Appendix A–Vegetation Maps

Contents

Root Disease Map

Potential Vegetation Types Maps

Hungry Horse Geographic Area (GA)

Middle Fork GA

North Fork PVT GA

Salish Mountains GA

South Fork GA

Swan Valley GA

Vegetation Dominance Type Maps

Hungry Horse GA

Middle Fork GA

North Fork GA

Salish Mountains GA

South Fork GA

Swan Valley GA

Forest Size Structure Maps

Hungry Horse GA

Middle Fork GA

North Fork GA

Salish Mountains GA

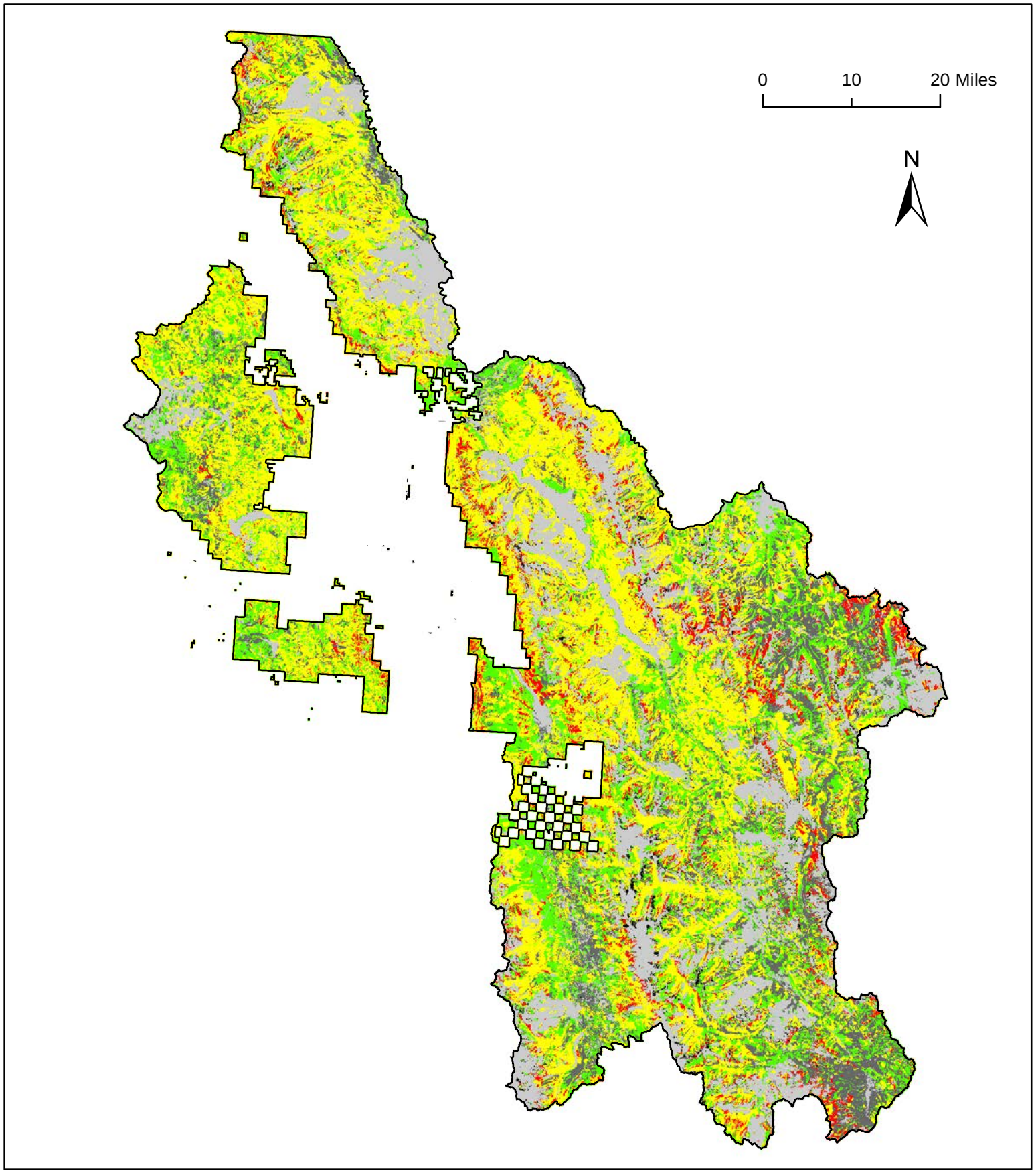
South Fork GA

Swan Valley GA

Region 1 Root Disease Hazard Rating

High
Mod
None
Flathead NF Boundary
Low
Non-Forest
Not-Rated

January 2014



Flathead National Forest
Hungry Horse Geographic Area
Potential Vegetation Types (PVTs)
February, 2014

1:191,982

North Fork
Middle Fork
Hungry Horse
Salish Mountains
Swan Valley
South Fork

Apgar
West Glacier
Nyack
Coram
Martin City
Hungry Horse
Columbia Falls
Columbia Heights
Creston
Bigfork
Ferndale
Woods Bay
Swan Lake
Essex

2
206
35

Legend

GeographicAreas

Potential Vegetation Types

- COLD
- COOL MOD DRY
- COOL MOIST
- COOL WET
- WARM MOIST
- WARM DRY
- NonFor-Deciduous
- NonFor-Shrub
- NonFor-Grass
- NonFor-Rock/Barren
- NonFor-Developed Lands
- NonForest-Water
- Highways
- fs_offices
- Wilderness
- FNF Administered Lands

OwnershipTitle

- FOREST SERVICE
- NATIONAL PARK
- OTHER FOREST
- PLUM CREEK
- PRIVATE
- STATE

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Flathead National Forest
Middle Fork Geographic Area
Potential Vegetation Types (PVTs)
February, 2014

N
W E
S

1:310,000

Saint Mar
Lake McDonald
Apgar
West Glacier
Nyack
Kiowa
Browning
East Glacier Park
Summit
Essex
2
Hungry Horse
Middle Fork
South Fork
Salmon Prairie

Legend

GeographicAreas

Potential Vegetation Types

- COLD
- COOL MOD DRY
- COOL MOIST
- COOL WET
- WARM MOIST
- WARM DRY
- NonFor-Deciduous
- NonFor-Shrub
- NonFor-Grass
- NonFor-Rock/Barren
- NonFor-Developed Lands
- NonForest-Water
- Highways
- fs_offices
- Wilderness
- FNF Administered Lands

OwnershipTitle

- FOREST SERVICE
- NATIONAL PARK
- OTHER FOREST
- PLUM CREEK
- PRIVATE
- STATE

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Flathead National Forest
North Fork Geographic Area
Potential Vegetation Types (PVTs)
February, 2014

N
W E
S

1:200,000

Trailcreek

Polebridge

North Fork

Olney

93

Salish Mountains

Whitefish

Halfmoon

Coram

Martin City

Hungry Horse

Columbia Falls

Columbia Heights

40

2

Hungry Horse

Rhodes

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Legend

GeographicAreas

Potential Vegetation Types

- COLD
- COOL MOD DRY
- COOL MOIST
- COOL WET
- WARM MOIST
- WARM DRY
- NonFor-Deciduous
- NonFor-Shrub
- NonFor-Grass
- NonFor-Rock/Barren
- NonFor-Developed Lands
- NonForest-Water
- Highways
- fs_offices
- Wilderness
- FNF Administered Lands

OwnershipTitle

- FOREST SERVICE
- NATIONAL PARK
- OTHER FOREST
- PLUM CREEK
- PRIVATE
- STATE

Flathead National Forest
Salish Mountains Geographic Area
Potential Vegetation Types (PVTs)
February, 2014

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North Fork

Salish Mountains

Hungry Horse

Swan Valley

Fortine
Trego
Stryker
Olney
Polebridge
Whitefish
Halfmoon
Coram
Martin City
Hungry Horse
Columbia Falls
Columbia Heights
Rhodes
Evergreen
Kalispell
Creston
Kila
Marion
Somers
Bigfork
Lakeside
Woods Bay
Rollins
Proctor
Dayton

93
2
40
206
35

Legend

GeographicAreas

Potential Vegetation Types

- COLD
- COOL MOD DRY
- COOL MOIST
- COOL WET
- WARM MOIST
- WARM DRY
- NonFor-Deciduous
- NonFor-Shrub
- NonFor-Grass
- NonFor-Rock/Barren
- NonFor-Developed Lands
- NonForest-Water
- Highways
- fs_offices
- Wilderness
- FNF Administered Lands

OwnershipTitle

- FOREST SERVICE
- NATIONAL PARK
- OTHER FOREST
- PLUM CREEK
- PRIVATE
- STATE

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Flathead National Forest
South Fork Geographic Area
Potential Vegetation Types (PVTs)
February, 2014

Hungry Horse

Middle Fork

South Fork

Swan Valley

Condon

83

1:262,091

N
W
E
S

Legend

GeographicAreas

Potential Vegetation Types

- COLD
- COOL MOD DRY
- COOL MOIST
- COOL WET
- WARM MOIST
- WARM DRY
- NonFor-Deciduous
- NonFor-Shrub
- NonFor-Grass
- NonFor-Rock/Barren
- NonFor-Developed Lands
- NonForest-Water
- Highways
- fs_offices
- Wilderness
- FNF Administered Lands

OwnershipTitle

- FOREST SERVICE
- NATIONAL PARK
- OTHER FOREST
- PLUM CREEK
- PRIVATE
- STATE

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Flathead National Forest
Swan Valley Geographic Area
Potential Vegetation Types (PVTs)
February, 2014

Middle Fork
1:300,000

Salish Mountains

Hungry Horse

Swan Valley

South Fork

Summit
Evergreen
Kalispell
Creston
Somers
Bigfork
Ferndale
Lakeside
Woods Bay
Swan Lake
Rollins
Proctor
Dayton
Elmo
Big Arm
Polson
Pablo
Salmon Prairie
Condon
Ronan
Saint Ignatius
Dixon

93
206
2
35
83

N
W
E
S

Legend

GeographicAreas

Potential Vegetation Types

- COLD
- COOL MOD DRY
- COOL MOIST
- COOL WET
- WARM MOIST
- WARM DRY
- NonFor-Deciduous
- NonFor-Shrub
- NonFor-Grass
- NonFor-Rock/Barren
- NonFor-Developed Lands
- NonForest-Water
- Highways
- fs_offices
- Wilderness
- FNF Administered Lands

OwnershipTitle

- FOREST SERVICE
- NATIONAL PARK
- OTHER FOREST
- PLUM CREEK
- PRIVATE
- STATE

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Flathead National Forest
Hungry Horse Geographic Area
Vegetation Dominance Types
February, 2014

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N
W E
S

North Fork

Middle Fork

Hungry Horse

Salish Mountains

Swan Valley

South Fork

Apgar
West Glacier
Nyack
Coram
Martin City
Hungry Horse
Columbia Falls
Columbia Heights
Essex
Creston
Ferndale
Swan Lake

2
206
35

Legend

GeographicAreas

HH Vegetation Dominance Type

- Sparse Vegetation
- Grass/Shrub
- Transitional Forest (seed/sapl)
- Ponderosa Pine
- Douglas-fir
- Grand fir/Cedar
- Western Larch
- Lodgepole Pine
- Subalpine Fir/Spruce
- Whitebark pine
- Hardwood (Cottonwood/aspen)
- Water
- Highways
- fs_offices
- Wilderness
- FNF Administered Lands

OwnershipTitle

- FOREST SERVICE
- NATIONAL PARK
- OTHER FOREST
- PLUM CREEK
- PRIVATE
- STATE

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Flathead National Forest
Middle Fork Geographic Area
Vegetation Dominance Types
February, 2014

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N
W E
S

Saint Mary
Lake McDonald
Apgar
West Glacier
Nyack
Kiowa
Browning
East Glacier Park
Summit
Essex
2
Hungry Horse
Middle Fork
South Fork
Salmon Prairie

Legend

GeographicAreas

MF Vegetation Dominance Type

- Sparse Vegetation
- Grass/Shrub
- Transitional Forest (seed/sapl)
- Ponderosa Pine
- Douglas-fir
- Grand fir/Cedar
- Western Larch
- Lodgepole Pine
- Subalpine Fir/Spruce
- Whitebark pine
- Hardwood (Cottonwood/aspen)
- Water
- Highways
- fs_offices
- Wilderness
- FNF Administered Lands

OwnershipTitle

- FOREST SERVICE
- NATIONAL PARK
- OTHER FOREST
- PLUM CREEK
- PRIVATE
- STATE

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Flathead National Forest
North Fork Geographic Area
Vegetation Dominance Types
February, 2014

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N
W E
S

North Fork

Salish Mountains

Hungry Horse

Trailcreek
Polebridge
Olney
Whitefish
Halfmoon
Columbia Falls
Columbia Heights
Hungry Horse
Martin City
Coram
Rhodes

93
40
2
93

Legend

GeographicAreas

NF Vegetation Dominance Type

- Sparse Vegetation
- Grass/Shrub
- Transitional Forest (seed/sapl)
- Ponderosa Pine
- Douglas-fir
- Grand fir/Cedar
- Western Larch
- Lodgepole Pine
- Subalpine Fir/Spruce
- Whitebark pine
- Hardwood (Cottonwood/aspen)
- Water
- Highways
- fs_offices
- Wilderness
- FNF Administered Lands

OwnershipTitle

- FOREST SERVICE
- NATIONAL PARK
- OTHER FOREST
- PLUM CREEK
- PRIVATE
- STATE

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Flathead National Forest
Salish Mountains Geographic Area
Vegetation Dominance Types
February, 2014

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N
W E
S

Legend

GeographicAreas

SM Vegetation Dominance Type

- Sparse Vegetation
- Grass/Shrub
- Transitional Forest (seed/sapl)
- Ponderosa Pine
- Douglas-fir
- Grand fir/Cedar
- Western Larch
- Lodgepole Pine
- Subalpine Fir/Spruce
- Whitebark pine
- Hardwood (Cottonwood/aspen)
- Water
- Highways
- fs_offices
- Wilderness
- FNF Administered Lands

OwnershipTitle

- FOREST SERVICE
- NATIONAL PARK
- OTHER FOREST
- PLUM CREEK
- PRIVATE
- STATE

Fortine
Trego
Stryker
Olney
Whitefish
Halfmoon
Coram
Martin City
Hungry Horse
Columbia Falls
Columbia Heights
Rhodes
Evergreen
Kalispell
Creston
Kila
Marion
Somers
Bigfork
Lakeside
Woods Bay
Rollins
Proctor
Dayton

North Fork
Salish Mountains
Hungry Horse
Swan Valley

93
40
2
206
35

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Flathead National Forest
South Fork Geographic Area
Vegetation Dominance Types
February, 2014

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N
W E
S

Hungry Horse

Middle Fork

South Fork

Swan Valley

83

Condon

Legend

GeographicAreas

SF Vegetation Dominance Type

- Sparse Vegetation
- Grass/Shrub
- Transitional Forest (seed/sapl)
- Ponderosa Pine
- Douglas-fir
- Grand fir/Cedar
- Western Larch
- Lodgepole Pine
- Subalpine Fir/Spruce
- Whitebark pine
- Hardwood (Cottonwood/aspen)
- Water
- Highways
- fs_offices
- Wilderness
- FNF Administered Lands

OwnershipTitle

- FOREST SERVICE
- NATIONAL PARK
- OTHER FOREST
- PLUM CREEK
- PRIVATE
- STATE

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Flathead National Forest
Swan Valley Geographic Area
Vegetation Dominance Types
February, 2014

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N
W E
S

Salish Mountains

Hungry Horse

Middle Fork

Swan Valley

South Fork

Kalispell
Evergreen
Creston
Somers
Bigfork
Ferndale
Lakeside
Woods Bay
Rollins
Proctor
Dayton
Elmo
Big Arm
Polson
Pablo
Swan Lake
Salmon Prairie
Condon
Summit
Ignatius

93
2
206
35
83

Legend

GeographicAreas

SV Vegetation Dominance Type

- Sparse Vegetation
- Grass/Shrub
- Transitional Forest (seed/sapl)
- Ponderosa Pine
- Douglas-fir
- Grand fir/Cedar
- Western Larch
- Lodgepole Pine
- Subalpine Fir/Spruce
- Whitebark pine
- Hardwood (Cottonwood/aspen)
- Water
- Highways
- fs_offices
- Wilderness
- FNF Administered Lands

OwnershipTitle

- FOREST SERVICE
- NATIONAL PARK
- OTHER FOREST
- PLUM CREEK
- PRIVATE
- STATE

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Flathead National Forest
Hungry Horse Geographic Area
Forest Size Classes (Structure)
February, 2014

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N
W E
S

North Fork

Middle Fork

Hungry Horse

Salish Mountains

Swan Valley

South Fork

Apgar
West Glacier
Nyack
Coram
Martin City
Hungry Horse
Columbia Falls
Columbia Heights
Creston
Bigfork
Ferndale
Swan Lake
Essex

2
206
35

Legend

GeographicAreas

HH Forest Size Class (Structure)

- Seed/Sapl (<5" dbh) (Transitional Forest)
- Seed/Sapl (<5" dbh)
- Small Tree (5-9" dbh)
- Medium Tree (10-15" dbh)
- Large Tree (>15" dbh)
- Deciduous tree (Hardwood)
- Grass/Forb
- Shrub
- Sparse Vegetation (e.g.Rock)
- Water
- Highways
- fs_offices
- Wilderness
- FNF Administered Lands

OwnershipTitle

- FOREST SERVICE
- NATIONAL PARK
- OTHER FOREST
- PLUM CREEK
- PRIVATE
- STATE

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Flathead National Forest
Middle Fork Geographic Area
Forest Size Classes (Structure)
February, 2014

1:310,000

N
W E
S

Saint Mary
Lake McDonald
Apgar
West Glacier
Nyack
Kiowa
Browning
East Glacier Park
Summit
Essex
2
Hungry Horse
Middle Fork
South Fork
Salmon Prairie

Legend

GeographicAreas

MF Forest Size Class (Structure)

- Seed/Sapl (<5" dbh) (Transitional Forest)
- Seed/Sapl (<5" dbh)
- Small Tree (5-9" dbh)
- Medium Tree (10-15" dbh)
- Large Tree (>15" dbh)
- Deciduous tree (Hardwood)
- Grass/Forb
- Shrub
- Sparse Vegetation (e.g.Rock)
- Water
- Highways
- fs_offices
- Wilderness
- FNF Administered Lands

OwnershipTitle

- FOREST SERVICE
- NATIONAL PARK
- OTHER FOREST
- PLUM CREEK
- PRIVATE
- STATE

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Flathead National Forest
North Fork Geographic Area
Forest Size Classes (Structure)
February, 2014

1:200,000

N
W E
S

Trailcreek
Polebridge
North Fork
Olney
93
Salish Mountains
Whitefish
Halfmoon
Columbia Falls
Columbia Heights
Hungry Horse
Martin City
Coram
40
2
93
Rhodes

Legend

GeographicAreas

NF Forest Size Class (Structure)

- Seed/Sapl (<5" dbh) (Transitional Forest)
- Seed/Sapl (<5" dbh)
- Small Tree (5-9" dbh)
- Medium Tree (10-15" dbh)
- Large Tree (>15" dbh)
- Deciduous tree (Hardwood)
- Grass/Forb
- Shrub
- Sparse Vegetation (e.g.Rock)
- Water
- Highways
- fs_offices
- Wilderness
- FNF Administered Lands

OwnershipTitle

- FOREST SERVICE
- NATIONAL PARK
- OTHER FOREST
- PLUM CREEK
- PRIVATE
- STATE

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Flathead National Forest
Salish Mountains Geographic Area
Forest Size Classes (Structure)
February, 2014

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N
W E
S

Legend

GeographicAreas

SM Forest Size Class (Structure)

- Seed/Sapl (<5" dbh) (Transitional Forest)
- Seed/Sapl (<5" dbh)
- Small Tree (5-9" dbh)
- Medium Tree (10-15" dbh)
- Large Tree (>15" dbh)
- Deciduous tree (Hardwood)
- Grass/Forb
- Shrub
- Sparse Vegetation (e.g.Rock)
- Water
- Highways
- fs_offices
- Wilderness
- FNF Administered Lands

OwnershipTitle

- FOREST SERVICE
- NATIONAL PARK
- OTHER FOREST
- PLUM CREEK
- PRIVATE
- STATE

Fortine
Trego
Stryker
Olney
Whitefish
Halfmoon
Coram
Martin City
Hungry Horse
Columbia Falls
Columbia Heights
Rhodes
Evergreen
Kalispell
Creston
Kila
Marion
Somers
Bigfork
Lakeside
Woods Bay
Rollins
Proctor
Dayton

North Fork
Salish Mountains
Hungry Horse
Swan Valley

93
40
2
206
35

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Flathead National Forest
South Fork Geographic Area
Forest Size Classes (Structure)
February, 2014

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Hungry Horse

Middle Fork

South Fork

Swan Valley

Condon

83

W E S

Legend

GeographicAreas

SF Forest Size Class (Structure)

- Seed/Sapl (<5" dbh) (Transitional Forest)
- Seed/Sapl (<5" dbh)
- Small Tree (5-9" dbh)
- Medium Tree (10-15" dbh)
- Large Tree (>15" dbh)
- Deciduous tree (Hardwood)
- Grass/Forb
- Shrub
- Sparse Vegetation (e.g.Rock)
- Water
- Highways
- fs_offices
- Wilderness
- FNF Administered Lands

OwnershipTitle

- FOREST SERVICE
- NATIONAL PARK
- OTHER FOREST
- PLUM CREEK
- PRIVATE
- STATE

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Flathead National Forest
Swan Valley Geographic Area
Forest Size Classes (Structure)
February, 2014

1:300,000

N
W E
S

Salish Mountains

Hungry Horse

Middle Fork

Swan Valley

South Fork

Summit

Evergreen

Kalispell

Creston

Somers

Bigfork

Ferndale

Lakeside

Woods Bay

Swan Lake

Rollins

Proctor

Dayton

Elmo

Big Arm

Polson

Pablo

Salmon Prairie

Condon

Dixon

93
2
206
35
83

Legend

GeographicAreas

SV Forest Size Class (Structure)

- Seed/Sapl (<5" dbh) (Transitional Forest)
- Seed/Sapl (<5" dbh)
- Small Tree (5-9" dbh)
- Medium Tree (10-15" dbh)
- Large Tree (>15" dbh)
- Deciduous tree (Hardwood)
- Grass/Forb
- Shrub
- Sparse Vegetation (e.g.Rock)
- Water
- Highways
- fs_offices
- Wilderness
- FNF Administered Lands

OwnershipTitle

- FOREST SERVICE
- NATIONAL PARK
- OTHER FOREST
- PLUM CREEK
- PRIVATE
- STATE

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