

# NON-NATIVE INVASIVE PLANTS OF BROWN COUNTY, INDIANA

## SHRUB



**Autumn olive**

Alternate leaves with shiny, silvery underside. Fragrant flowers are white-yellow and tubular. Fruit are red berries.



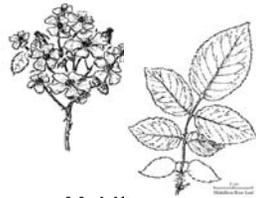
**Asian bush honeysuckles**

Stems hollow. Opposite oval leaves green early in spring. Fragrant paired flowers white or pink turning yellow. Fruits bright red berries. Three similar varieties occur.



**Japanese barberry**

Small leaves clustered around stem. Thorns along stem. Fruit are small red, shiny berries.



**Multiflora rose**

Stems thorny. Leaves with 7-9 leaflets. Feathery bract at leaf bases. Flowers white.



**Privet**

Elliptical leaves opposite. Flowers with 4 white petals clustered at top of stem. Fruits are black berries.



**Winged burning bush**

Four corky ridges along stem, but may rub off. Opposite oval leaves taper at tip, and turn a bright crimson in fall.

	LC†	Flowers	Fruits
<b>Autumn olive</b> ( <i>Elaeagnus umbellata</i> )	P	Feb-June	Aug-Nov
<b>Bush honeysuckles</b> ( <i>Lonicera maackii</i> , <i>L. morrowii</i> , <i>L. tatarica</i> )	P	Feb-June	Aug-Feb
<b>Privet</b> ( <i>Ligustrum obtusifolium</i> )	P	April-June	July-March
Other names: border privet, blunt-leaved privet			
<b>Japanese barberry</b> ( <i>Berberis thunbergii</i> )	P	March-April	May-Sept
<b>Multiflora rose</b> ( <i>Rosa multiflora</i> )*	P	April-June	July-Dec
<b>Winged burning bush</b> ( <i>Euonymus alatus</i> )	P	April-May	Aug-Jan
Other names: burning bush, wahoo			

† LC = Life cycle: A=annual, B=biennial, P=perennial

\* Illegal to buy and sell in the state of Indiana

**KEY** All images were taken or modified from the following sources: plants.usda.gov, www.invasive.org, http://www.dcr.virginia.gov/natural\_heritage/, extension.missouri.edu, and ecfla.org.

Additional resources available at: www.state.in.us/dnr/2412.htm

## VINE



**Autumn clematis**

Leaves opposite with smooth edges with 3-5 leaflets. Flowers with 4 creamy-white petals.



**English ivy**

Evergreen leaves with 3-5 lobes. Climbs on buildings and trees.



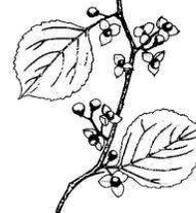
**Kudzu**

Leaves alternate with 3 four-six inch leaflets. Stems hairy.



**Japanese honeysuckle**

Fragrant flowers yellow-white in leaf axils. Stem hollow. Berries small, black. Leaves opposite and oval.



**Oriental bittersweet**

Alternate leaves glossy. Fruit small red berries with yellow capsule in leaf axils.



**Periwinkle**

Opposite evergreen leaves glossy & elliptical. Flowers with 5 blue-purple petals. Spreads along ground.



**Winter creeper**

Dark green leaves opposite and glossy. Pervasive on ground, sometimes climbs trees.



**Wisteria**

Leaves alternate with 7-19 leaflets. Fragrant flowers lavender in hanging clusters. Seed pods hairy.

	LC†	Flowers	Fruits
<b>Autumn clematis</b> ( <i>Clematis terniflora</i> )	P	Aug-Oct	Sept-Nov
Other names: Sweet autumn virgins-bower			
! Similar native species: Virgin's-bower ( <i>C. virginiana</i> ), which has coarsely-toothed leaflets. Invasive species has leaflets with smooth edges.			
<b>Periwinkle</b> ( <i>Vinca minor</i> )	P	April-May	May-July
Other names: Vinca, myrtle			
<b>English ivy</b> ( <i>Hedera helix</i> )	P	June-Oct	Oct-May
<b>Kudzu</b> ( <i>Pueraria montana</i> )*	P	June-Sept	Sept-Jan
<b>Japanese honeysuckle</b> ( <i>Lonicera japonica</i> )	P	April-July	June-March
<b>Oriental Bittersweet</b> ( <i>Celastrus orbiculatus</i> )	P	May	Aug-Jan
Other names: Asian bittersweet			
! Similar native species: American bittersweet ( <i>Celastrus scandens</i> ). Major difference: Fruits in the American bittersweet are produced at the tips of stems and branches, not in the axils.			
<b>Winter creeper</b> ( <i>Euonymus fortunei</i> )	P	May-July	Sept-Nov
<b>Wisteria</b> ( <i>Wisteria floribunda</i> , <i>W. sinensis</i> )	P	March-May	July-Nov

# NON-NATIVE INVASIVE PLANTS OF BROWN COUNTY, INDIANA

## HERB



**Canada thistle**

Leaves deeply lobed and spiny. Pink to purple flowers clustered on top.



**Chinese lespedeza**

Leaves many with 3 leaflets. Flowers white with pink-purple center.



**Common daylily**

Large showy orange flowers. Leaves long and slender.



**Crown vetch**

Trails on ground. Flowers lavender to pink-white clustered on stem.



**Dame's rocket**

Flowers pink-purple. Leaves alternate and lance-shaped.



**Garlic mustard**

Distinct garlic odor when crushed. Flowers white. Leaves alternate, heart-shaped, coarsely toothed.



**Japanese knotweed**

Hollow stems. Large oval leaves. Slender clusters of greenish-white flowers.



**Purple loosestrife**

Tall marsh herb. Pink-purple flowers in slender clusters along stalk.

	LC†	Flowers	Fruits
<b>Canada thistle</b> ( <i>Cirsium arvense</i> )*	P	June-Oct	July-Nov
<b>Chinese lespedeza</b> ( <i>Lespedeza cuneata</i> )	P	July-Sept	Oct-March
Other names: Sericea lespedeza			
<b>Common Daylily</b> ( <i>Hemerocallis fulva</i> )	P	May-Aug	June-Sept
Other names: Orange daylily			
<b>Crown vetch</b> ( <i>Securigera varia</i> )	P	May-Aug	July-Sept
<b>Dames rocket</b> ( <i>Hesperis matronalis</i> )	B	May-July	June-Aug
<b>Garlic mustard</b> ( <i>Alliaria petiolata</i> )	B	April-May	May-June
<b>Japanese knotweed</b> ( <i>Polygonum cuspidatum</i> )	P	Aug-Sept	Sept-Oct
<b>Purple loosestrife</b> ( <i>Lythrum salicaria</i> )*	P	June-Sept	Oct-March
<b>Sweetclover</b> ( <i>Melilotus officinalis</i> )	P	April-Sept	May-Oct
Other names: yellow sweetclover, white sweetclover			

## GRASS



**Japanese stiltgrass**

Faint silvery-white stripe on leaf midribs.



**Maiden grass**

Tall bunched grass. Leaves with stripes. Seed heads are fan-like plumes.



**Reed canary grass**

Flowers and seeds densely clustered. Transparent tissue around stem at leaf base.

	LC†	Flowers	Fruits
<b>Japanese stiltgrass</b> ( <i>Microstegium vimineum</i> )	A	Aug-Oct	Sept-Dec
Other names: Japanese grass, Nepalese browntop			
<b>Maiden grass</b> ( <i>Miscanthus sinensis</i> )	P	Aug-Nov	Sept-Jan
Other names: Chinese silvergrass, zebra grass, Chinese plume grass			
<b>Reed canarygrass</b> ( <i>Phalaris arundinacea</i> )	P	May-July	June-Aug
<b>Princess tree</b> ( <i>Paulownia tomentosa</i> )	P	April-May	June-April
<b>Tree of heaven</b> ( <i>Ailanthus altissima</i> )	P	April-June	July-Feb

! Similar native species: black walnut, ash trees, and a variety of sumac shrubs and trees. The glandular notch at the leaflet bases of tree-of-heaven is a unique identifier and will not be present on any of these native species.

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## TREE



**Princess Tree**

Opposite leaves are large, heart-shaped, and fuzzy. Long tubular flowers white to pale lavender.



**Tree-of-Heaven**

Peanut butter-like odor. Leaves with 11-25 leaflets. Glandular notch at leaflet bases. Large clusters of yellow flowers. Papery seeds are tan or red.

Produced by the Brown County Native Woodlands Project, January 2009.

This list focuses on species are non-aquatic and that invade in or near woodlands.

If you would like to learn more, become involved, or have a free invasive species assessment on your property in Brown County, please contact Julie Kempf at 812-988-0246 or [jkempf@tnc.org](mailto:jkempf@tnc.org).