

# FRESHWATER FLORA OF POLAND *CHLOROPHYTA* II — *CHLOROCOCCALES* AND *CHLORELLALES*

by

Teresa MROZIŃSKA

The work deals with *Chlorococcales* and *Chlorellales* orders and is based on the most recent publications (1-4) in this field. About 1000 species from all over the world are described. Soil algae and those occurring on tree bark are of special concern. To give a more complete presentation the results of research performed in the Białowieża National Park (NE Poland) and in North Korea are also included.

The work is preceded by an Introduction containing general remarks on the morphology of algae, their development cycle, places of occurrence as well as methods of their collection and cultivation. The reader may therefore have a general view of this whole group of algae.

The essential contents of this study are identification keys as well as broad descriptions of species supported with figures (about 100 plates).

A wide reference list is provided at the end of the study.

## References

1. Deason, T. R. 1984. A discussion of the class *Chlamydomphyceae* and *Chlorophyceae* and their subordinate taxa. *Pl. Syst. Evol.* 146: 75-86.
2. Ettl, H., Gärtner, G. 1988. *Chlorophyta* II — *Tetrasporales*, *Chlorococcales*, *Gloeodendrales*. Gustav Fischer (ed.). (in German). *Freshwaterflora of Middle Europe* Vol. 10. Stuttgart, New York.
3. Hindak, F. 1988. Studies on the Chlorococcal algae (*Chlorophyceae*). IV. *Treatise on Biology*. Veda Bratislava.
4. Komarek, J., Fott, B. 1983. Freshwater Phytoplankton: Systematics and Biology. *Chlorophyceae* (Greenalgae) order: *Chlorococcales*. (in German) In: *Freshwater XVI*, Schweizerbart Company, Stuttgart.
5. Mrozińska-Webb, T. 1969. *Chlorophyta* IV. *Oedogoniales*. *Freshwater Flora of Poland*. vol. 11. PWN. Kraków.
6. Mrozińska, T. 1984. Green algae (*Chlorophyta*). *Oedogoniales*. *Flora of Poland*. PWN. Kraków, Warszawa.
7. Mrozińska, T. 1985. *Chlorophyta* VI. *Oedogoniophyceae: Oedogoniales*. *Freshwater Flora of Middle Europe*. Gustav Fischer Editor, Stuttgart, New York.