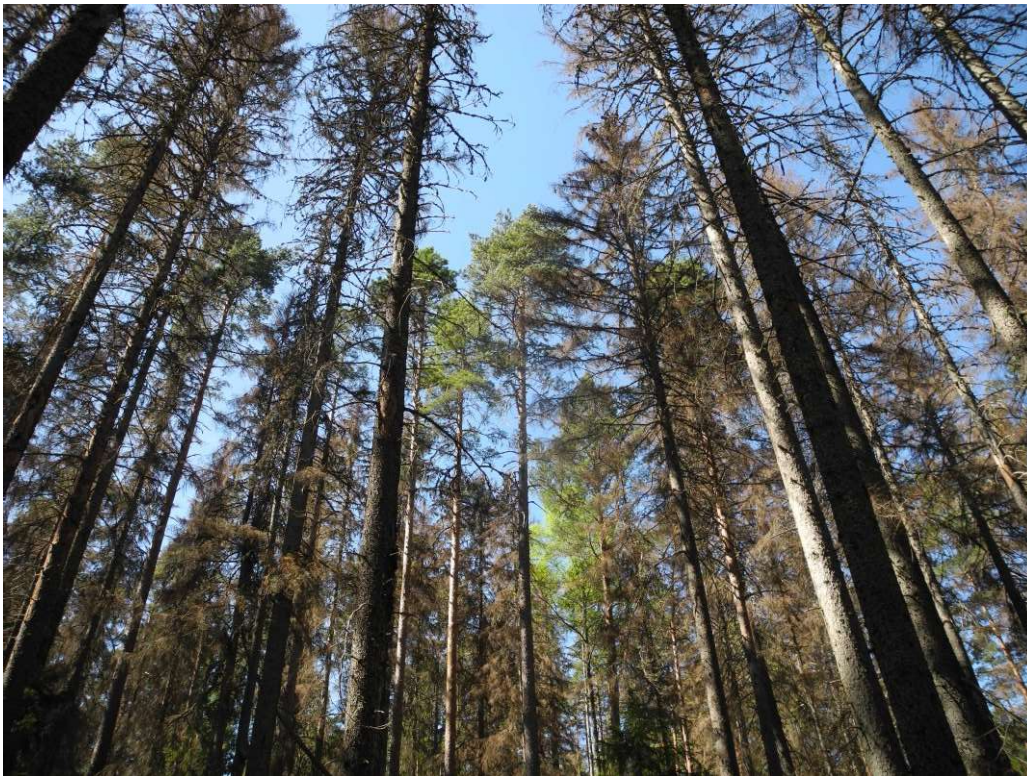


Situation in Sweden, part 1: biological considerations



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Disposition

- Ips typographus
- What happened?
- Natural enemies
- Nature reserves



Ips typographus

Granbarkborre



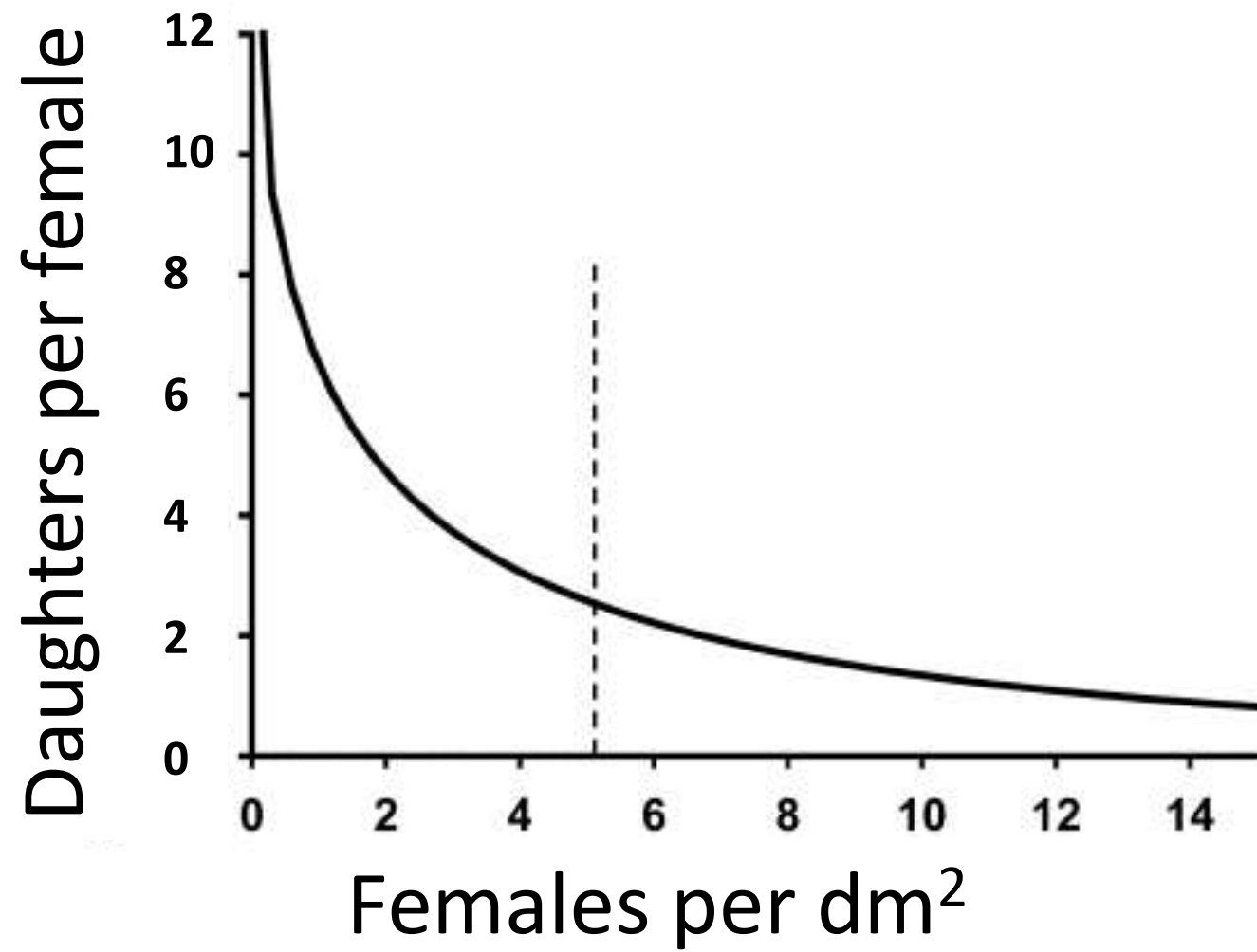
Foto: Göran Liljeberg



Foto:Åke Lindelöw



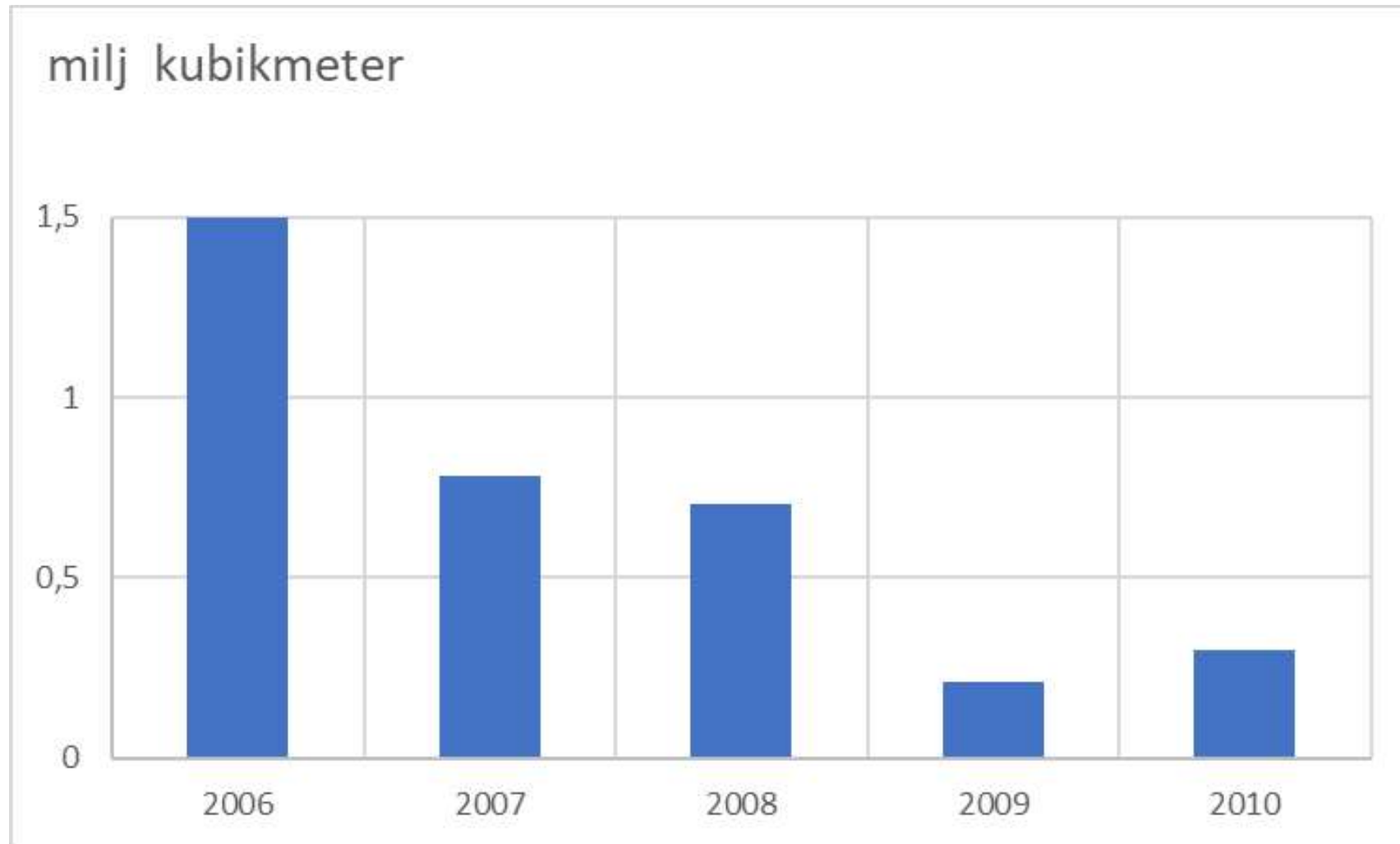
Foto:Åke Lindelöw



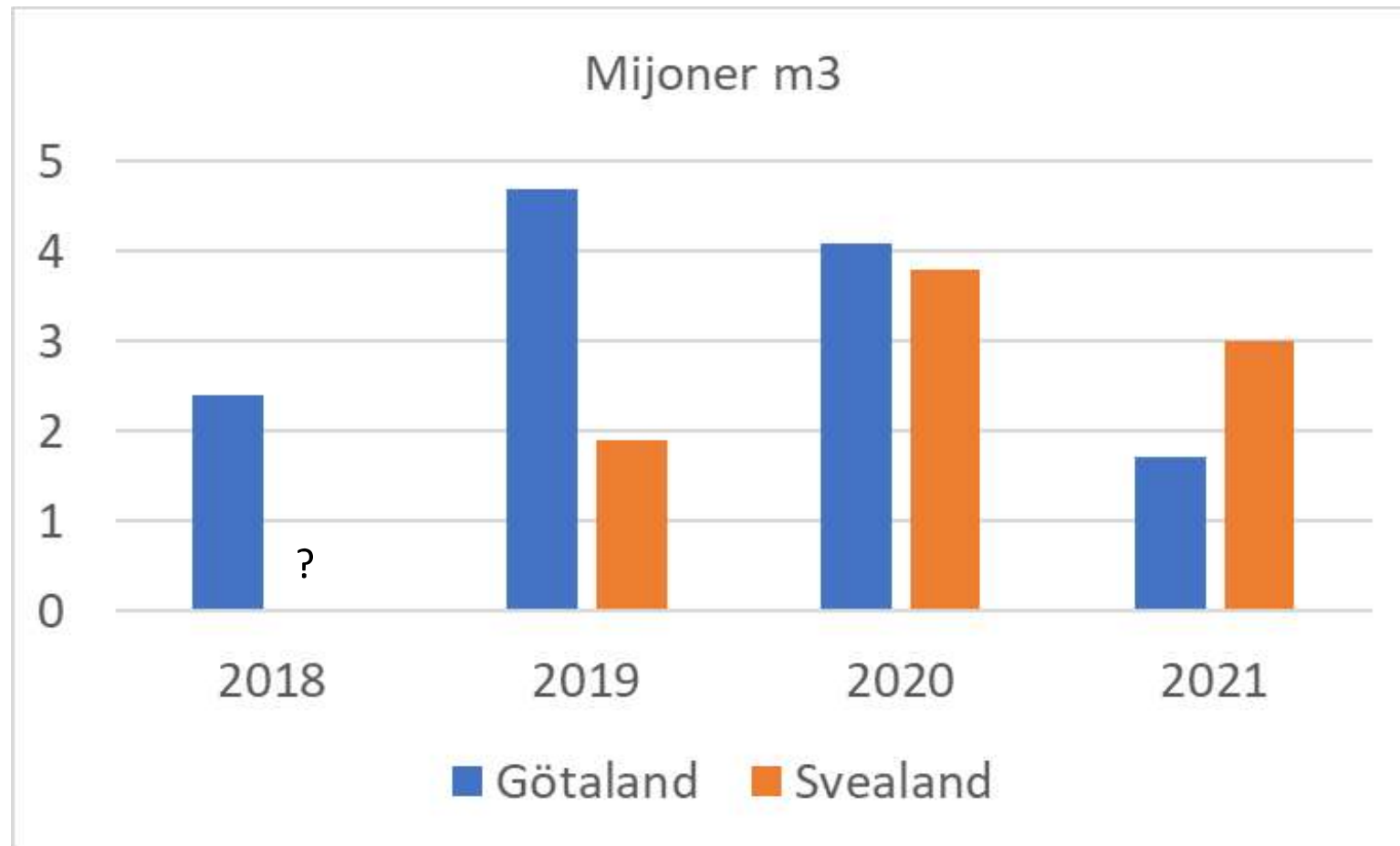
What happened?

And what next?

After “Gudrun” - total 3,5 mill. m³



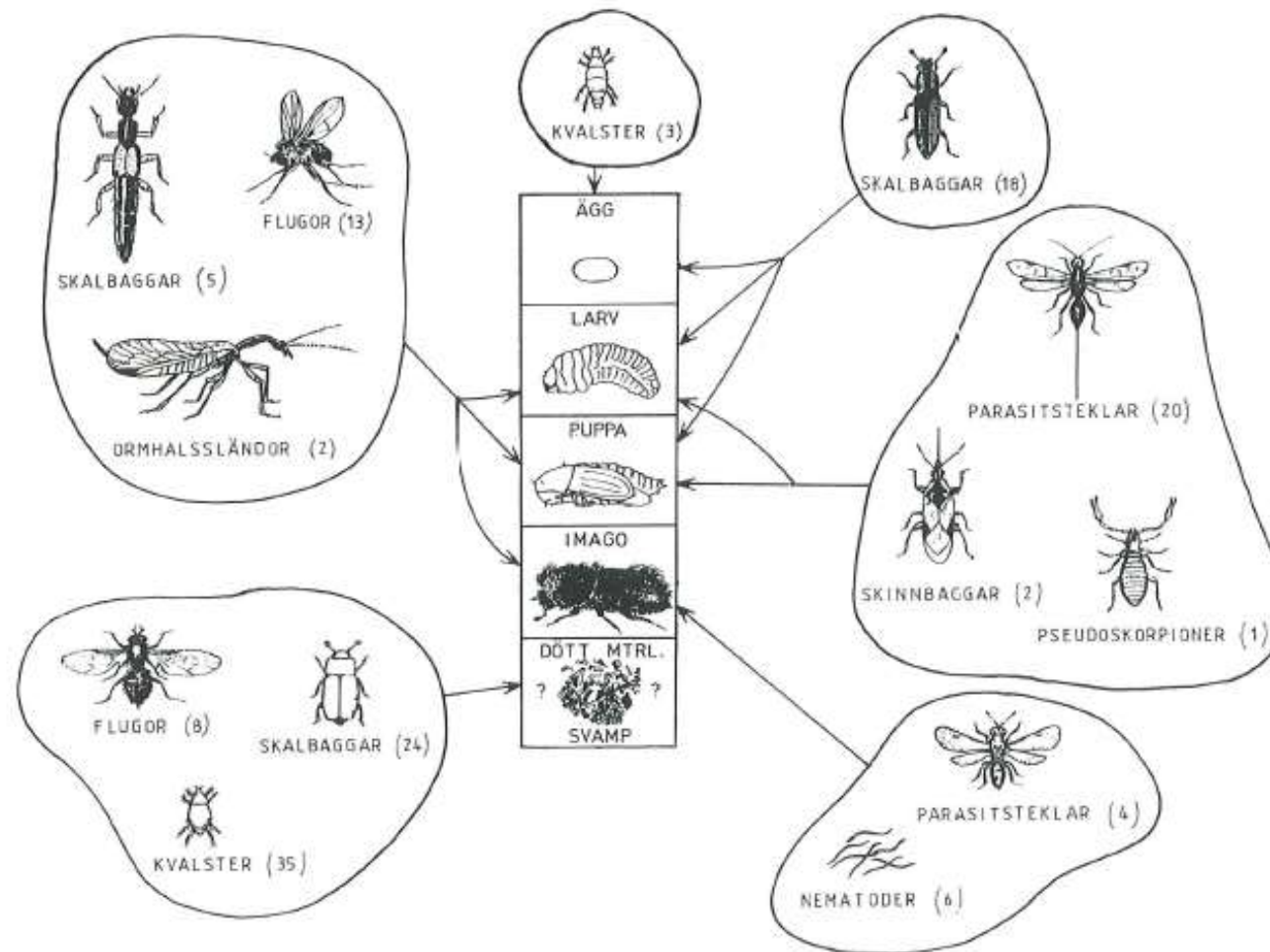
More than 20 million m³



Natural enemies



More than 140 species recorded in SBB galleries



Enemies are important
- but not drivers





Nature reserves and Ips typographus

Foto Kjell Molin



VÅR KUNSKAP
▼

PRODUKTER OCH EVENEMANG

TJÄNSTER

KONTAKT

Kunskapsbanken

Granbarkborrar i skyddad natur kan påverka lokalt men inte regionalt

Träd dödade av granbarkborre under sommaren 2019 i ett naturreservat i Uppland.

Foto: Martin Schroeder/SLU

Nature reserves - conclusions

- Not drivers of outbreaks -the area is so small
- Not possible to know where beetles come from
- Tree mortality can grow over the borders
- The risk declines rapidly with distance
- Problem for the nature reserve

Spruce defence is carbon-based

