

Native Plants for Mineral Phytoextraction

Common Name	Scientific Name	Vegetation Type	Sunlight requirements	Soil moisture requirements	Minerals Affected	Accumulation Quantity
Common yarrow	<i>Achillea millefolium</i>	Forb	Full sun	Dry to medium	Cd	Accumulator
False indigo bush	<i>Amorpha fruticosa</i>	Shrub	Full sun	Medium to wet	Cu	Accumulator
Big bluestem	<i>Andropogon gerardii</i>	Forb	Full sun	Dry to medium	Cu	Accumulator
Sideoats grama	<i>Bouteloua curtipendula</i>	Grass	Full sun	Dry to medium	Zn, Cu	Accumulator
Fox sedge	<i>Carex vulpinoidea</i>	Sedge	Full sun to part shade	Wet	Cd, Cu	Accumulator
Canadian horseweed	<i>Conyza canadensis</i>	Forb	Full sun	Dry to medium	Cd, Zn, Ni	Accumulator
Common sunflower	<i>Helianthus annuus</i>	Forb	Full sun	Dry to medium	Cd, Zn, Cu, Ni	Accumulator
Balsam groundsel	<i>Packera paupercula</i>	Forb	Full sun to part shade	Medium	Ni	Hyperaccumulator
Switchgrass	<i>Panicum virgatum</i>	Grass	Full sun to part shade	Medium to wet	Cd	Hyperaccumulator
Pale smartweed	<i>Persicaria lapathifolia</i>	Forb	Full sun to part shade	Medium	Cu	Hyperaccumulator
Balsam poplar	<i>Populus balsamifera</i>	Tree	Full sun	Medium	Cd	Accumulator
Quaking aspen	<i>Populus tremuloides</i>	Tree	Full sun	Dry to Medium	Cd	Accumulator
Black locust	<i>Robinia pseudoacacia</i>	Tree	Full sun	Dry to medium	Ni	Hyperaccumulator
Peachleaf willow	<i>Salix amygdaloides</i>	Tree	Full sun to part shade	Medium to wet	Cd, Zn, Ni	Accumulator
Narrowleaf willow	<i>Salix exigua</i>	Tree	Full sun to part shade	Medium to wet	Cd, Zn, Ni	Accumulator
Sand willow	<i>Salix interior</i>	Tree	Full sun to part shade	Medium to wet	Cd, Zn, Ni	Accumulator
Scouler's willow	<i>Salix scouleriana</i>	Tree	Full sun to part shade	Medium	Cd, Zn, Ni	Accumulator
Little bluestem	<i>Schizachyrium scoparium</i>	Grass	Full sun	Dry to medium	Cu	Accumulator

◀ References

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