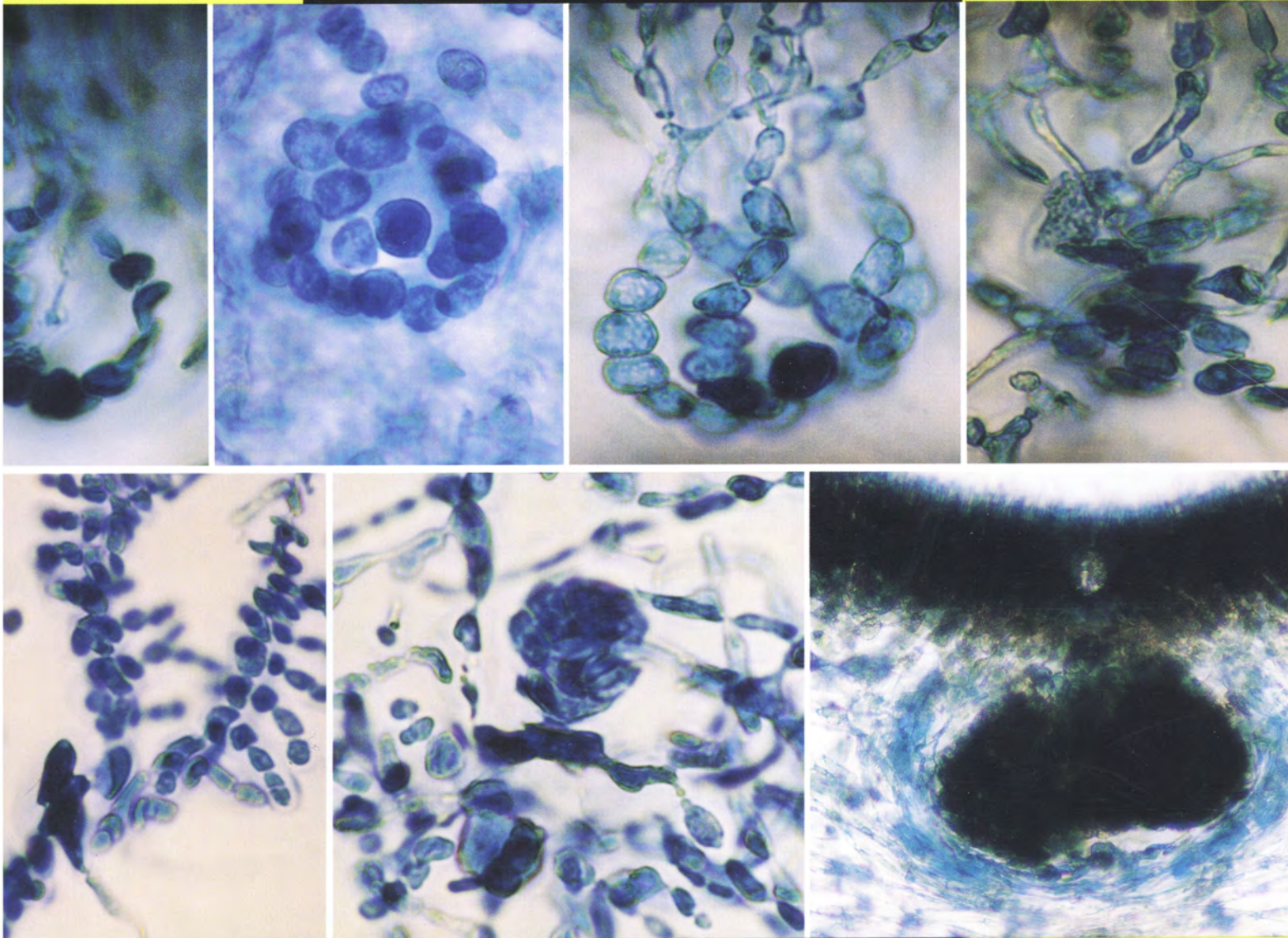


# Phycological Research

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**Cover** Female reproductive structures and cystocarp development of *Grateloupia lanceolata* (Okamura) Kawaguchi, comb. nov. Top from left: carpogonial ampulla; auxiliary cell ampulla; auxiliary cell ampulla viewed from underneath; and carpogonial fusion complex after presumed fertilization. Bottom from left: gonimoblast initial cell cut off from the connecting cell after contact with the connecting filament; early stage of gonimoblast development; and mature cystocarp with thin pericarp. (See pp. 9–21 for details.)

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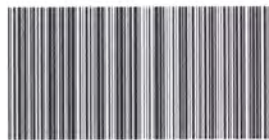
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