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

Leaves:

Woody Plant Leaf Characteristics:

Deciduous

Leaf Color:

Blue

Green

Variegated

White

Leaf Type:

Compound (Pinnately, Bipinnately, Palmately)

Leaf Arrangement:

Alternate

Leaf Shape:

Cordate

Ovate

Leaf Margin:

Serrate

Hairs Present:

No

Leaf Description:

Medium, green, carrot-scented leaves on a fleshy stalk is attached to an underground stem (rhizome). Its three-parted leaflet is divided into three sub-leaflets. The foliage can be variegated. The variegated form has bluish-green leaves, with creamy white margins.

Figure 1: Aegopodium podagraria leaves photo and leaf description

Further reading; (NCSU n.d.a)

$Celastrus\ orbiculatus$

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

Figure 3: Hedera helix leaf description, and stem description.

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.

Ligustrum japonicum continued...

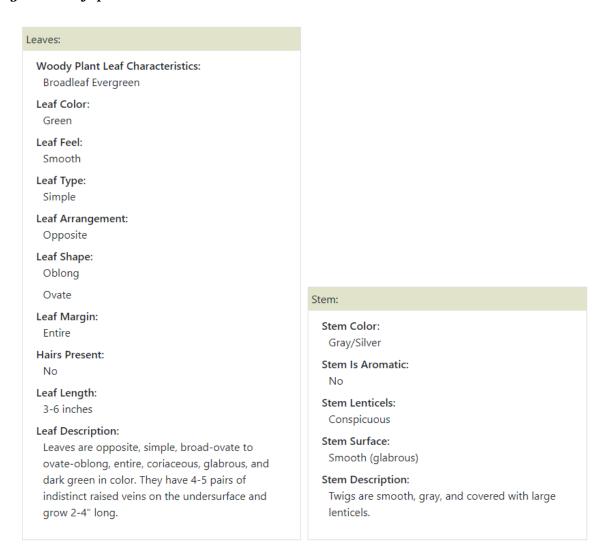


Figure 6: Ligustrum japonica leaf description and stem description.

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:	
Leaf Color: Green	Leaves:
Deciduous Leaf Fall Color: Brown/Copper	Woody Plant Leaf Characteristics: Deciduous
Leaf Type: Compound (Pinnately , Bipinnately, Palmately)	Leaf Color: Gold/Yellow
Leaf Arrangement: Alternate	Gray/Silver Green
Leaf Shape: Ovate	Leaf Type: Compound (Pinnately , Bipinnately, Palmately)
Leaf Margin: Entire	Hairs Present: No
Lobed Hairs Present: Yes	Leaf Length: > 6 inches Leaf Description:
Leaf Length: 3-6 inches	Pinately compound three leaflets, alternate grayish green or yellow 2"-8" long
Leaf Width: 3-6 inches	
	Stem:
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.	Stem Is Aromatic: No Stem Description: The long flexible stems are used in basket making.

Figure 8: Pueraria montana leaf description, and Pueraria montana var. lobata leaf and stem descriptions.

Further reading; (NCSU n.d.e)

$Reynoutria\ japonica$

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



Figure 9: Reynoutria japonica leaves photo.

Reynoutria japonica continued...

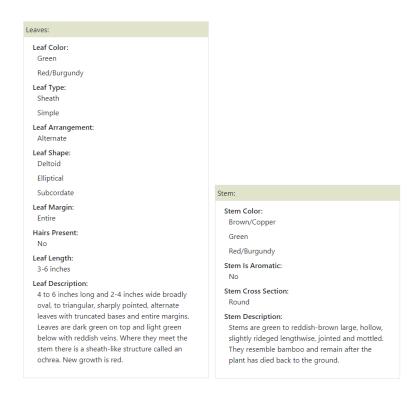


Figure 10: Reynoutria japonica leaf description and stem description.

Further reading; (NCSU n.d.f)

$Rosa\ multiflora$

Common names; Multiflora rose



Figure 11: Rosa multiflora stipules photo.

$Rosa\ multiflora\ {\rm continued.} \ldots$

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

Figure 12: Rosa multiflora leaf description, and stem description.

Further reading; (NCSU n.d.g)

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, fleeceflower, huzhang, japanese bamboo, japanese knotweed, mexican bamboo).

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