

Dear Sirs,

We would like to express our gratitude for bringing to our attention the locations in need of technical corrections. The suggested changes have been implemented as requested for the first three items, and an alternative modification has been made for the fourth request.

L57: Delete double "in" -> "are found in boreal..."

AR: Done as requested.

L117: Insert space between NO₃- and under.

AR: Done as requested.

L118: Change "produced from NO₃- denitrification back to NH₄⁺ in such reductive conditions" to "produced during the dissimilatory reduction of NO₃- to NH₄⁺ (DNRA)", since this process is not called denitrification.

AR: Done as requested.

L501-502: Change "and currently, there is data from a very limited number of sites concerning, e.g., impacts of different cuttings" to "and currently there are only data from a very limited number of sites, e.g., on the effects of different thinning measures"

AR: Since conventional forest logging options include thinning and clear-felling (as applied in the studies in the provided two references), the wording has been slightly modified to include clear-felling as well. The revised phrase is: "and currently there are only data from a very limited number of sites, e.g., on the effects of different tree harvesting intensities"

In addition, we have removed some double spaces that were noticed and added two previously missing links to the references.

We hope that these modifications to the text are useful and align with your requests.

Sincerely,

Jyrki Jauhiainen

On behalf of the author team