

ANNEX 2 CCAMBIO REPORT: FOLLOW-UP COMMITTEE MEETINGS

The follow-up committee of the CCAMBIO project is very international and therefore, we often have met with its members during scientific international meetings. Prof. Wim Vyverman and Dr Annick Wilmotte are promoters of BCCM collections and they regularly meet **Dr. Marleen Bosschaerts** during the BCCM meetings.

July 2012

Prof. Ian Hawes, **Prof. Warwick Vincent** and **Dr. Marc Lebouvier** have met Prof. Wim Vyverman and Dr Annick Wilmotte during the SCAR OSC conference in Portland in July 2012. We took the opportunity to discuss about the project. **Prof. Ian Hawes** proposed to send samples of Lake Vida (McMurdo Dry Valleys) as this area was not well represented in our set of samples.

Dr Dominic Hodgson has proposed to help with the collection of new samples and invited PAE members to a sampling campaign in Macquarie Island.

November 2012

Prof. **Antonio Quesada** has presented an oral talk « Biocomplexity of microbial mats. Can we cross the borders with high-throughput sequencing techniques?» at the CCAMBIO workshop on 21/11/2012. All the Belgian members of CCAMBIO were present and we have discussed about the project and more specifically about what to expect from the NGS approach, comparing our experience with different equipments and bioinformatic pipelines.

Prof **R. Cavicchioli** had planned to present a talk during this workshop CCAMBIO but had to cancel due to personal reasons. -La Dr. **Alison Murray** (Desert Research Institute, USA) was added as a new member of the follow-up committee, because she gave excellent advices during the CCAMBIO workshop and she plays a crucial role in the development of the mARS module of the portal biodiversity.aq. where we will deposit our data.

May 2014

On 15 May 2014, an annual CCAMBIO meeting was organized, to which **Peter Convey**, our foreign partner was participating. A part of the meeting was used to discuss how we would deposit our sequence data in the Microbial Antarctic Ressources (MARS) module, as presented by Anton Van De Putte, KBINS, Biodiversity.aq). The second part of the meeting was used to discuss data and future activities, like new sampling, DNA extraction methods, analyses and publication strategy.

February 2015

Prof. **Warwick Vincent** and **Prof. Antonio Quesada** have met Wim Vyverman and Annick Wilmotte during the ASLO Aquatic Sciences Meeting in Granada (Spain) in February 2015. They were chairing a session on 'lakes in the cryosphere: from Pole to Pole' and invited Dr. Wilmotte to give a oral communication on the CCAMBIO data (Wilmotte, A.; Stelmach-Pessi, I.; Sweetlove, M.; Obbels, D.; Vanormelingen, P.; Tytgat, B.; Willems, A.; Verleyen, E.; Vyverman, W.; Van De Vijver, B.; Lara, Y.; Van de Putte, A.: MOLECULAR DIVERSITY OF MICROORGANISMS IN ANTARCTIC LACUSTRINE MICROBIAL MATS (ID: 27437)). This was also the opportunity to discuss about the project. Prof. Warwick Vincent discussed about his interest to collaborate on the analysis of genomes of polar cyanobacteria.

August 2015

At the occasion of the SCAR conference in Auckland, New Zealand, a meeting of the follow-up committee was organized by A. Wilmotte and E. Verleyen during the evening of the 26/08/2015. **Peter Convey**, **Ian Hawes**, **Alison Murray** and **Josef Elster** have attended. A large part of the discussion concerned the WP4 and the transcriptomic analysis for which we have benefited from the advices of Ian Hawes and Alison Murray. We explained that the samples would be collected along a depth gradient and that our first focus would be on the genes responsible for carbon and nitrogen fixation as well as the answers to light stresses, and they approved this approach.

In addition, A. Wilmotte and A. Willems have written a letter of support for a JGI CSP proposal by **Prof. Rick Cavicchioli**, 'Seasonal variation in Antarctic microbial communities: ecology, stability and susceptibility to ecosystem change', which was awarded in 2014. The rationale was that the proposal will generate much genomic and transcriptomic data that will be helpful for the Antarctic scientists. More specifically, the Australian proposal will give access to new genomes (isolates and single cells) and generate 'omics' data that we will be able to compare with ours.

August 2016

During the SCAR Open Science Conference, there were discussions between A. Wilmotte and **Prof. Peter Convey** (international member of CCAMBIO) and **Prof. Ian Hawes**. Because of the organisation of the conference in Malaysia, not many members of the follow-up committee were present.

September 2016.

Prof. **Josef Elster** was the organiser of the « Polar and Alpine Microbiology meeting » in Ceske Budejovice (Czech Republic), where the young CCAMBIO researchers of the

have presented oral talks and posters. During this meeting, we could discuss with Dr **Peter Convey** et le Prof **David Pearce** about the data of CCAMBIO.

2012-2017

During the CEP meetings, A. Wilmotte could discuss with Dr **Marc Lebouvier** who was participating to the French delegation. His interests were more focussed on the Sub-Antarctic and he has a regular collaboration with Bart Van de Vijver who has been invited by IPEV to field missions (Amsterdam Island).