

### APPENDIX 3

Freshwater algae recorded in deposits from Mizerna-Nowa (botanical affinity and indication mainly according to Kadłubowska, 1972; van Geel, 1978; Pals et al., 1980; van Geel et al., 1981, 1983; Head, 1992; van Geel and Grenfell, 1996; Worobiec, 2010, 2011)

Taxon	Botanical affinity	Indication
<i>Botryococcus braunii</i> Kützing	Chlorophyta: <i>Botryococcus braunii</i> Kützing	open water, fresh and probably brackish waters
<i>Botryococcus</i> sp.	Chlorophyta: <i>Botryococcus</i> sp.	open water, fresh and probably brackish waters
<i>Cycloovoidites cyclus</i> (Krutzschn) Krutzschn et Pacltová	Chlorophyta: Zygnemataceae ( <i>Spirogyra</i> )	shallow, stagnant, oxygen-rich fresh waters, lake margins
<i>Diagonalites diagonalis</i> Krutzschn et Pacltová	Chlorophyta: Zygnemataceae ( <i>Mougeotia</i> )	shallow, stagnant, oxygen-rich fresh waters, lake margins
<i>Leiosphaeridia</i> sp.	Prasinophyceae	fresh waters
<i>Ovoidites elongatus</i> (Hunger) Krutzschn	Chlorophyta: Zygnemataceae ( <i>Spirogyra</i> )	shallow, stagnant, oxygen-rich fresh waters, lake margins
<i>Ovoidites grandis</i> (Pocock) Zippi	Chlorophyta: Zygnemataceae ( <i>Spirogyra</i> )	shallow, stagnant, oxygen-rich fresh waters, lake margins
<i>Ovoidites ligneolus</i> Potonié ex Krutzschn	Chlorophyta: Zygnemataceae ( <i>Spirogyra</i> )	shallow, stagnant, oxygen-rich fresh waters, lake margins
<i>Ovoidites spriggii</i> (Cookson et Dettmann) Zippi	Chlorophyta: Zygnemataceae ( <i>Spirogyra</i> )	shallow, stagnant, oxygen-rich fresh waters, lake margins
<i>Pediastrum boryanum</i> (Turp.) Menegh.	Chlorophyta: <i>Pediastrum boryanum</i> (Turp.) Menegh.	eutrophic to mesotrophic fresh waters, open water surface
<i>Pediastrum integrum</i> Nägeli	Chlorophyta: <i>Pediastrum integrum</i> Nägeli	fresh waters, also oligotrophic and dystrophic biotopes
<i>Pediastrum simplex</i> Meyen	Chlorophyta: <i>Pediastrum simplex</i> Meyen	eutrophic waters, open water surface
<i>Pediastrum</i> sp.	Chlorophyta: <i>Pediastrum</i> sp.	eutrophic to mesotrophic fresh waters, open water surface
<i>Planctonites stellarius</i> (Potonié) Krutzschn	Chlorophyta: Zygnematales (desmids)	fresh and probably brackish waters
<i>Sigmopollis laevigatoides</i> Krutzschn et Pacltová	?Chlorophyta, ?other algae	eutrophic to mesotrophic open fresh waters
<i>Sigmopollis pseudosetarius</i> (Weyland et Pflug) Krutzschn et Pacltová	?Chlorophyta, ?other algae	eutrophic to mesotrophic open fresh waters
<i>Sigmopollis punctatus</i> Krutzschn et Pacltová	?Chlorophyta, ?other algae	eutrophic to mesotrophic open fresh waters
<i>Stigmozygodites mediostigosus</i> Krutzschn et Pacltová	Chlorophyta: Zygnemataceae ( <i>Zygnema</i> )	shallow, meso- to eutrophic, open fresh waters
<i>Stigmozygodites megastigosus</i> Krutzschn et Pacltová	Chlorophyta: Zygnemataceae ( <i>Zygnema</i> )	shallow, meso- to eutrophic, open fresh waters
<i>Stigmozygodites ministigosus</i> Krutzschn et Pacltová	Chlorophyta: Zygnemataceae ( <i>Zygnema</i> )	shallow, meso- to eutrophic, open fresh waters
<i>Stigmozygodites</i> sp.	Chlorophyta: Zygnemataceae ( <i>Zygnema</i> )	shallow, meso- to eutrophic, open fresh waters
<i>Tetraedron minimum</i> (A. Braun) Hansgirg	Chlorophyta: Chlorococcaceae: <i>Tetraedron</i>	shallow, enriched lakes, ponds and rivers
<i>Zygodites medius</i> (Rshanikova) Krutzschn et Pacltová	Chlorophyta: ?Zygnematales	oligo- to eutrophic fresh waters
freshwater dinocysts	Dinophyceae	fresh waters