

Evolutionary dynamics of the chloroplast genome sequences of six *Colobanthus* species

Piotr Androsiuk*¹, Jan Paweł Jastrzębski¹, Łukasz Pauksto¹, Karol Makowczenko¹, Adam Okorski², Agnieszka Pszczółkowska², Katarzyna Joanna Chwedorzewska³, Ryszard Górecki¹, Irena Giełwanowska¹

1. Department of Plant Physiology, Genetics and Biotechnology, University of Warmia and Mazury in Olsztyn, ul. M. Oczapowskiego 1A, 10-719 Olsztyn, Poland.
- 2 Department of Entomology, Phytopathology and Molecular Diagnostics, University of Warmia and Mazury in Olsztyn, ul. Prawocheńskiego 17, 10-720 Olsztyn, Poland.
- 3 Department of Agronomy, Warsaw University of Life Sciences-SGGW, ul. Nowoursynowska 166, 02-787 Warszawa, Poland.

Figure S1. A MAUVE alignment of *C. acicularis*, *C. affinis*, *C. apetalus*, *C. lycopodioides*, *C. nivicola*, *C. pulvinatus*, *C. subulatus* and *C. quitensis* chloroplast genomes showing the lack of rearrangements between the chloroplast genomes of the eight species. The *C. quitensis* genome is shown at top as the reference. Within each of the alignment, local collinear blocks are represented by blocks of the same color connected by lines.

