

CNIPM

Invasive Plants Descriptions and Photos

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Aegopodium podagraria

Common names; Bishop's goutweed, Bishops' weed, Gout weed, Ground elder, Herb gerard, Snow on the mountain

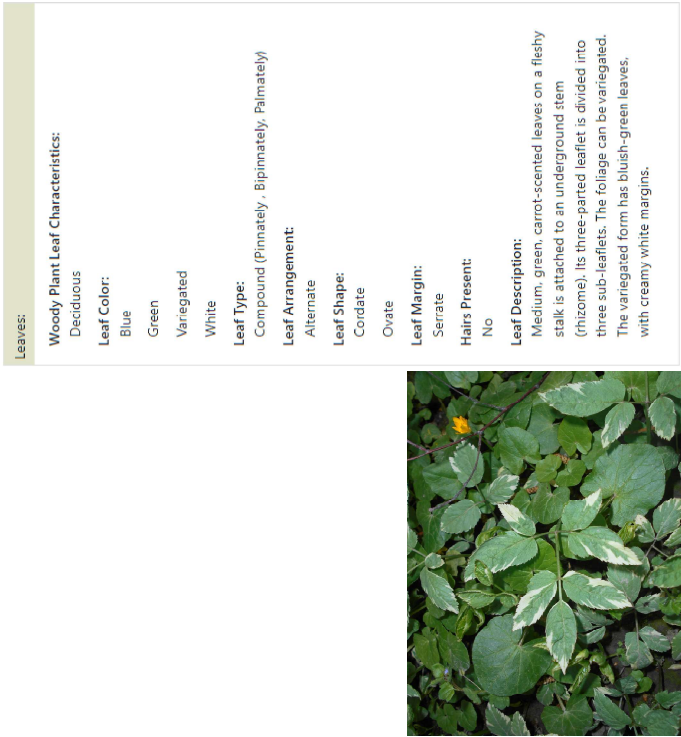


Figure 1: Aegopodium podagraria leaves photo and leaf description

Further reading; ([NCSU n.d.a](#))

References

NCSU. (n.d.a). *Aegopodium podagraria* (bishop's goutweed, bishops' weed, bishopweed, gout weed, ground elder, herb Gerard, snow on the mountain).

NCSU. (n.d.b). *Celastrus orbiculatus* (asian bittersweet, chinese bittersweet, oriental bittersweet).

NCSU. (n.d.c). *Hedera helix* (algerian ivy, baltic ivy, branching ivy, california ivy, common ivy, english ivy, glacier ivy, hahn's self branching english ivy, needlepoint ivy, sweetheart ivy).

NCSU. (n.d.d). *Ligustrum japonicum* (amur, common privet, curlyleaf ligustrum, japanese privet, privet, wax-leaf privet).

NCSU. (n.d.e). *Pueraria montana* (kudzu).

NCSU. (n.d.f). *Reynoutria japonica* (asiatic knotweed, donkey rhubarb, fleecedflower, huzhang, japanese bamboo, japanese knotweed, mexican bamboo).

NCSU. (n.d.g). *Rosa multiflora* (multiflora rose).

Celastrus orbiculatus

Common names; Asian bittersweet, Chinese bittersweet, Oriental bittersweet

Leaves:

Woody Plant Leaf Characteristics:

Deciduous

Leaf Color:
Green

Leaf Feel:
Glossy

Deciduous Leaf Fall Color:
Gold/Yellow

Leaf Type:
Simple

Leaf Arrangement
Alternate

Leaf Shape:
Obovate

Leaf Margin:
Dentate

Hairs Present:
Yes

Leaf Length:
3-6 inches

Leaf Width:
1-3 inches

Leaf Description:
Simple, alternate 2"-5" long and 1 1/2"-3" wide. Round to oval and glossy with round or tapered tips and rounded toothed margins. The veins on the undersides may have sparse hairs and the petiole is 3/4" long. Olive green in spring and summer, light yellow fall foliage.



Figure 2: Celastrus orbiculatus leaves photo and leaf description

Further reading; [NCSU n.d.b](#)

Hedera helix

Common names; Algerian ivy, Baltic ivy, Branching ivy, California ivy, Common ivy, English ivy, Glacier ivy, Needlepoint ivy, Sweetheart ivy

Leaf Color: Green Variegated White Leaf Feel: Glossy Leaf Value To Gardener: Long-lasting Leaf Type: Simple Leaf Arrangement: Alternate Leaf Shape: Palmasect Leaf Margin: Entire Lobed Hairs Present: No Leaf Length: 1-3 inches Leaf Width: 1-3 inches Leaf Description: Evergreen, 3-5 palmate lobes with palmate venation when juvenile, ovate to rhombic on mature/adult branches borne well off the ground; leaves dark green above and lustrous, prominently whitish-gray becoming lighter green with age borne adjacent to major veins. Leaves are typically 4 inches long x 2.5 to 5 inches wide.	Stem: Stem Color: Brown/Copper Green Stem Is Aromatic: No Stem Buds: Smooth/Hairless Stem Bud Terminal: Only 1 terminal bud, smaller than side buds Stem Cross Section: Round Stem Form: Straight Stem Description: Produces adventitious roots for climbing. Individual English ivy plants may have both juvenile and adult stems. The juvenile phase typically forms the ground cover. Juvenile English ivy begins to climb when vertical structure is available (e.g. trees shrubs, buildings, utility poles), and vertical stems transition to the adult phase.
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Figure 3: Hedera helix leaf description, and stem description.

Rosa multiflora continued...

Leaves: Leaf Color: Green Leaf Type: Compound (Pinnately , Bipinnately, Palmately) Leaf Arrangement: Alternate Leaf Shape: Oblong Ovate Leaf Margin: Serrate Hairs Present: No Leaf Length: 3-6 inches Leaf Width: 1-3 inches Leaf Description: Alternate odd-pinnate compound leaves with 5-11 leaflets with serrate margins. Leaflets are ovate 1/2"-2" long with acute (pointed) tips. Petioles have fringed stipules which distinguishes them from other roses.	Stem: Stem Color: Green Red/Burgundy Stem Is Aromatic: No Stem Cross Section: Round Stem Surface: Smooth (glabrous) Stem Description: Green to red arching canes
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Figure 12: Rosa multiflora leaf description, and stem description.

Further reading; ([NCSU n.d.g](#))

Rosa multiflora

Common names; Multiflora rose



Figure 11: Rosa multiflora stipules photo.

Hedera Helix continued...

Poisonous to Humans:	
Poison Severity:	Medium
Poison Symptoms:	Contact with plant cell sap causes severe skin irritation with redness, itching, and blisters. Ingestion of berries causes burning sensation in the throat. Ingestion of leaves can result in delirium, stupor, convulsions, hallucinations, fever and rash, vomiting, abdominal pain, hypersalivation, and diarrhea. Foliage is more toxic than berries. English Ivy contains allergens that may affect humans.
Poison Toxic Principle:	Triterpenoid saponins and polyacetylene compounds
Causes Contact Dermatitis:	Yes
Poison Part:	Bark
	Flowers
	Fruits
	Leaves
	Roots
	Sap/Juice
	Seeds
	Stems




Figure 4: Hedera helix leaves photo, and poisonous characteristics.

Further reading; ([NCSU n.d.c](#))

Ligustrum japonicum

Common names; Amur, Common privet, Curlyleaf ligustrum, Japanese privet, Wax-leaf privet



Poisonous to Humans:

Poison Severity:
Medium

Poison Symptoms:
Abdominal pain, nausea, vomiting, diarrhea, headache, weakness, Gastrointestinal upset (most common), incoordination, increased heart rate, death (rare), low blood pressure, cold and clammy skin possibly lasting 48 to 72 hours

Poison Toxic Principle:
Glycosides: syringin (ligustrin), a glycoside; shikimic acid (lowest toxic dose 4,000mg) and others

Causes Contact Dermatitis:
No

Poison Part:
Fruits
Leaves

Figure 5: Ligustrum japonica leaves photo and poisonous characteristics.

Reynoutria japonica continued...

Leaves:

Leaf Color:
Green

Red/Burgundy

Leaf Type:
Sheath

Simple

Leaf Arrangement:
Alternate

Leaf Shape:
Obovoid

Elliptical

Subcordate

Leaf Margin:
Entire

Hairs Present:
No

Leaf Length:
3-6 inches

Leaf Description:
4 to 6 inches long and 2-4 inches wide broadly oval to triangulate, sharply pointed, alternate leaves with truncated bases and entire margins. Leaves are dark green on top and light green below with reddish veins. Where they meet the stem, there is a swollen structure called an ocrea. New growth is red.

Stem:

Stem Color:
Brown/Copper

Green

Red/Burgundy

Stem Is Aromatic:
No

Stem Cross Section:
Round

Stem Description:
Stems are green to reddish-brown, large, hollow, slightly ridged longitudinally jointed and nodded. They remain below and remain after the plant has died back to the ground.

Figure 10: Reynoutria japonica leaf description and stem description.

Further reading; [\(NCSU n.d.f\)](#)

Reynoutria japonica

Common names; Asiatic knotweed, Donkey rhubarb, Fleeceflower, Huzhang, Japanese bamboo, Japanese knotweed, Mexican bamboo



Figure 9: Reynoutria japonica leaves photo.

Ligustrum japonicum continued...

Leaves:	
Woody Plant Leaf Characteristics:	
Broadleaf Evergreen	
Leaf Color:	Green
Leaf Feel:	Smooth
Leaf Type:	Simple
Leaf Arrangement:	Opposite
Leaf Shape:	Oblong
	Ovate
Leaf Margins:	Entire
Hairs Present:	No
Leaf Length:	3-6 inches
Leaf Description:	Leaves are opposite, simple, broad-ovate to ovate-oblong, entire, coriaceous, glabrous, and dark green in color. They have 4-5 pairs of indistinct raised veins on the undersurface and grow 2-4" long.
Stem:	
Stem Color:	Gray/Silver
Stem Is Aromatic:	No
Stem Lenticels:	Conspicuous
Stem Surface:	Smooth (glabrous)
Stem Description:	Twigs are smooth, gray, and covered with large lenticels.

Figure 6: Ligustrum japonica leaf description and stem description.

Further reading; ([NCSU n.d.d](#))

Pueraria montana and *Pueraria montana* var. *lobata*

Common names: Kudzu, Japanese arrowroot, Kudzu bean, Kudzu hemp, Kudzu vine



Edibility:

The roots may be cooked and used to make into noodles, a thickening agent for soups, or gelatin. The flowers may be cooked or made into pickles. The stems and young leaves are eaten as a vegetable and are very nutritious. The taste is reportedly between a bean and pea.

Figure 7. *Pueraria montana* leaves photo and edibility description of Kudzu.

Pueraria montana and *Pueraria montana* var. *lobata* continued...

Leaves:	Leaves:
Leaf Color: Green	Woody Plant Leaf Characteristics: Deciduous
Deciduous Leaf Fall Color: Brown/Copper	Leaf Color: Gold/Yellow Gray/Silver Green
Leaf Type: Compound (Pinnately , Bipinnately, Palmately)	Leaf Type: Compound (Pinnately , Bipinnately, Palmately)
Leaf Arrangement: Alternate	Hairs Present: No
Leaf Shape: Ovate	Leaf Length: > 6 inches
Leaf Margins: Entire Lobed	Leaf Description: Pinnately compound three leaflets, alternate grayish green or yellow 2'-8' long
Hairs Present: Yes	Stem:
Leaf Length: 3-6 inches	Stem Is Aromatic: No
Leaf Width: 3-6 inches	Stem Description: The long flexible stems are used in basket making.
Leaf Description: The leaves are compound, alternate, and hairy on the upper and lower surfaces. Each leaf has a long petiole and three leaflets. The lateral leaves have two lobes, and the terminal leaves have three lobes.	

Figure 8. *Pueraria montana* leaf description, and *Pueraria montana* var. *lobata* leaf and stem descriptions. Further reading; [\(NCSU n.d.e\)](#)