

STAND AND PLOT DESCRIPTION FORM

1.Sugarbush__
 2.Undisturbed__

State/Prov. Plot Location
 UTM Town County
 Zone Easting Northing

REGIONAL DESCRIPTION:

Weather (Record from _____ station):
 Temperature: Annual mean _____ °C; Max. _____ °C; Min. _____ °C
 Precipitation: Annual mean _____ mm; Summer mean(May-Aug) _____ mm

Terrain (circle): 1.flat 2.hilly 3.mountainous Soil Series: _____

Watershed: water flows into _____ major river

SITE DESCRIPTION: Circle the code number or enter proper values

Landform: 1.ridgetop 2.spur ridge 3.noseslope 4.headslope 5.sideslope
 6.cove 7. draw 8.flat

Slope position: 1.summit 2.shoulder 3.backslope 4.footslope 5.terrace
 6.floodplain 7.flat

Slope % __ (nearest 1%) Elevation _____ m (nearest 10m)

Microrelief: 1.planar 2.concave 3.convex

Site exposure _____ °; (Use 0 for flat area)

Soil texture: 1.silt/clay 2.fine sand 3.medium sand 4. coarse sand
 5.fine gravel 6.coarse gravel 7.rocks

Soil drainage: 1.well drained 2.wet

Site rockiness: 1.one or none boulder in plot 2.two to 10 boulders,no bedrock
 3.bedrock showing, or more than 10 boulders

STAND DESCRIPTION:

Disturbance: 1.present 2.absent

Logging: 1.never 2.old 3.recent 4.current (last 5 years)

Forest type: 1.same 2.changed (assume same, unless sure of change)

Grazing: 1.no signs 2. old, but none now 3.current,light 4.current,heavy

Tapping: 1.currently active 2.at least once in last 5 years 3.older 4.none

Method: 1.bucket 2.gravity tube 3.vacuum tube 4.no chemicals used

5.chemicals used _____ (type) 6. combinations (Explain)

Vegetation:

Crown closure: 1.full (90%+) 2.moderate (10% to 50%) 3.open (less than 50%)

Crown structure: 1.single story 2. two story 3. multistory (3cm stems +)

Site quality (in relation to most sugar maple stands in the region):

1.average 2. worse 3.better

Stand age _____ years, based on _____ records.

NORTH AMERICAN SUGAR MAPLE PROJECT

PLOT-CLUSTER DISTURBANCE HISTORY

Region: _____ Cluster No.: _____

Year(s) of Disturbance: _____ Date Form Completed: _____

Name of Person Completing Form: _____

STAND DISTURBANCE(S): Yes _____ Unknown _____

IF YES:

Type of Disturbance: _____

a.) Period (dates) of disturbance: _____

b.) Severity: ___Light ___Moderate ___Severe ___Unknown

c.) Source of info., other details: _____

Key disturbances and desired details:

DROUGHT - duration, evidence, source of info.

DEFOLIATION - causal agent, severity (light, moderate, severe), source of info, dates of occurrence

LATE SPRING FROST - severity (light, moderate, severe), date of occurrence, temperature and duration, source of info.

SILVICULTURAL TREATMENT - treatment description (including residual basal area, if known), date of treatment, source of info.

ICE AND/OR WIND DAMAGE - severity (light, moderate, severe), date of occurrence, source of info.

Classification of Defoliation, Ice/Wind Damage, Frost Damage:

Light = 10-30% of crown; Moderate = > 30% < 60%;
Severe = > 60%

5/12/93

Appendix 7.21

North American Maple Project

FIELD DATA TRANSMITTAL FORM

FIELD CREW LEADER: _____ DATE: _____

No. plot-clusters: ___ No. pages: ___ Originals to: _____
(State/Province Coordinator)

No. copies retained: ___

STATE/PROVINCE COORDINATOR: _____ DATE RECEIVED: _____

Originals sent to Data Analyst ___ no. plot-clusters; ___ no. pgs. Date: _____

Copies sent to Nat'l Coord. ___ no. plot-clusters; ___ no. pgs. Date: _____

NATIONAL COORDINATOR: _____; DATE RECEIVED: _____

___ no. plot-clusters; ___ no. pgs.

DATA ANALYST: _____; DATE RECEIVED: _____

___ no. plot-clusters; ___ no. pgs.

Notes: Record any corrections made by any of the reviewers for items such as missing data, missing sheets, or data corrections (other than corrections made in the field). Initial and date when corrections are made on the field forms)