



M E M O

TO: Forest Protection Personnel
County Foresters

DATE: March 9, 1995

SUBJECT: Sugar Maple Phenology Data: Using *Field Guide for Monitoring Sugar Maple Bud Development* by Skinner, M. and B.L. Parker, Agric. Expt. Sta. Res. Rep. 70, VT FPR/VMC Res. Rep. 8, Oct 1994, 31 pp.

Brent recently sent you a copy of a new sugar maple phenology guide that describes leaf development from initial bud swell to leaf expansion. He suggested that it would be helpful to us to have each of you record the dates sugar maple trees in your area first reach each stage. For our records, only ground observations of lower canopy need be made, and these can be done without a spotting scope or other equipment. We are interested in both vegetative and flower development, but recognize that flower buds may not be visible or available for observation.

To make the collection and transfer of data easy, we have prepared the enclosed data postcards. Here are a few suggestions:

- Monitoring should begin prior to any sign of bud development in the spring. (eg., around March 27th)
- Give an estimate of the elevation where your observations are being made by referring to a topographical map.
- Examine the same tree or group of trees during monitoring. Pick trees that you go by every day so that observations are easy.
- Observations should be made every 3-5 days until buds begin to swell, and then every 2-3 days or daily if possible.
- On the data postcard, note the date of the first observation of each stage.
- Your observations are meaningful, even if they are incomplete. If you miss a described bud stage, don't worry. Record the next one that you observe.
- Mail your postcard to the lab when observations are complete.

1995 Sugar Maple Phenology
Ground Observation of Lower Canopy

Observer: _____
Town: _____ Elevation (est): _____

Type	Rate	Date	Comments
V	0		
V	1		
V	2		
V	3		
V	4		
V	5		
V	6		
V	7		
V	8		
F	0		
F	1		
F	2		
F	3		
F	4		
F	5		
F	6		
F	7		

1995 Sugar Maple Phenology
Ground Observation of Lower Canopy

Observer: _____
Town: _____ Elevation (est): _____

Type	Rate	Date	Comments
V	0		
V	1		
V	2		
V	3		
V	4		
V	5		
V	6		
V	7		
V	8		
F	0		
F	1		
F	2		
F	3		
F	4		
F	5		
F	6		
F	7		