

# Die Bedeutung von Schalenwildverbiss für die Artenvielfalt in Wäldern

Bad Wildungen, 30. März 2011

*Christian Ammer*



Abt. Waldbau und Waldökologie der gemäßigten Zonen der Universität Göttingen

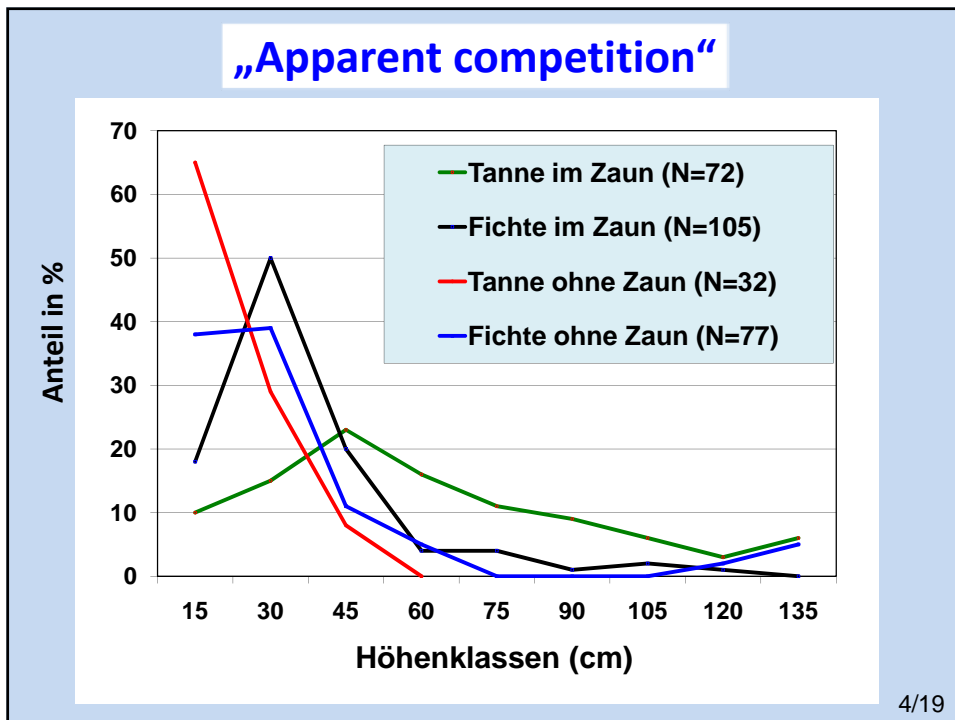
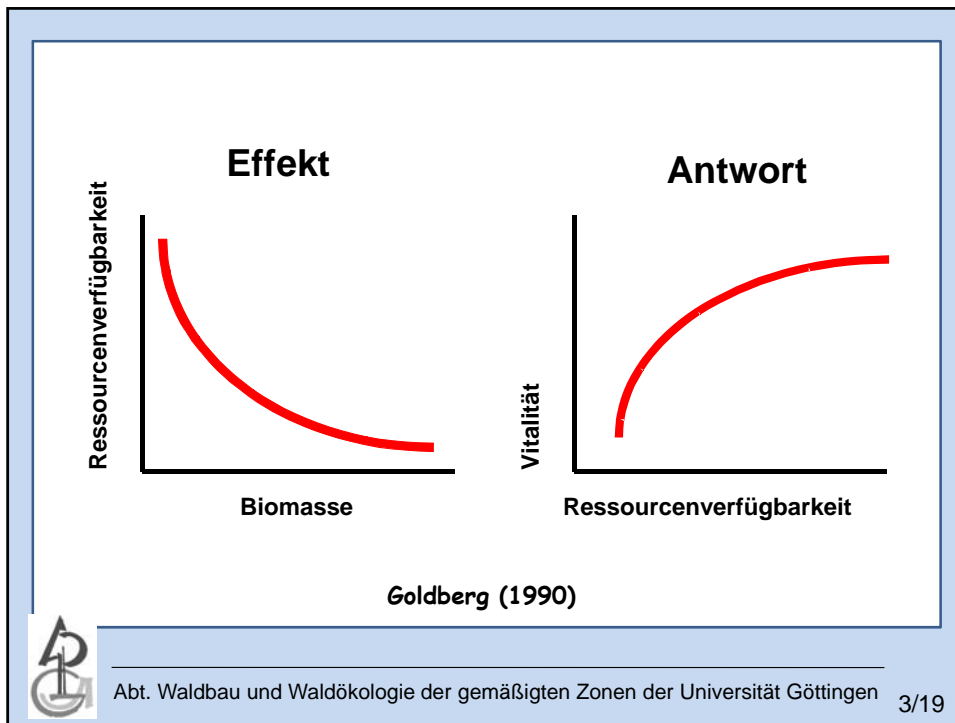
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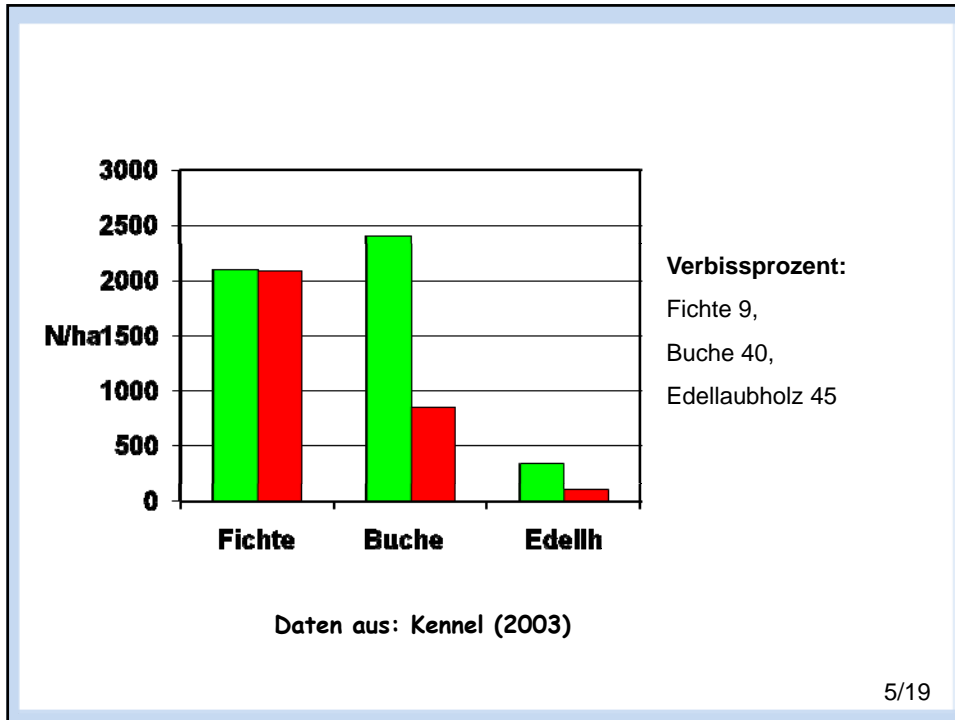
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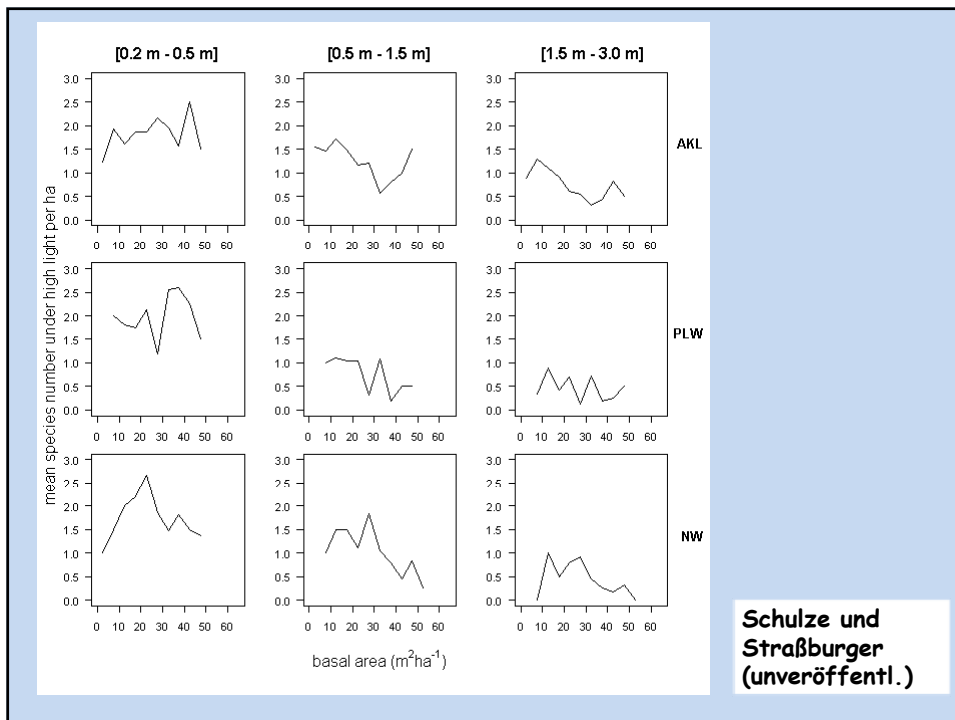


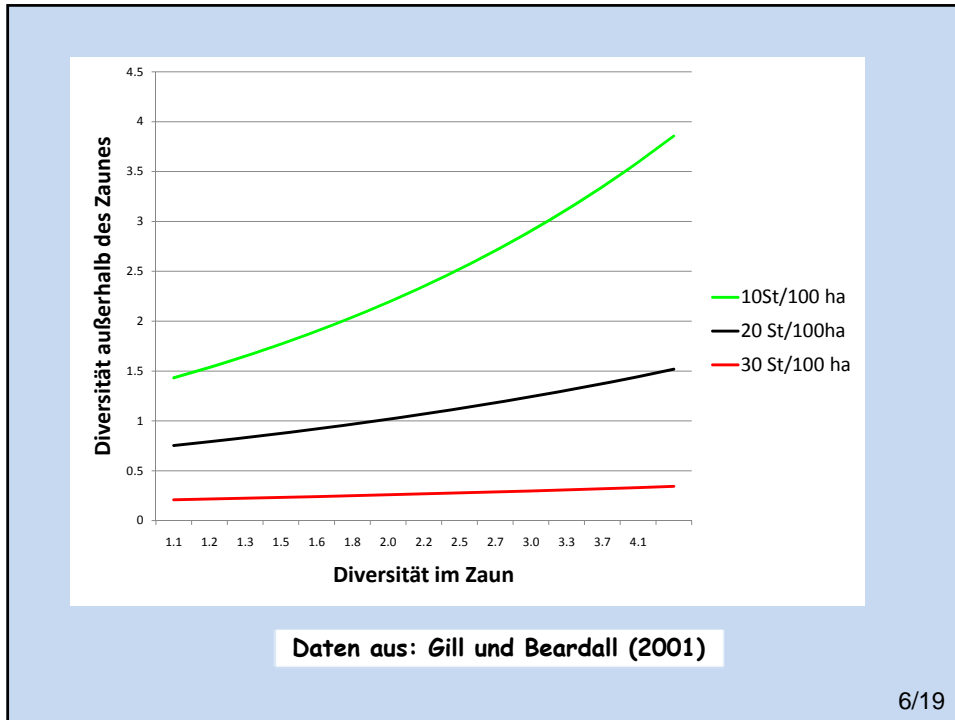
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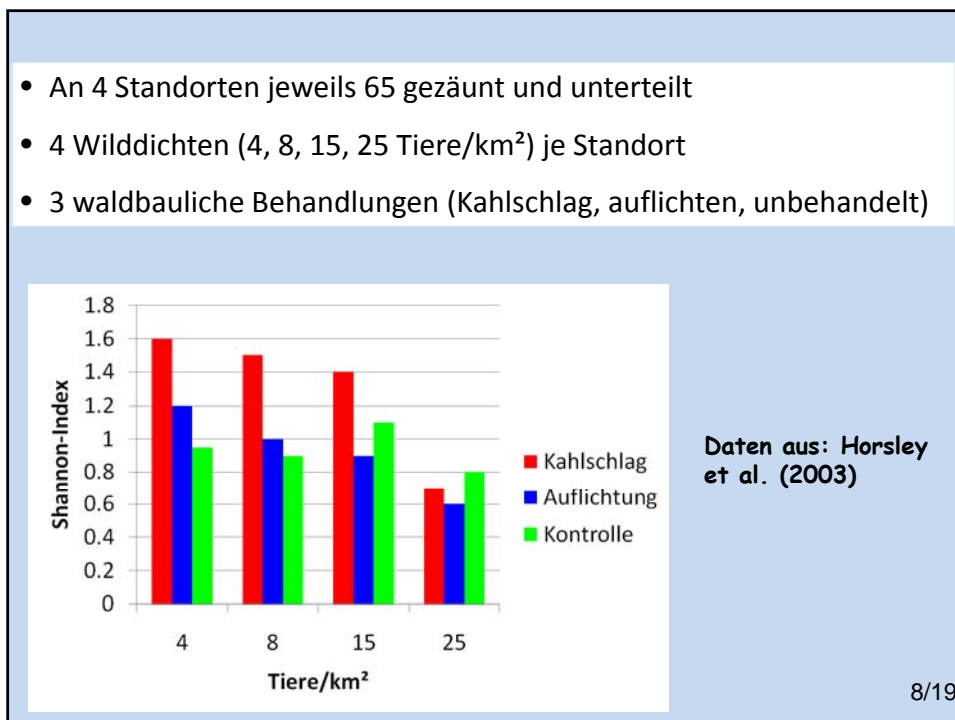


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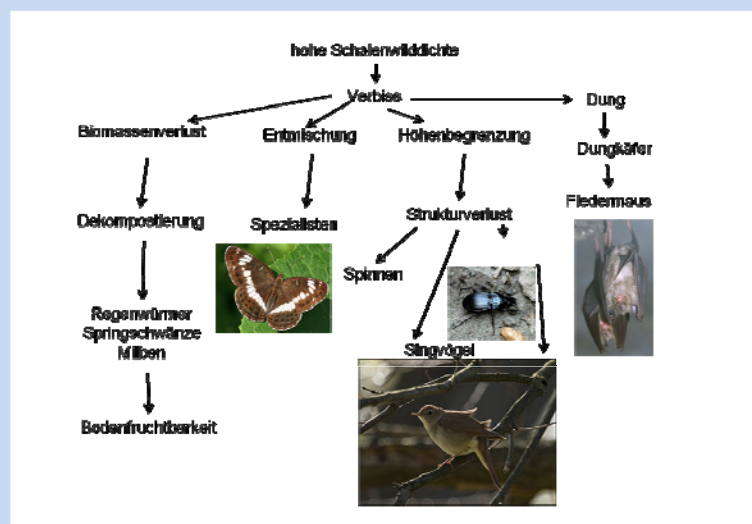
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- „The **threshold of deer** density for negative impacts on forest vegetation under our landscape condition was  $> \approx 8$  deer/km<sup>2</sup>“
- „Overall, the qualitative impacts of deer on species density, height growth, species diversity in enclosure studies were similar to those reported here. This suggests that **exclosure studies can be used** with some confidence to identify situations in which **deer impact** is changing the direction of vegetative community development“

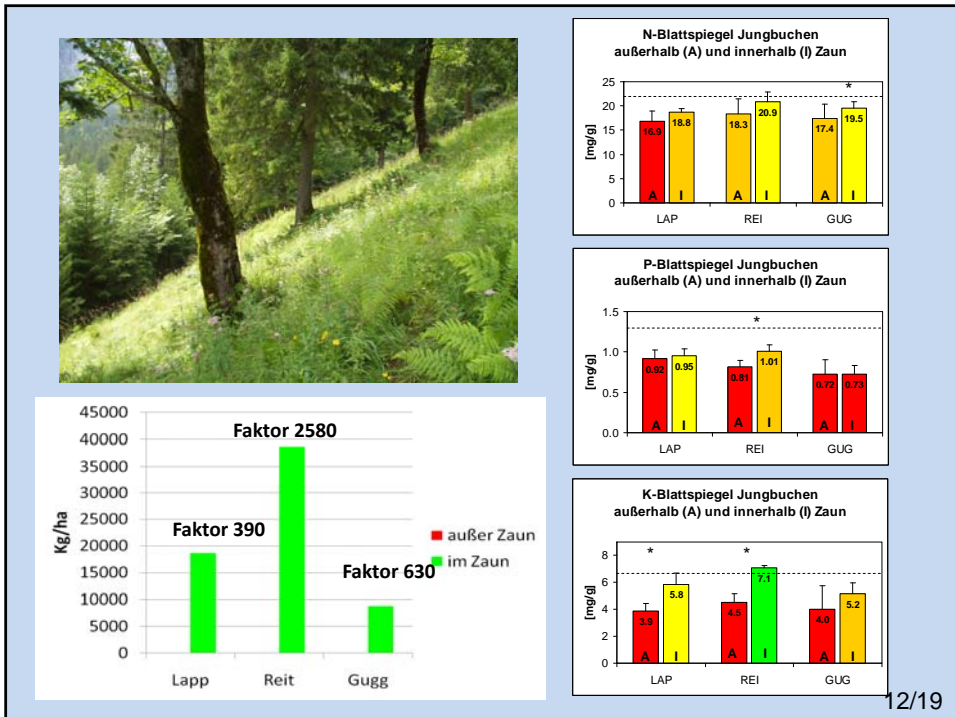
Horsley et al. (2003), Ecol. Applications 13: 98-118

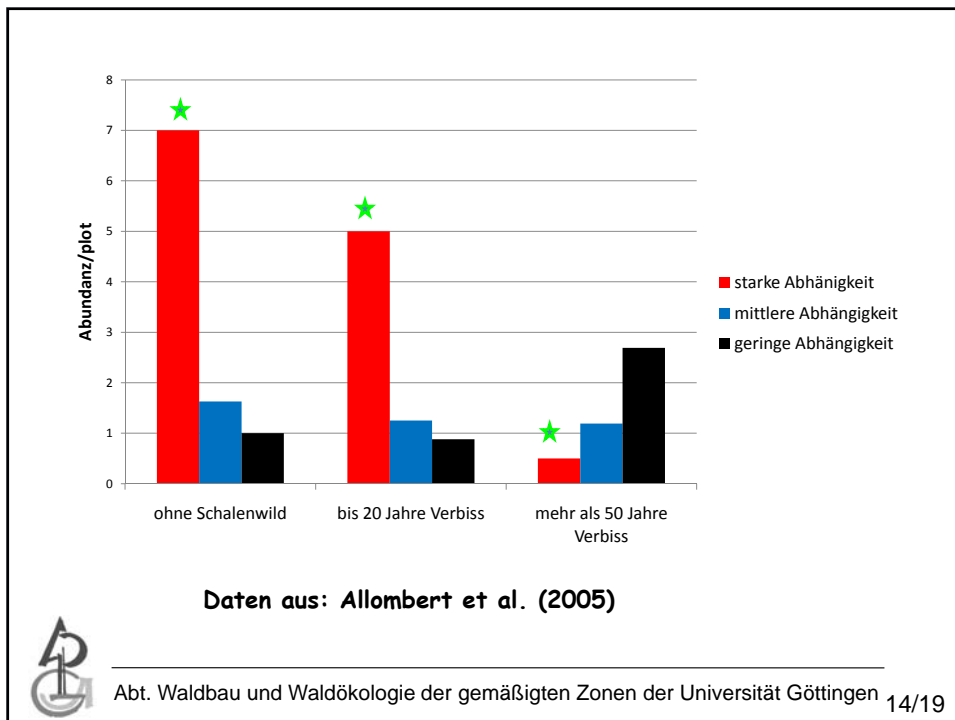
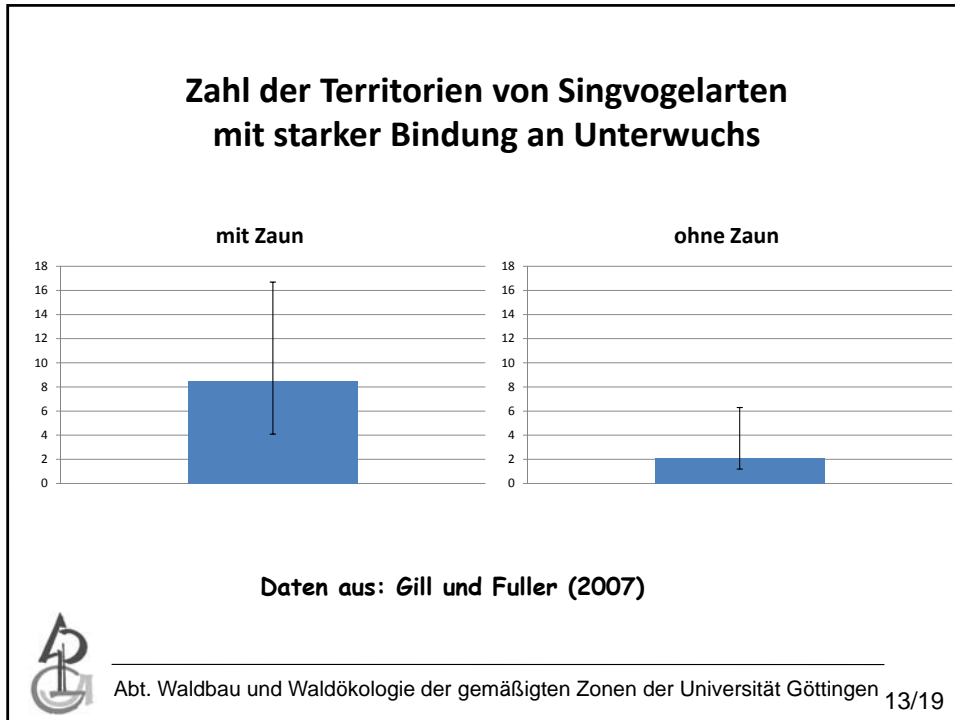
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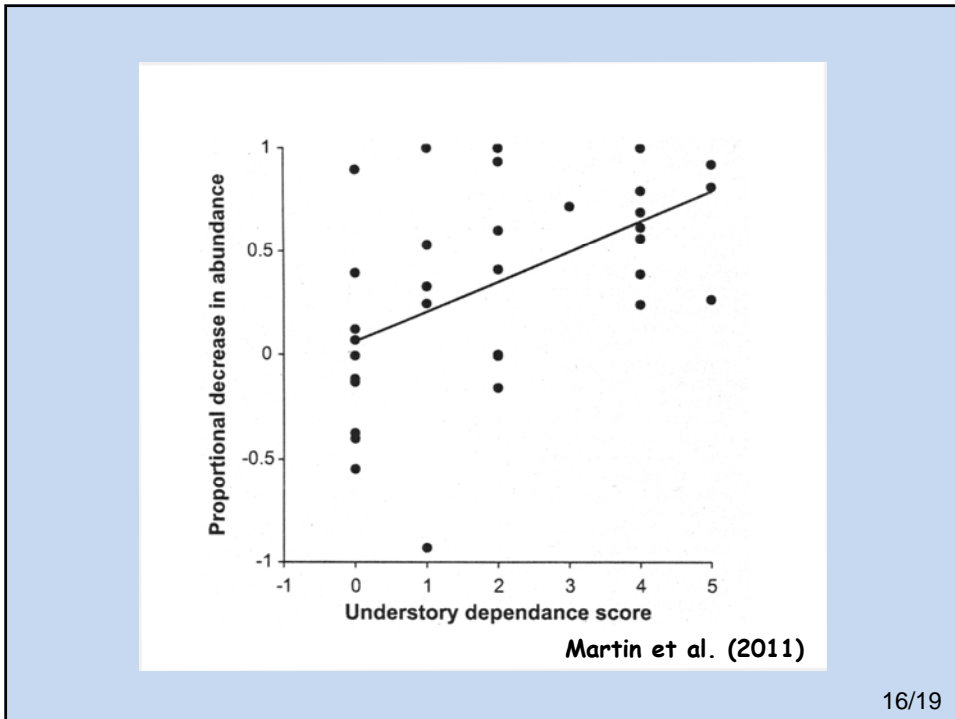
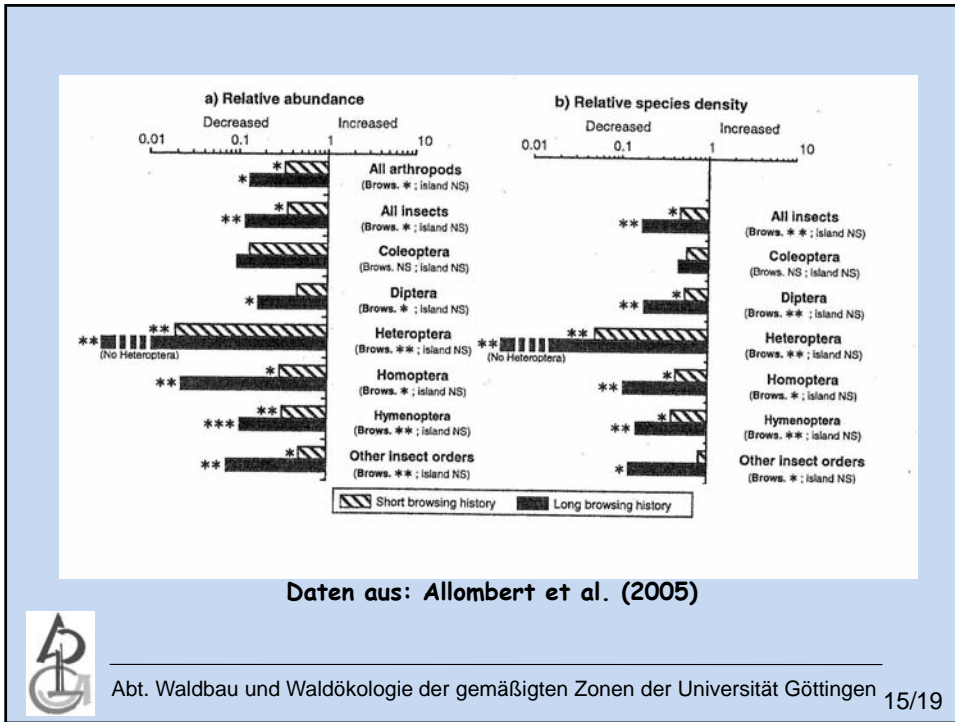
## Wildverbiss und Biodiversität



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- „Overall, our results and those of others on native plants indicate that **high browsing pressure simplifies native plant and bird communities**, reduces bird species abundance, and facilitates the introduction of **exotic competitors**.“
- „Given the **mythical status of deer** and antipathy towards hunting by many humans, a general sense of stewardship for plant and bird communities will need to be developed alongside a **public awareness of the deleterious impacts of deer** ... At present however, deer in the San Juan and Gulf Island archipelago are **browsing down our natural heritage**. In the absence of active management, high browsing pressure by deer can be expected to result in **local extinction** of herbaceous flora as well as iconic island birds“

Martin et al. (2011), *Biol. Conservation* 144: 459–469


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## Fazit und Fragen

Unterschiedliche Bewertung der **Tierarten**

Folgen von **Wildverbiss** auf die **Biodiversität** sind feststell-, aber nicht bewertbar

Was soll geschützt werden, die Entwicklung des **Natur-** oder des **Kulturerbes**?

- Neozoa
  - Offenes System – Zuzug und externe Nahrungsquelle
  - Fehlende Carnivoren („landscape of fear“)
- „Kultur Natur sein lassen?“**
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