In the **Group Biodiversity and Evolution of Plants** of the Institute of Biology and Environmental Sciences of the Faculty of Mathematics and Natural Sciences of the **Carl von Ossietzky University** there is a vacancy

to be filled by 01.05.2022

for the position of a **PhD student** (m/f/d) (E 13 TV-L - 67%)

limited for three years with the possibility to do a doctorate. The position is part of the DFG research group DynaCom (https://uol.de/en/icbm/collaborative-projects/dynacom). DynaCom deals with questions of dynamic processes of biodiversity changes in the Wadden Sea by means of theoretical and empirical processes. So, you will be part of a group of enthusiastic young scientists working together on a larger project. This includes regular meetings, project reports and support in all aspects by a group of professors, postdocs and fellow PhD students.

The specific project is concerned with changes in fungus-plant interactions under salt and heat stress of glasswort (*Salicornia europaea*) in the field and in the greenhouse. For this purpose, metatranscriptomic methods will be used to track changes at the gene level. Active collaboration with other subprojects, especially in field work, is an important part of the project. Therefore, besides high throughput sequencing, analysis of transcriptomic data and performing greenhouse experiments, there is the possibility to learn other methods, such as plant anatomy and flow cytometry.

In the field of plant systematics, the group conducts research on questions of intraspecific differentiation and diversification of species, especially on questions of hybridization and polyploidy. Study organisms are primarily flowering plants. See also http://www.plant-evol.uni-oldenburg.de

The following work is to be performed:

- Transcriptomic analyses

- Greenhouse experiments

- Supervision of final theses (bachelor and master).

Required qualifications:

- Completed scientific university studies (Master/Diploma (Uni)) in biology or related subjects with a strong fungal and/or plant science component.

- Experience in the analysis of high-throughput sequencing methods.

- Scientific precision, motivation and enthusiasm

- Organizational skills

- Good command of written and spoken English

The University offers your employees:

- Payment according to the collective agreement (TVL) incl. annual special payment

- Graduate school OLTECH (https://uol.de/oltech) mit many different offers for advanced training and career planning

- A wide range of continuing education opportunities as well as company health promotion benefits and participation in the university sports program

- Use of the VBN JobTicket

- A good infrastructure with a cafeteria, library, and bicycle repair shop.

Severely disabled persons are given preference in the case of equal suitability.

The Carl von Ossietzky University of Oldenburg aims to increase the proportion of women in the academic field. Therefore, women are strongly encouraged to apply. According to § 21 para. 3 NHG, female applicants should be given preferential consideration if their qualifications are equivalent.

If you have any questions regarding this job offer, please contact Prof. Dr. Dirk Albach (dirk.albach@uol.de). Please send your application with cover letter, curriculum vitae, copies of certificates and references in one document as pdf-file (total size max. 5 MB) preferably by e-mail until **20.2.2022** to Prof. Dr. Dirk Albach (**dirk.albach@uol.de**).