

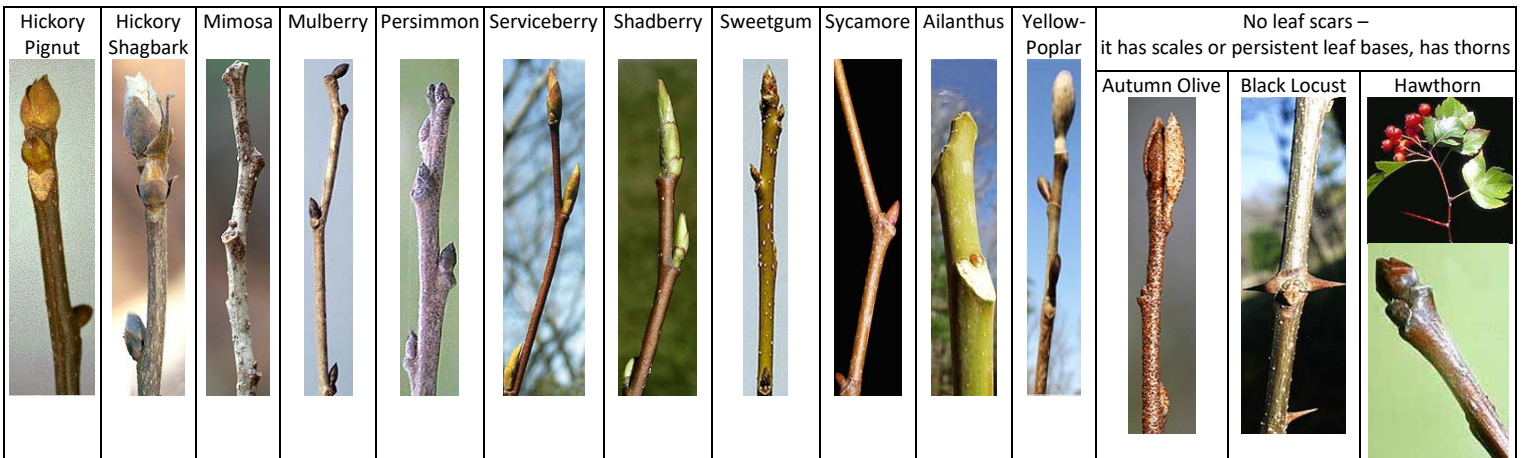
Common Hardwood Twig Key and Abbreviation Reference

Twig Key

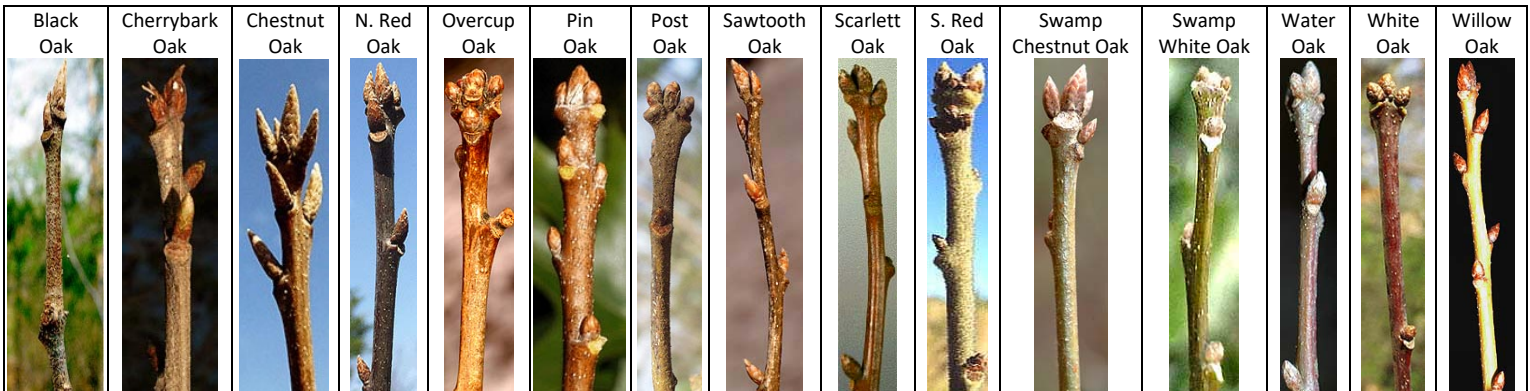
OPPOSITE – leaf scars and buds, in pairs or in threes



ALTERNATE – leaf scars and buds, they are not whorled, lacks spines or thorns



Oaks



Information provided by VA Tech Dept. of Forest Resources and Environmental Conservation; photos from Virginia Tech Tree ID website:

<https://dendro.cnre.vt.edu/dendrology/idit.htm>

Common Hardwood Regeneration Tree Abbreviation Sheet

Tree Species	Code	P	S	W	Tree Species, cont.	Code	P	S	W
Alder, <i>General</i>	ALD		X	X	Oak, Chinkapin	CPO			
Apple, Common	APP		X		Oak, Live	LIO			
Apple, Crab	CRA		X		Oak, Laurel	LAO			
Ash, White or Green	ASH			X	Oak, Northern Red	NRO	X		
Ash, Green	GRA			X	Oak, Overcup	OCO	X		
Ash, White	WHA			X	Oak, Pin	PIO	X		X
Aspen	ASP				Oak, Post	POO	X		
Basswood	BAS				Oak, Sawtooth	STO			
Bay, Sweet	BAY				Oak, Scarlet	SCO	X		
Beech	BEE	X			Oak, Southern Red	SRO	X		
Birch, Black	BLB				Oak, Swamp Chestnut	SWC	X		X
Birch, River	RIB		X	X	Oak, Swamp White	SWW	X		X
Birch, Yellow	YEB				Oak, Water	WAO	X		X
Blackgum	BLG	X		X	Oak, White	WHO	X		
Blackgum, Swamp	SWB	X		X	Oak, Willow	WIO	X		X
Boxelder	BOX				Osage-Orange	OSO			
Buckeye, Yellow	BUC				Paulownia	PAU			
Butternut	BUT		X		Paw Paw	PAW			
Cedar, E. Red	ERC				Persimmon	PER		X	
Cedar, N. White	NWC				Pine, Loblolly	LOB			
Cedar, Atlantic White	AWC	X		X	Pine, Long Leaf	LLP			
Cherry, Black	BLC				Pine, Pitch	PIP			
Chestnut, American	AMC				Pine, Pond	POP			
Chestnut, Chinese	CHC				Pine, Scotch	SCP			
Cottonwood	COT		X		Pine, Shortleaf	SHP			
Cucumbertree	CUC				Pine, Table-Mountain	TMP			
Cypress, Bald	CYP	X		X	Pine, Virginia	VAP			
Dogwood, Flowering	DOG		X		Pine, White	WHP			
Elm - <i>General</i>	ELM				Redbud	RED		X	
Elm, American	AME				Sourwood	SOU			
Elm, Slippery	SLE				Sassafras	SAS			
Elm, Winged	WIE				Spruce, Red	RES			
Fir, Balsam	BAF				Spruce, Norway	NOS			
Fir, Fraser	FRF				Sweet Gum	SWG			
Hemlock, <i>All</i>	HEM				Sycamore	SYC		X	X
Hackberry	HAC	X			Walnut, Black	BLW		X	
Hawthorn	HAW				Walnut, White	WHW			
Hazlenut	HAZ		X		Willow, Black, and <i>Other</i>	WIL		X	X
Hickory - <i>General</i>	HIC	X			Yellow-Poplar	YEP		X	X
Hickory, Bitternut	PIH	X			Unknown / Other	UNK			
Hickory, Mockernut	MOH	X			INVASIVES				
Hickory, Pignut	BIH	X			Autumn Olive	AUO			
Hickory, Shagbark	SHH	X			Bradford Pair	BRP			
Hickory, Water	WAH	X		X	Multiflora Rose	MFR			
Holly, American	AMH				Tree-of-Heaven	TOH			
Hophornbeam (Ironwood)	HOP				Trifoliolate Orange	TRO			
Hornbeam (Musclewood)	MUS				SHRUBS				
Locust, Black	BLL		X		Buttonbush	BUB		X	X
Locust, Honey	HOL				Chinquapin, Alleghany	CLC		X	
Maple, Red	REM				Dogwood, Graystem	DWG		X	X
Maple, Silver	SIM				Dogwood, Red Osier	DWR		X	X
Maple, Striped	STM				Dogwood, Silky	DWS		X	X
Maple, Sugar	SUM				Indigobush	IND			
Magnolia, Mountain	MOM				Plum, American	PLM		X	X
Mulberry	MUL		X		Serviceberry	SEB		X	
Oak, Black	BLO	X			Viburnum	VIB		X	X
Oak, Cherrybark	CBO	X			Winterberry	WIB		X	X
Oak, Chestnut	CHO	X							

(P) Primary, (S) Secondary, (W) Wet Tolerant – Species for NRCS hardwood establishment programs.