnus</i>	<i>cathartica</i>	Common buckthorn	Infestations in southeastern part of the ANF – Bear creek area.	Yes		3	1-5
Shrub	RHSC3	<i>Rhodotypos</i>	<i>scandens</i>	Jetbead	Warren county natural heritage report	Yes		3	1-5
Shrub	ROMU	<i>Rosa</i>	<i>multiflora</i>	Multiflora rose	Open areas – scattered infestations or some areas of heavy infestation.	Yes	Yes	2	1-5
Shrub	RUPH	<i>Rubus</i>	<i>phoenicolasius</i>	Wineberry; wine raspberry	NY state, Southern PA; Morrison Project Area	Yes		1	1
Shrub	VIOP	<i>Viburnum</i>	<i>opulus</i>	European cranberry bush; snowball bush	In Warren, McKean counties - Rhoads and Klein 1993	Yes		4	2,3
Tree	ACPL	<i>Acer</i>	<i>platanoides</i>	Norway Maple	Invading forested areas – Buckaloons, Anders Run	Yes		3	1-5
Tree	AIAL	<i>Alianthus</i>	<i>altissima</i>	Tree of Heaven	Occurs in Crescent Park and near Perkins restaurant in the city of Warren; Morrison Project Area – FR150I.	Yes		1	1-5
Tree	AREL8	<i>Aralia</i>	<i>elata</i>	Japanese angelica tree; Hercules club	Scattered roadsides and openings	Yes		3	1-5
Vine	AKQU	<i>Akebia</i>	<i>quinata</i>	Five-leaf akebia	Small population adjacent Beanfields	Yes		3	1-5
Vine	CEOR7	<i>Celastrus</i>	<i>orbiculatus</i>	Oriental bittersweet	Scattered occurrences	Yes		3	1-5
Vine	HEHE	<i>Hedera</i>	<i>helix</i>	English Ivy	Scattered roadsides and openings	Yes		3	1-5
Vine	PATE11	<i>Pachysandra</i>	<i>terminalis</i>	Japanese Pachysandra	Admin sites, roadsides	Yes		3	1-5
Vine	VIMI2	<i>Vinca</i>	<i>minor</i>	Common periwinkle; myrtle	Scattered occurrences however, dominates the site where it occurs	Yes		3	1-5

*NRCS - Natural Resource Conservation Service - <http://plants.usda.gov/index.html>

Treatment categories - species may change as information is obtained

Treatment Category by Species		Treatment Category Sites (ANF LRMP page A-44, USDA-FS 2007).	
1	Treatment of NNIP species anywhere - species on EDRR list for ANF.	1	Treatment of new infestations, either new species or locations on the ANF, i.e. limited number of sites/acres infested on the ANF.
2	Treatment of NNIP species anywhere regardless of size of infestation - species is on PA Noxious Weed Control list.	2	Conservation of sites occupied by or providing habitat for endangered, threatened, candidate and sensitive plants and animals that are susceptible to harm from invasive species.
3	Treatment of NNIP species everywhere regardless of infestation size high ecological threat.	3	Conservation of special areas.
4	Treatment of NNIP species limited - medium ecological threat.	4	Treatment of sites with the greatest potential for spreading such as but not limited to, trailheads, boat ramps, parking lots, recreation areas, and administrative sites.
5	Treatment of NNIP species limited - low ecological threat.	5	Containment and control of established infestation.