

42 Priority Forest Crops

Common Name	Scientific name	Main Part Used	Other Uses	Propagation	Sources	Habitat
Top 13 Species						
Sochan	Rudbeckia laciniata	tender leaves	medicine like echinacea	seed, clump division	UPG	Shade to sun, moist soils
Woods nettle	Laportea canadensis	Leaves	bast fiber, mulch for annuals	seed, clump division	unknown	shade to part sun, moist soils
American Elderberry	Sambucus canadense	Fruit	Hedge, spiles, soil retention	seed, late-winter cuttings	UPN	Shade to sun, moist soils
Mulberry species	Morus alba, rubra, nigra	fruit	fiber, fodder, bow-making	seed, summer cuttings	UPN, HSN, Willis Orchards	Full sun, dry to moist soils
Lamb's quarter	Chenopodium album	Leaves, seeds	fodder	seed	Earthaven purple	disturbed sunny soil
Poke	Phytolacca americana	young stalks	acute medicine, winter green	seed, root cutting	wild	sunny edges and disturbed areas
Chestnut	Castanea spp.	Nut, wood	coppice, medicine	seed, grafting	Oikos, Badgersett	dry slopes deep loamy acid soil
Oak	Quercus abla and spp.	nut	wood, mushrooms	seed	Oikos, Forest Service	dry slopes deep loamy acid soil
Deer	Odocoileus virginianus	everything	pruning plants, distributing N2	yes	nature	varied
Heritage Turkey	Meleagris gallopavo	meat	feathers, bones, organs	yes	Heritage Turkey Foundation	forest and meadow pond, aquatic, mushroom operation
Ducks	Anatidae spp.	eggs, meat,	slug removal, manure, fat	yes		

Oyster mushroom	Pleurotus spp.	Mushroom	myco-remediation	stembutt, chip transplant	Mushroom Mountain	tulip poplar woodchips
Reishi	Ganoderma tsugae	mushroom	healing forests	sawdust inoculant	Mushroom Mountain	dead and dying hemlock trees
Runners Up						
Torreyia	Torreyia taxifolia	nut, ecological app	adapting to climate change	seed, winter cuttings	Torreyia Guardians, wild	semi-moist, shady rich cove hardwood forest
Basswood	Tilia americana	leaves, fiber, flowers	calcium accumulator	seed	Oikos Tree Crops	
Pioneer and edge plants						
Asparagus	Asparagus officinalis	stalk	pollinator attractor, beauty	seed	Oikos Tree Crops	woodland edge
Kudzu	Pueraria	Root	cloth, paper, fodder, biomass	seed, crown division	haha Southern	disturbed sunny soil
Burdock	Arctium spp.	Root	soil improver, medicine	seed	Exposure Seeds	sunny disturbed soil
Black locust	Robinia pseudoacacia	flowers	lumber, N-fixer, fodder	seed, root division	cold stream farm	recovering forest, usually drier soils
Muscadine	Vitis rotundifolia	fruit	create shade	softwood cuttings	UPN	sun to part-shade
Wineberry	Rubus	fruit	slope retention	layering, seed	wild, UPN	sun to part-shade
Autumn olive	Eleagnus umbellata	fruit	N-fixer, biomass, fodder	seed	Oikos Tree Crops	sunny edges
Animals						
Pigeon	Columbidae	meat	eggs, manure	self-propagated	www.pigeonbreeders.info	predator-proof high nests
Rabbits	Leporidae	meat	hair, manure	like rabbits	Imladris Farm, SE Fiber Fair	Simulated meadow
Trout	Oncorhynchus spp.	meat	annual fertilizer	wild, hatchery	?	cold high oxygen water
Goats		meat, milk, clearing	manure, skin, bones	maintain breed for re-sale	many	forest edge, cut-and-carry barn
Ducks		meat, fat, insect predation	feathers	purchase, brooding	many	sun-->shade
Mini-cows		dairy, meat, manure	skin, bones, fat		many	pasture, silvapasture

Forest Dwelling Herbaceous

Groundnut	<i>Apios americana</i>	starchy tuber	N-fixer, shade vine	tuber	Oikos Tree Crops	hardwood forest
Woodland strawberry	<i>Fragaria vesca</i>	fruit	groundcover	clump division, seed	Oikos Tree Crops	dappled sun in forests, acid to lime rich cove hardwood forest
Ramps	<i>Allium tricoccum</i>	leaves, bulb	seed for sale	seed	rampfarm.com	rich cove hardwood forest
Giant Solomon's Seal	<i>Polygonatum spp.</i>	bulb, shoots	berries	seed	Oikos Tree Crops	rich cove hardwood forest
Downy Chickweed	<i>Stellaria pubescens</i>	leaves	groundcover	seed, transplanting	wild	hardwood forest

Trees and shrubs

Northern Pecan	<i>Carya illinoensis</i>	nuts	timber, calcium	seed, hardwood cutting	Oikos Tree Crops	moist soils
Juneberry	<i>Amelanchier alnifolia</i>	berries	beautiful bloom, wildlife food	seed, hardwood cutting	UPN	garden to acid soils, sun to part-shade
Blueberry	<i>Vaccinium spp.</i>	berries	leaves for tea	rhizome, hardwood cutting	UPN	acid soils, full sun
Hazelnut	<i>Corylus spp.</i>	nuts	coppice, furniture	seed, hardwood cutting	Badgersett Farms	garden soil, full sun to shade
Red maple	<i>Acer rubra</i>	maple syrup	high-value timber	seed	wild	shade, higher pH
Persimmon	<i>Diospyros virginiana</i>	fruit	timber	seed, hardwood cutting	UPN	moist soil, sunny to part-shade
Monkey puzzle	<i>Araucaria araucana</i>	nuts	timber, coppice	seed	?	well-drained soil

Fungi

Chicken of the Wood	<i>Laetiporus sulphureous</i>	mushroom	forest restoration	stembutt, sawdust	wild, Mushroom Mountain	recently dead oak trees
Maitake	<i>Grifola frondosa</i>	mushroom	medicine, forest restoration	plug innoculation	Mushroom Mountain	dead and dying oak trees
Turkeytail	<i>Trametes versicala</i>	mushroom	medicine, food	natural spore propagation		oak and other hardwoods
