Native Plants for Nutrient-rich Soils

**Acer circinatum**  
**Vine Maple**  
Tall, erect, multi-trunked shrub or small tree with sprawling branches.  
Prefers well drained, nitrogen-rich soils.  
Height: 13-26 feet (4-8 meters)

**Achlys triphylla**  
**Vanilla Leaf**  
Grows low to the ground, spreading by rhizomes to form dense ground cover in shady areas.  
Height: To 12 inches (30 cm) tall.

**Adiantum aleuticum**  
**Maidenhair Fern, Aleutian maidenhair, western maidenhair, serpentine maidenhair**  
Small to medium-sized delicate, deciduous fern with a fan-shaped arrangement of five to seven fingerlike branchlets each bearing many toothed leaflets.  
Prefers humus rich soils and well-drained, moist sites. Tolerant of serpentine soils.  
Height: 6-43 inches (15-110 cm).

**Asarum caudatum**  
**Wild Ginger**  
Low-growing evergreen perennial that smells strongly of lemon-ginger when crushed.  
Prefers rich soils.  
Height: Can grow up to 8 inches (20 cm) tall.

**Athyrium filix-femina**  
**Lady Fern**  
Tall, delicate, light-green fronds from a basal cluster.  
Height: Grows 3-6 feet (2 meters) tall.

**Claytonia sibirica**  
**Siberian Spring Beauty**  
Low-growing delicate herb.  
Prefers nutrient-rich, moist soils.  
Height: Up to 16 inches (40 cm).

**Cornus stolonifera**  
**Red-osier Dogwood**  
Spreading, thicket-forming shrub with bright red stems.  
Prefers seasonally inundated soils.  
Height: Up to 20 feet (6 meters).
**Cornus unalaschkensis**
*Bunchberry*
Low, trailing, rhizomatous perennial with white flowers. Can tolerate nitrogen-poor soils. Height: Up to 10 inches (25 cm).

**Corylus cornuta**
*Beaked Hazelnut*
Slender, multi-trunked deciduous shrub. Prefers calcium and nitrogen rich soils. Height: 3 feet - 13 feet (1 meter - 4 meters).

**Deschampsia cespitosa**
*Tufted Hairgrass*
Densely tufted perennial grass. Grows vigorously in nutrient-rich sites. Height: Up to 4 feet (120 cm) tall.

**Hydrophyllum tenuipes**
*Pacific Waterleaf*
Single leafy, hairy stem grows from rhizomes and fleshy fibrous roots; with small clusters of greenish-white flowers. Prefers rich, moist soils. Height: Up to 32 inches (80 cm).

**Oemleria cerasiformis**
*Indian Plum, Osoberry*
Deciduous shrub producing clusters of white flowers in very early spring. One of the earliest plants to bloom. Prefers nutrient rich soils. Height: 16.5 feet (5 meters).

**Oplopanax horridus**
*Devil's Club*
An erect to sprawling shrub with thick, spiny, crooked stems and very large leaves. Found often in wet, but well-drained seepage sites. Height: Up to 10 feet (3 meters).

**Philadelphus lewisii**
*Mock Orange*
Erect, loosely branched shrub with large fragrant white flowers.
Can tolerate several soil types.
Height: Up to 10 feet (3 meters).

**Physocarpus capitatus**  
Pacific Ninebark  
Erect to spreading shrub up to 4 meters tall with clusters of white flowers.  
Height: Up to 13 feet (4 meters).

**Ranunculus occidentalis**  
Western Buttercup  
Slender perennial herb with fibrous roots and yellow flowers.  
Height: Up to 2 feet (60 cm).

**Rosa nutkana**  
Nootka Rose  
Spindly shrub with a pair of prickles at the base of each leaf and large pink rose flowers.  
Prefers rich soils.  
Height: Up to 10 feet (3 meters).

**Solidago canadensis**  
Canada Goldenrod  
Forms patches from long creeping rhizomes. Stems leafy and hairy near the top, with a dense cluster of small yellow flowers.  
Prefers soils rich in nutrients.  
Height: Up to 5 feet (1.5 meters).

**Stachys cooleyae**  
Cooley’s Hedge Nettle  
Perennial from rhizomes.  
Prefers nutrient rich, mucky, peaty soils.  
Height: Up to 5 feet (1.5 meters).

**Thuja plicata**  
Western Red Cedar  
Large conifer with branches that droop and then turn back up (J-shaped), broad crowns.  
Prefers nutrient rich soils with poor drainage.  
Height: 100-230 feet (30-70 meters).

**Tolmiea menziesii**  
Piggy-back Plant  
A woodland herb whose leaves give rise to small plantlets.
**Urtica dioica**  
*Stinging Nettle*  
Tall perennial herb with deciduous leaves covered in stinging hairs. Prefers nutrient-rich soils.

**Viola glabella**  
*Yellow Wood Violet*  
An attractive yellow-flowered violet of moist open woodlands.
Native Plants for Nutrient-poor Soils

**Achillea millefolium**
Yarrow
Aromatic herb with delicate fern-like leaves and flat-topped clusters of white flowers. **Achillea millefolium** is capable of enduring poor soil and dry conditions.
Height: 4 inches to 3 feet (10-100 cm).

**Alnus rubra**
Red Alder
A fast-growing deciduous tree well suited to disturbed sites. Fixes nitrogen, can flourish in poor soils.
Height: Up to 80 feet (25 meters).

**Cornus unalaschkensis**
Bunchberry
Low, trailing, rhizomatous perennial with white flowers. Can tolerate nitrogen-poor soils.
Height: Up to 10 inches (25 cm).

**Gaultheria shallon**
Salal
Creeping to erect shrub with hairy branching stems and dark leathery leaves. Height: Up to 16 feet (5 meters) in exceptional cases but typically 3-7 feet (1-2 m) tall.

**Gilia capitata**
Globe Gilia
Upright taprooted annual with large ball-like heads of blue flowers. Height: Up to 3 feet (1 meter).

**Grindelia integrifolia**
Entire-leaved Gumweed
Seaside perennial with sticky heads of yellow flowers. Can tolerate nutrient-poor, clay-like soils. Height: Can grow up to 32 inches (80 cm) in height.

**Ledum groenlandicum**
Labrador Tea
Evergreen, branching shrub with rusty-hairy leaf undersides and white flowers. Height: Up to 5 feet (1.5 meters).
**Mahonia aquifolium**  
*Tall Oregon Grape*  
Erect, stiff-branched shrub with holly-like leaves and clusters of yellow flowers. Tolerant of nutrient-poor, rocky soils.  
Height: 2.5 - 6.5 feet (0.8 meters - 2 meters).

**Pinus contorta**  
*Shore Pine*  
Short pine tree, often with crooked trunk and bushy habit.  
Height: Up to 100 feet (30 meters).

**Sisyrinchium californicum**  
*Golden-eyed Grass*  
A small iris-like plant with yellow flowers.  
Height: 16 inches (40 cm).
Native Plants for Humic Soils

*Adiantum aleuticum*
**Maidenhair Fern, Aleutian maidenhair, western maidenhair, serpentine maidenhair**
Small to medium-sized delicate, deciduous fern with a fan-shaped arrangement of five to seven fingerlike branchlets each bearing many toothed leaflets. Prefers humus rich soils and well-drained, moist sites. Tolerant of serpentine soils. Height: 6-43 inches (15-110 cm).

*Athyrium filix-femina*
**Lady Fern**
Tall, delicate, light-green fronds from a basal cluster. Height: Grows 3-6 feet (2 meters) tall.

*Blechnum spicant*
**Deer Fern**
Dark green fern leaves grow in tufts from short, stout rhizomes. Height: Up to 40 inches (1 meter) tall.

*Maianthemum stellatum*
**Starflowered False Solomon’s Seal**

*Tolmiea menziesii*
**Piggy-back Plant**
A woodland herb whose leaves give rise to small plantlets.

*Trientalis latifolia*
**Broad-leaved Starflower**
A small delicate herb with a single whorl of leaves topped by several small, pink, star-shaped flowers.

*Vaccinium parvifolium*
**Red Huckleberry**
Delicately branched shrub with small red huckleberries, suitable for shady areas on decaying wood. Needs well decayed wood or bark; usually grows on old stumps and logs. Height: 4-10 feet (1.5-3 meters).
Native Plants for Organic Soils

**Achlys triphylla**  
*Vanilla Leaf*  
Grows low to the ground, spreading by rhizomes to form dense ground cover in shady areas.  
Height: To 12 inches (30 cm) tall.

**Adiantum aleuticum**  
*Maidenhair Fern, Aleutian maidenhair, western maidenhair, serpentine maidenhair*  
Small to medium-sized delicate, deciduous fern with a fan-shaped arrangement of five to seven fingerlike branchlets each bearing many toothed leaflets.  
Prefers humus rich soils and well-drained, moist sites. Tolerant of serpentine soils.  
Height: 6-43 inches (15-110 cm).

**Asarum caudatum**  
*Wild Ginger*  
Low-growing evergreen perennial that smells strongly of lemon-ginger when crushed.  
Prefers rich soils.  
Height: Can grow up to 8 inches (20 cm) tall.

**Blechnum spicant**  
*Deer Fern*  
Dark green fern leaves grow in tufts from short, stout rhizomes.  
Height: Up to 40 inches (1 meter) tall.

**Cornus unalaschkensis**  
*Bunchberry*  
Low, trailing, rhizomatous perennial with white flowers.  
Can tolerate nitrogen-poor soils.  
Height: Up to 10 inches (25 cm).

**Dryopteris expansa**  
*Spiny Wood Fern*  
A semi-evergreen fern of woodland areas with triangular fronds from a stout rhizome.  
Height: To 3 feet (1 meter) tall.

**Fraxinus latifolia**  
*Oregon Ash*  
Tough-wooded tree with gray bark and compound leaflets arranged oppositely around twigs.  
Prefers saturated .  
Height: Up to 82 feet (25 meters).
**Heuchera micrantha**  
Small-flowered Alumroot  
Grows from rhizomes with one to many flower stems that are reddish and covered with fine hairs and topped with delicate panicles of tiny white flowers.  
Height: Up to 2 feet (60 cm).

**Maianthemum stellatum**  
Starflowered False Solomon's Seal

**Oxalis oregana**  
Wood Sorrel  
A delicate herb with clover-like leaves and white to pink flowers, forming carpets in forested areas.  
Prefers humus-rich soils.

**Tiarella trifoliata**  
Foamflower  
Herb with erect or ascending stems and spikes of dainty white flowers.  
Height: 2 feet (60 cm).

**Tolmiea menziesii**  
Piggy-back Plant  
A woodland herb whose leaves give rise to small plantlets.

**Trientalis latifolia**  
Broad-leaved Starflower  
A small delicate herb with a single whorl of leaves topped by several small, pink, star-shaped flowers.

**Trillium ovatum**  
Western Trillium  
Short stout stems topped with a whorl of three leaves and a single large white flower.  
Typically on sloped topography.  
Height: 12-18 inches (30-45 cm).
**Tsuga mertensiana**  
Mountain Hemlock  
Slow growing evergreen conifer.  
Height: Up to 40 meters (130 ft) tall, but often shorter.

**Urtica dioica**  
Stinging Nettle  
Tall perennial herb with deciduous leaves covered in stinging hairs.  
Prefers nutrient-rich soils.

**Vaccinium parvifolium**  
Red Huckleberry  
Delicately branched shrub with small red huckleberries, suitable for shady areas on decaying wood.  
Needs well decayed wood or bark; usually grows on old stumps and logs.  
Height: 4-10 feet (1.5-3 meters).

**Viola glabella**  
Yellow Wood Violet  
An attractive yellow-flowered violet of moist open woodlands.

**Viola sempervirens**  
Evergreen Violet  
A creeping violet with evergreen leaves and yellow flowers.
Native Plants for Mineral Soils

*Blechnum spicant*
Deer Fern
Dark green fern leaves grow in tufts from short, stout rhizomes.
Height: Up to 40 inches (1 meter) tall.

*Physocarpus capitatus*
Pacific Ninebark
Erect to spreading shrub up to 4 meters tall with clusters of white flowers.
Height: Up to 13 feet (4 meters).