

# Target Tailored Forest Damage Inventory (TFDI)

## Damage by bark beetle in Västernorrland 2012

**Dataset identifier:** <https://doi.org/10.5878/yx8y-fj42>

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**Report:** Wulff, S. & Hansson, P. (2013). Nationell riktad skadeinventering (NRS) 2012. Arbetsrapport 386. Institutionen för skoglig resurshushållning, Sveriges lantbruksuniversitet.

<https://res.slu.se/id/publ/51717>

**Instruction fieldwork:** Separate file (Only in Swedish)

### Data description:

#### Collected, assessed variables and calculated variables

##### PLOTDATA

Plotno

Date – Date of inventory YYYYMMDD

NFI year – Year when the NFI last time inventoried the sample plot before this inventory

Tract – Tract number

Sample plot – Sample plot number

Sub sample plot – Sub sample plot number (0=one plot)

County – 7=Ångermanland; 8=Medelpad

Inventory – Is the plot measured? 1=Yes; 2=No - sample plot not found; 3= No - Not forestland, a real change in land use class; 4=No - Whole plot clear cut; 5=No - Other reason (give explanation); 6=No – No Norway spruces left on the sample plot; 7=Yes – But only a few remaining trees; 8=Yes – But with a new stand edge (season 0 – 2) stand edge within 25 m

Plot area percent – Current proportion of sample plot

Plot area m<sup>2</sup> – Area of sample plot

Proportion of Norway spruce – Proportion of Norway spruce at plot level in tenths

Maturity class - Maturity class (see NFI instructions for description)

GPS-East Scrambled (SWEREF99, scrambled +/- 200 - 800 m)

GPS-North Scrambled (SWEREF99, scrambled +/- 200 - 800 m)

Proportion of trees damaged 10m radius – Proportion of trees damaged by bark beetle at sample plot with 10m radius: The variable was removed during the inventory, No data

Proportion of trees damaged 25m radius – Proportion of trees damaged by bark beetle at sample plot with 25m radius: The variable was removed during the inventory, No data

Wind thrown trees – No of fresh wind thrown trees: The variable was removed during the inventory, No data

Other info – Other information free text in Swedish: No data

## TREEDATA

Plotno

Treeno

Within 10m – Within plot 10 m radius (1=yes; 0=no)

Dead – Dead tree (1=yes; 0=no)

Position – 1=standing tree; 2= Wind thrown tree; 3=Stump

Diameter – Diameter at breast height

Bark beetle – Damage by bark beetle specie GBB=European spruce bark beetle (*Ips thypographus*); DOB= Four eyed spruce bark beetle (*Polygraphus poligraphus*); GBBDOB=both European spruce bark beetle (*Ips thypographus*) and Four eyed spruce bark beetle (*Polygraphus poligraphus*)

Season – Damage season. A season is from spring budding one year to the budding the next year. 0=present season; 1=last season; 2=two seasons ago; 3= season 2 or older; 4= season 3 or older.

Edge - Distance from tree to stand edge or gap in the forest (0=in the edge; 5=1-5 m; 10=6-10 m; 15=11-15 m; 20=16-20 m; 25=21-25 m; 26=>25 m; NULL=Missing data)

Height – Estimated height by height function RuneOlla (Ollas, R. 1980. Nya utbytesfunktioner för träd och bestånd. Forskningsstiftelsen Skogsarbeten, Ekonomi nr 5. In Swedish.)

Volume – Volume in m<sup>3</sup> (Cubic meters standing volume)

Other info – Other information free text in Swedish: No data