

between basal area can be more variable. In some instances the interpreter will be able to identify the genus but not be able to identify the specific species. In these instances only the genus should be identified. The level of identification may vary depending on the user's needs and the complexity of the project area. The objective of the inventory is to identify the species accurately, where ever possible.

It should be noted that the OSPCOMP is determined using a determination of basal area of dominate, co-dominate, and high intermediate trees within the overstorey. The dominate trees have well-developed crowns that extend above the general level of trees around them. Co-dominate trees have crowns forming the general level of trees around them and high intermediate trees have smaller crowns slightly below but extending into the general level of trees around them.

Valid species codes follow. The first table is in order by common name. A second table sorted by code value. Both tables contain a full listing of species codes available for use. Note, however, that **only a subset of these codes are interpreted from imagery during inventory creation**. The species in this subset are indicated in the tables by an X in the "Interp" column.

**Species codes listed in order by common name**

Interp	Code	Common Name	Scientific Name
	AL	alder, any / mixed	<i>Alnus spp.</i>
X	AX	ash, any / mixed	<i>Fraxinus spp.</i>
X	Ab	ash, black	<i>Fraxinus nigra</i>
	Aq	ash, blue	<i>Fraxinus quadrangulata</i>
	Ap	ash, pumpkin	<i>Fraxinus profunda</i>
	Ag	ash, red (or green)	<i>Fraxinus pennsylvanica</i>
X	Aw	ash, white	<i>Fraxinus americana</i>
X	Pl	aspen, largetooth	<i>Populus grandidentata</i>
X	Pt	aspen, trembling	<i>Populus tremuloides</i>
X	Bd	basswood	<i>Tilia americana</i>
X	Be	beech, American	<i>Fagus grandifolia</i>
	Bc	birch, cherry	<i>Betula lenta</i>
	Bp	birch, European white (or weeping)	<i>Betula pendula</i>

**Appendix 1****Tabular Attribute Descriptions**

<b>Interp</b>	<b>Code</b>	<b>Common Name</b>	<b>Scientific Name</b>
X	Bg	birch, grey	<i>Betula populifolia</i>
X	Bw	birch, white (or paper)	<i>Betula papyrifera</i>
X	By	birch, yellow	<i>Betula alleghaniensis</i>
	Gb	black gum	<i>Nyssa sylvatica</i>
	Bb	blue-beech (also called American hornbeam)	<i>Carpinus caroliniana</i>
X	Bn	butternut	<i>Juglans cinerea</i>
	Cat	catalpa, northern (also called bean-tree)	<i>Catalpa speciosa</i>
X	CE	cedar, all	<i>Thuja spp.</i>
X	Cr	cedar, eastern red (redcedar)	<i>Juniperus virginiana</i>
X	Cw	cedar, eastern white- (also called northern white-cedar)	<i>Thuja occidentalis</i>
X	CH	cherry, any / mix	<i>Prunus, spp.</i>
X	Cb	cherry, black	<i>Prunus serotina</i>
	Cc	cherry, choke	<i>Prunus virginiana</i>
	Cm	cherry, mazzard	<i>Prunus avium</i>
	Cp	cherry, pin (or wild red or fire)	<i>Prunus pensylvanica</i>
	Cs	cherry, sour (or pie or sour red)	<i>Prunus cerasus</i>
X	Cd	chestnut, American	<i>Castanea dentata</i>
X	OC	conifers, other	-----
X	Pd	cottonwood, Eastern	<i>Populus deltoids</i>
	Ct	cucumber tree	<i>Magnolia acuminata</i>
X	EX	elm, any / mix.	<i>Ulmus spp.</i>
	Er	elm, red (or slippery)	<i>Ulmus rubra</i>
	Eu	elm, rock	<i>Ulmus thomasii</i>
X	Ew	elm, white (or American)	<i>Ulmus americana</i>
X	Bf	fir, balsam	<i>Abies balsamea</i>
	Hk	hackberry	<i>Celtis occidentalis</i>
X	OH	hardwoods, other	-----
	Ht	hawthorn	<i>Crataegus spp.</i>
X	He	hemlock, eastern	<i>Tsuga canadensis</i>
X	Hi	hickory, all	<i>Carya spp.</i>
	HI	hickory, big shellbark	<i>Carya laciniosa</i>
	Hb	hickory, bitternut (or swamp)	<i>Carya cordiformis</i>
	Hm	hickory, mockernut	<i>Carya tomentosa</i>
	Hp	hickory, pignut (or red or sweet pignut)	<i>Carya glabra</i>

Interp	Code	Common Name	Scientific Name
	Hs	hickory, shagbark	<i>Carya ovata</i>
	Hc	horsechestnut	<i>Aesculus hippocastanum</i>
X	Iw	ironwood (also called Eastern hop-hornbeam)	<i>Ostrya virginiana</i>
	Kk	Kentucky coffee tree	<i>Gymnocladus dioicus</i>
X	La	larch, eastern (also called Tamarack or American Larch)	<i>Larix laricina</i>
	Le	larch, European	<i>Larix decidua</i>
	Lj	larch, Japanese	<i>Larix leptolepis (Larix kaempferi)</i>
	Bl	linden, big leaf	<i>Tilia platyphyllos</i>
	Ll	linden, little leaf	<i>Tilia cordata</i>
X	LO	locust (black and/or honey)	-----
	Lb	locust, black	<i>Robinia pseudoacacia</i>
	Gt	locust, honey-	<i>Gleditsia triacanthos</i>
X	MX	maple, any / mix	<i>Acer spp.</i>
	Mb	maple, black	<i>Acer nigrum</i> ( <i>Acer saccharum</i> <i>ssp.nigrum</i> )
	Mf	maple, freeman	<i>Acer X freemanii</i>
X	Mh	maple, hard (= sugar maple)	<i>Acer saccharum</i>
	Mm	maple, Manitoba (or box elder)	<i>Acer negundo</i>
	Mt	maple, mountain	<i>Acer spicatum</i>
	Mn	maple, Norway	<i>Acer platanoides</i>
X	Ms	maple, silver	<i>Acer saccharinum</i>
X	Mr	maple, soft (= red maple)	<i>Acer rubrum</i>
	Mp	maple, striped	<i>Acer pensylvanicum</i>
X	Mh	maple, sugar (also called hard maple)	<i>Acer saccharum</i>
	AM	mountain-ash, any/mix	<i>Sorbus spp.</i>
	Ema	mountain-ash, European	<i>Sorbus aucuparia</i>
	Mo	mulberry, red	<i>Morus rubra</i>
X	OX	oak, any / mix	<i>Quercus spp.</i>
	Obl	oak, black	<i>Quercus velutina</i>
	Ob	oak, bur	<i>Quercus macrocarpa</i>
	Och	oak, Chinquapin (or yellow)	<i>Quercus muehlenbergii</i>
	Op	oak, pin (or swamp)	<i>Quercus palustris</i>

## Appendix 1

### Tabular Attribute Descriptions

Interp	Code	Common Name	Scientific Name
X	Or	oak, red (or northern red)	<i>Quercus rubra</i>
	Os	oak, shumard's (or swamp red)	<i>Quercus shumardii</i>
	Osw	oak, swamp white	<i>Quercus bicolour</i>
X	Ow	oak, white	<i>Quercus alba</i>
	Pa	pawpaw	<i>Asimina triloba</i>
X	PX	pine, any / mix	<i>Pinus spp.</i>
	Pn	pine, Austrian or black	<i>Pinus nigra</i>
X	Pj	pine, jack	<i>Pinus banksiana.</i>
	Pp	pine, pitch	<i>Pinus rigida</i>
X	Pr	pine, red	<i>Pinus resinosa</i>
X	Ps	pine, scots	<i>Pinus sylvestris</i>
X	Pw	pine, white [eastern white]	<i>Pinus strobus</i>
X	PO	poplar, any / mix	<i>Populus spp.</i>
X	Pb	poplar, balsam	<i>Populus balsamifera</i>
	Pc	poplar, Carolina	<i>Populus X canadensis</i>
	Ph	poplar, hybrid	<i>Populus</i>
	Pe	poplar, silver (or European white or white)	<i>Populus alba</i>
	Red	redbud	<i>Cercis canadensis</i>
	Ss	sassafras	<i>Sassafras albidum</i>
X	SX	spruce, any / mix	<i>Picea spp.</i>
X	Sb	spruce, black	<i>Picea mariana</i>
	Sc	spruce, Colorado (or blue)	<i>Picea pungens</i>
	Sk	spruce, koyama	<i>Picea koyamae</i>
	Sn	spruce, Norway	<i>Picea abies</i>
	Sr	spruce, red	<i>Picea rubens</i>
X	Sw	spruce, white	<i>Picea glauca</i>
	Sy	sycamore	<i>Platanus occidentalis</i>
X	La	tamarack [= eastern larch]	<i>Larix laricina</i>
	Tp	tulip tree	<i>Liriodendron tulipifera</i>
X	Wb	walnut, black	<i>Juglans nigra</i>
X	Wi	willow, any / mix	<i>Salix spp.</i>
	Haz	witch-hazel, American	<i>Hamamelis virginiana</i>

**Species listed in order by code**

<b>Interp</b>	<b>Code</b>	<b>Common Name</b>	<b>Scientific Name</b>
X	Ab	ash, black	<i>Fraxinus nigra</i>
	Ag	ash, red (or green)	<i>Fraxinus pennsylvanica</i>
	AL	alder, any / mixed	<i>Alnus spp.</i>
	AM	mountain-ash, any/mix	<i>Sorbus spp.</i>
	Ap	ash, pumpkin	<i>Fraxinus profunda</i>
	Aq	ash, blue	<i>Fraxinus quadrangulata</i>
X	Aw	ash, white	<i>Fraxinus americana</i>
X	AX	ash, any / mixed	<i>Fraxinus spp.</i>
	Bb	blue-beech (also called American hornbeam)	<i>Carpinus caroliniana</i>
	Bc	birch, cherry	<i>Betula lenta</i>
X	Bd	basswood	<i>Tilia americana</i>
X	Be	beech, American	<i>Fagus grandifolia</i>
X	Bf	fir, balsam	<i>Abies balsamea</i>
X	Bg	birch, grey	<i>Betula populifolia</i>
	Bl	linden, big leaf	<i>Tilia platyphyllos</i>
X	Bn	butternut	<i>Juglans cinerea</i>
	Bp	birch, European white (or weeping)	<i>Betula pendula</i>
X	Bw	birch, white (or paper)	<i>Betula papyrifera</i>
X	By	birch, yellow	<i>Betula alleghaniensis</i>
	Cat	catalpa, northern (also called bean-tree)	<i>Catalpa speciosa</i>
X	Cb	cherry, black	<i>Prunus serotina</i>
	Cc	cherry, choke	<i>Prunus virginiana</i>
X	Cd	chestnut, American	<i>Castanea dentate</i>
X	CE	cedar, all	<i>Thuja spp.</i>
X	CH	cherry, any / mix	<i>Prunus, spp.</i>
	Cm	cherry, mazzard	<i>Prunus avium</i>
	Cp	cherry, pin (or wild red or fire)	<i>Prunus pensylvanica</i>
X	Cr	cedar, eastern red (redcedar)	<i>Juniperus virginiana</i>
	Cs	cherry, sour (or pie or sour red)	<i>Prunus cerasus</i>
	Ct	cucumber tree	<i>Magnolia acuminata</i>
X	Cw	cedar, eastern white- (also called northern white-cedar)	<i>Thuja occidentalis</i>
	Ema	mountain-ash, European	<i>Sorbus aucuparia</i>

## Appendix 1

### Tabular Attribute Descriptions

Interp	Code	Common Name	Scientific Name
	Er	elm, red (or slippery)	<i>Ulmus rubra</i>
	Eu	elm, rock	<i>Ulmus thomasii</i>
X	Ew	elm, white (or American)	<i>Ulmus americana</i>
X	EX	elm, any / mix.	<i>Ulmus spp.</i>
	Gb	black gum	<i>Nyssa sylvatica</i>
	Gt	locust, honey-	<i>Gleditsia triacanthos</i>
	Haz	witch-hazel, American	<i>Hamamelis virginiana</i>
	Hb	hickory, bitternut (or swamp)	<i>Carya cordiformis</i>
	Hc	horsechestnut	<i>Aesculus hippocastanum</i>
X	He	hemlock, eastern	<i>Tsuga canadensis</i>
X	Hi	hickory, all	<i>Carya spp.</i>
	Hk	hackberry	<i>Celtis occidentalis</i>
	HI	hickory, big shellbark	<i>Carya laciniosa</i>
	Hm	hickory, mockernut	<i>Carya tomentosa</i>
	Hp	hickory, pignut (or red or sweet pignut)	<i>Carya glabra</i>
	Hs	hickory, shagbark	<i>Carya ovata</i>
	Ht	hawthorn	<i>Crataegus spp.</i>
X	Iw	ironwood (also called Eastern hop-hornbeam)	<i>Ostrya virginiana</i>
	Kk	Kentucky coffee tree	<i>Gymnocladus dioicus</i>
X	La	larch, eastern (also called tamarack, eastern larch or American Larch)	<i>Larix laricina</i>
	Lb	locust, black	<i>Robinia pseudoacacia</i>
	Le	larch, European	<i>Larix decidua</i>
	Lj	larch, Japanese	<i>Larix leptolepis (Larix kaempferi)</i>
	LI	linden, little leaf	<i>Tilia cordata</i>
X	LO	locust (black and/or honey)	-----
	Mb	maple, black	<i>Acer nigrum</i> ( <i>Acer saccharum</i> var. <i>nigrum</i> )
	Mf	maple, freeman	<i>Acer X freemanii</i>
X	Mh	maple, hard (sugar maple or hard maple)	<i>Acer saccharum</i>
	Mm	maple, Manitoba (or box elder)	<i>Acer negundo</i>
	Mn	maple, Norway	<i>Acer platanoides</i>
	Mo	mulberry, red	<i>Morus rubra</i>

Interp	Code	Common Name	Scientific Name
	Mp	maple, striped	<i>Acer pensylvanicum</i>
X	Mr	maple, red (soft maple)	<i>Acer rubrum</i>
X	Ms	maple, silver	<i>Acer saccharinum</i>
	Mt	maple, mountain	<i>Acer spicatum</i>
X	MX	maple, any / mix	<i>Acer spp.</i>
	Ob	oak, bur	<i>Quercus macrocarpa</i>
	Obl	oak, black	<i>Quercus nigra (Quercus velutina)</i>
X	OC	conifers, other	-----
	Och	oak, Chinquapin (or yellow)	<i>Quercus muehlenbergii</i>
X	OH	hardwoods, other	-----
	Op	oak, pin (or swamp)	<i>Quercus palustris</i>
X	Or	oak, red (or northern red)	<i>Quercus rubra</i>
	Os	oak, shumard's (or swamp red)	<i>Quercus shumardii</i>
	Osw	oak, swamp white	<i>Quercus bicolour</i>
X	Ow	oak, white	<i>Quercus alba</i>
X	OX	oak, any / mix	<i>Quercus spp.</i>
	Pa	pawpaw	<i>Asimina triloba</i>
X	Pb	poplar, balsam	<i>Populus balsamifera</i>
	Pc	poplar, Carolina	<i>Populus X canadensis</i>
X	Pd	cottonwood, Eastern	<i>Populus deltoides</i>
	Pe	poplar, silver (or European white or white)	<i>Populus alba</i>
	Ph	poplar, hybrid	<i>Populus</i>
X	Pj	pine, jack	<i>Pinus banksiana</i>
X	Pl	aspen, largetooth	<i>Populus grandidentata</i>
	Pn	pine, Austrian or black	<i>Pinus nigra</i>
X	PO	poplar, any / mix	<i>Populus spp.</i>
	Pp	pine, pitch	<i>Pinus rigida</i>
X	Pr	pine, red	<i>Pinus resinosa</i>
X	Ps	pine, scots	<i>Pinus sylvestris</i>
X	Pt	aspen, trembling	<i>Populus tremuloides</i>
X	Pw	pine, white [eastern white]	<i>Pinus strobus</i>
X	PX	pine, any / mix	<i>Pinus spp.</i>
	Red	redbud	<i>Cercis canadensis</i>
X	Sb	spruce, black	<i>Picea mariana</i>
	Sc	spruce, Colorado (or blue)	<i>Picea pungens</i>

---

**Appendix 1****Tabular Attribute Descriptions**

---

Interp	Code	Common Name	Scientific Name
	Sk	spruce, koyama	<i>Picea koyamae</i>
	Sn	spruce, Norway	<i>Picea abies</i>
	Sr	spruce, red	<i>Picea rubens</i>
	Ss	sassafras	<i>Sassafras albidum</i>
X	Sw	spruce, white	<i>Picea glauca</i>
X	SX	spruce, any / mix	<i>Picea spp.</i>
	Sy	sycamore	<i>Platanus occidentalis</i>
	Tp	tulip tree	<i>Liriodendron tulipifera</i>
X	Wb	walnut, black	<i>Juglans nigra</i>
X	Wi	willow, any / mix	<i>Salix spp.</i>

## A1.14 OLEADSPC

Descriptive Name: Overstorey Leading Species

Definition: The **overstorey leading species** attribute indicates the most prevalent species in the forest stand (or in just the uppermost canopy layer if the stand canopy contains two or more distinct layers) based on interpreted basal area.

Format: character 3

- use the same coding as is listed in the OSPCOMP (overstorey species composition) attribute description
- must be species listed in the overstorey species composition (OSPCOMP)

**Note:** This leading species attribute replaces the working group attribute (WG) that was present in previous inventory products for determining the major species to manage for in a forest stand. The field is a derived attribute from the lead species in the overstorey species composition. Where species, like largetooth aspen and trembling aspen, are combined to make a poplar grouping (PO) that have impacts on the assigned ecosite assignment then the OLEADSPC attribute does not represent the first species in the OSPCOMP.