

**Report Meeting Subcommittee Paleogene and Neogene Stratigraphy
Meeting KBIN, 09/12/2022**

Present: Rieko Adriaens, Jef Deckers, Katrien De Nil, Michiel Duser, Stijn Everaert, Rik Houthuys, Stephen Louwye, Marco Schiltz, Johan Vellekoop, Jasper Verhaegen, Kris Welkenhuysen

- Meeting Report previous meeting 28/03/2022: approved
- Yaana Bruneel is no longer a member of this subcommission as she holds a postdoctoral position in Sweden.
- The Neogene symposium and the excursion on the 19 and 20th of May was a success, with colleagues from Belgium, The Netherlands and Germany.

Paleogene stratigraphy

Brussels Formation

- The proposal for the Brussels Formation was sent for approval to the NCS in March 2022. Some smaller, rather textual, remarks were made. Rik will amend the text before publication on the NCS website. Katrien will draft the summary of the Brussels Formation in such a way that it is suitable for publication in the new structure of the NCS-website (see **)

Rupel Group

After the review of the Neogene, the stratigraphical review will now focus on the Rupel Group units. Noël and Laurent started to address the Rupel Group units as LIS-files and draft figures, based on the texts of the NCS-website. The authors made furthermore some consistent remarks on the LIS-template, the use of the LIS-file, the publication procedure, and the process of stratigraphical review. The remarks were discussed during the meeting.

Conclusions of the discussion:

- The subcommission launched a call to the members for review and additions concerning the text and figures of the 'Rupel Group'. Jef, Rik, Rieko, Jasper, Katrien and Stijn E. volunteered. The call will be re-launched to the absent members.
- Katrien will contact Noël for timing and sharing of documents.
- Although a lot of profit can be made from grouping information (references, tables, figures, datapoints etc), the documentation of the units must be in line with the standardized way on the NCS-website (**), which means a separate LIS-file for all individual units.
- VPO and VITO will edit the illustrations for the Rupel Group publication.
- The ICS-rules for naming stratigraphical units will be followed. The rules will be transposed to other languages for naming stratigraphical units. The subcommission suggests the NCS to clearly document these rules to all subcommissions, with specific examples.
- As the LIS-file and the suggestion of a template for publication will be adopted on the new NCS-website, the remarks are relevant for the NCS and hence, were discussed in advance with Kris, secretary of the NCS.

Neogene stratigraphy

- The LIS-document is published as a discussion text on the website. A formal remark from Jan Walstra was received about the ranking and correlation of the Poppel Facies. It was tentatively assigned to the Kasterlee Formation. Jan suggests, as a result from the correlation in the H3O-De Voorkempen project, to correlate it with the (new) Goirle Member of the Oosterhout Formation, which has an early Zanclean age. After a discussion, it was decided to rank it as a separate formal unit between the Kattendijk and Kasterlee Formation.
- The Merksplas Formation was also discussed during the meeting: the Rees Facies will be changed to a separated unit. The uncertainty of the Neogene - Quaternary age of the Merksplas Formation will be added in the text and in the table. Jef will manage these changes in discussion with the co-authors.
- The editors of the Neogene LIS-document will review the text according to the ICS-rules.
- The document will be sent to the NCS as a proposal once the above discussed changes are implemented and received by the secretary.

Jasper points out that many DOV-users have difficulty with changes of the formal stratigraphy. VPO will publish a table with a comparison of the old and new Neogene and Paleogene stratigraphy. This issue will be addressed to the NCS and the other subcommissions.

Research

Stijn E. and Jef illustrated their research in collaboration with other researchers and institutes on borehole Huybergen, Rumst quarry, temporary outcrop Rubenshuis and Posthofbrug 4. The discussion showed the relevance and importance of sharing research during meetings of the subcommission.

New NCS website ()**

- The 'old' NCS website will be inactive from April 2023 onwards. Kris is building a new website in the meantime based on a template for a concise html-page, linked with more documentation and illustrations in the LIS-file. Feed(s) from social media can be added in a separate page. The information as now available on site is backed-up.
- This procedure is presented in the last NCS-meeting and details will be shared with all subcommissions.
- Katrien highlights the importance of having links to DOV and GSB websites.

Varia

- Stijn E., Jef, Rieko and Jasper are preparing a publication of the Antwerp and Kiel members in *Geologica Belgica*
- A Terhaegen Member fauna paper is in preparation by Stijn E.
- Jasper is working on geosites in Heist-op-den-Berg and Lichtaart and mentions a good collaboration with the municipalities and the 'Regionale Landschappen'.
- Stijn E. mentions that the exposure of the Orp Sand near the old station of Maret (type locality Orp Member) is covered.

<p>Next meeting: will be in March, digital or physical meeting, depending on the agenda</p>
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Attachment:

- Research ppt Everaert en Deckers

Stephen Louwye, chair of the SC-PN

Katrien De Nil, secretary of the SC-PN