

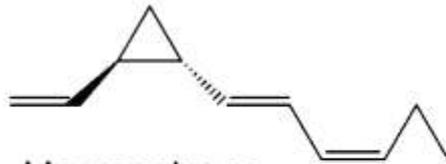
Эктокарпен - фермент бурых водорослей



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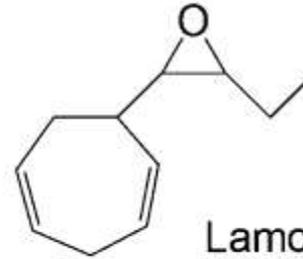


Феромоны



Hormosirene

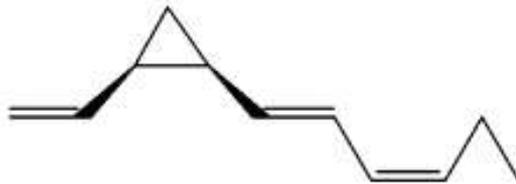
Source: Brown algae and diatoms
Biosynthesis: Fatty acid derived
Polarity: Unpolar



Lamoxirene

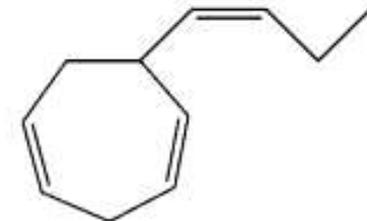
Source: Brown algae
Biosynthesis: Fatty acid derived
Polarity: Unpolar

Thermal rearrangement of pre-ectocarpene



Pre-ectocarpene

thermal
rearrangement →



Ectocarpene

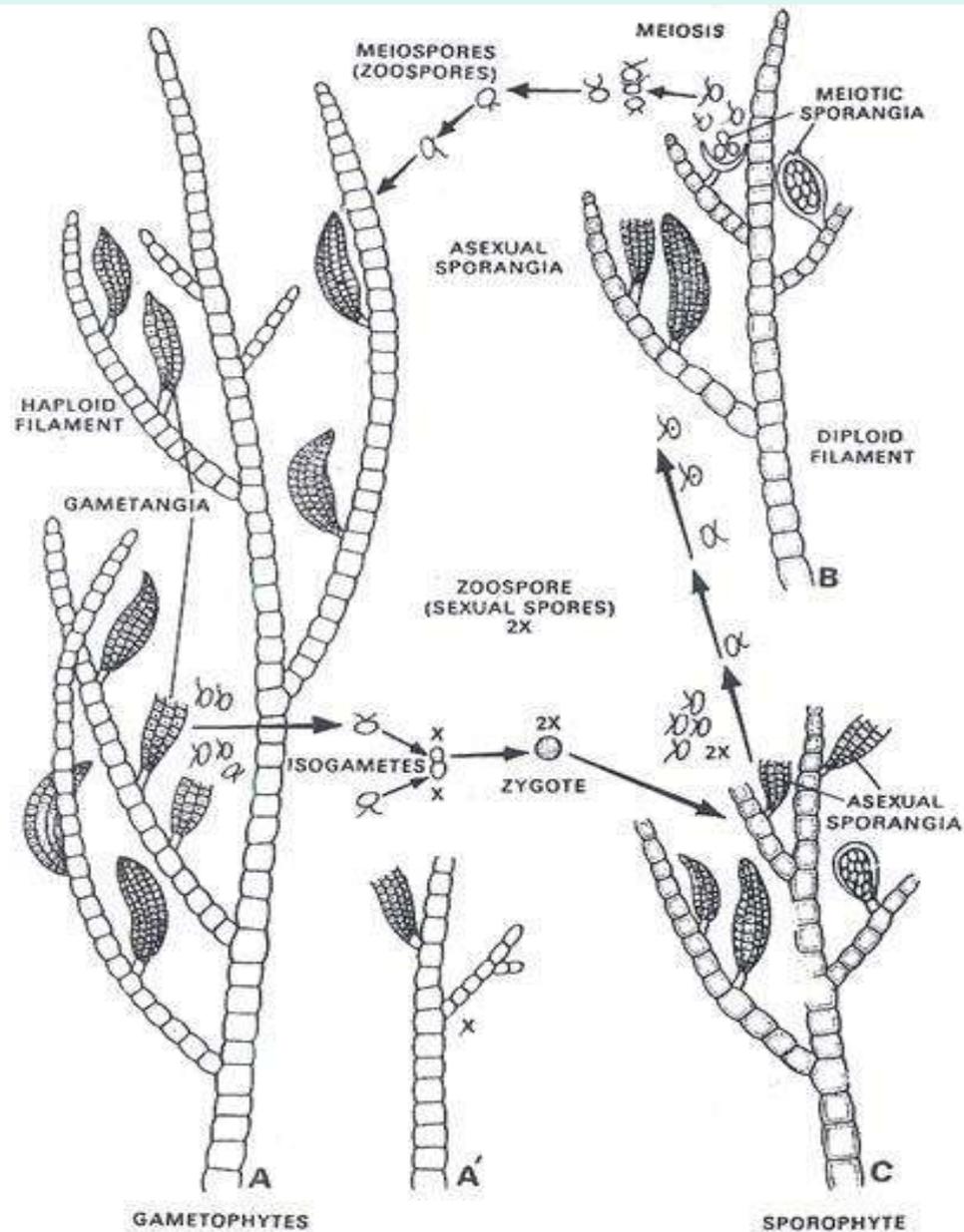
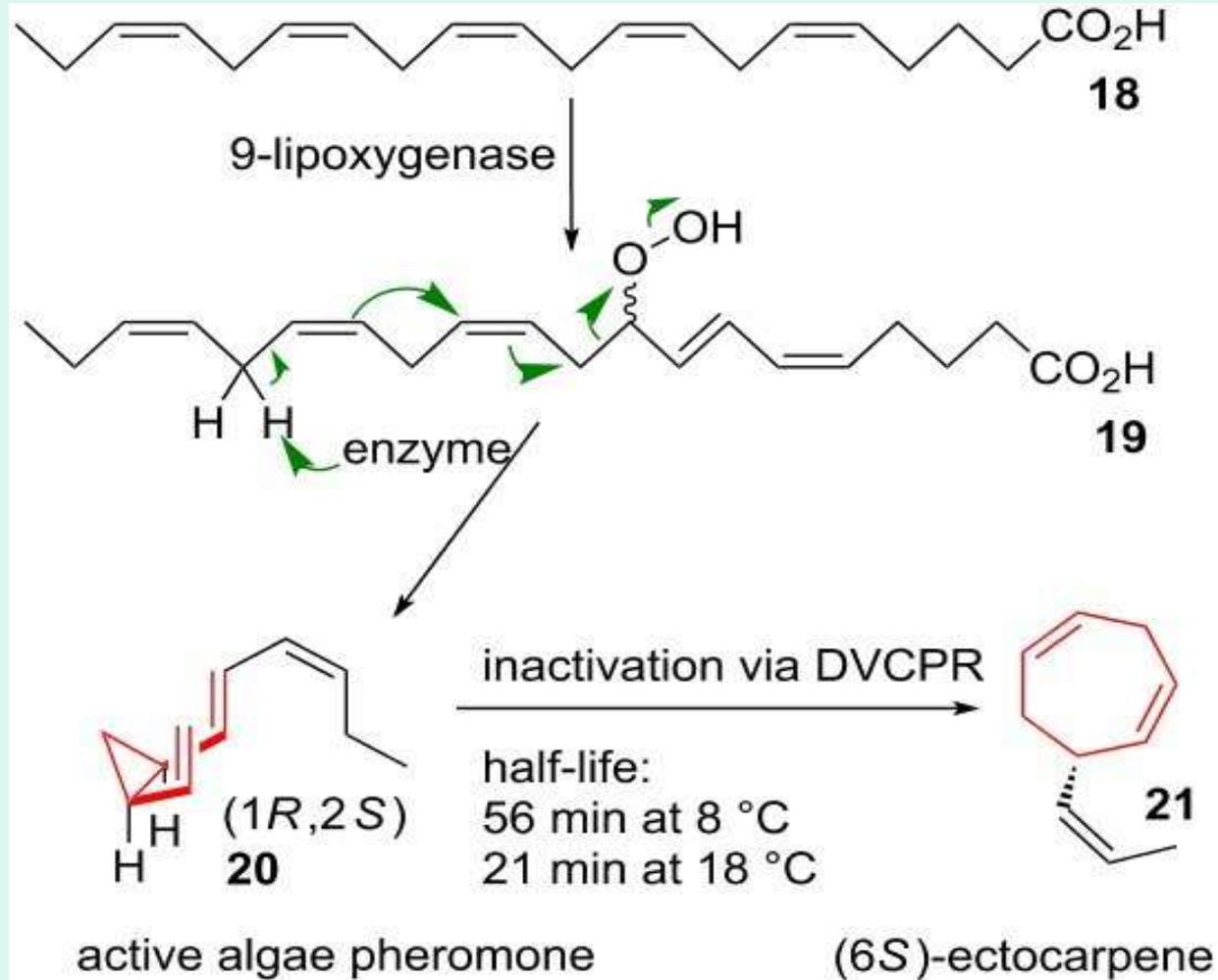
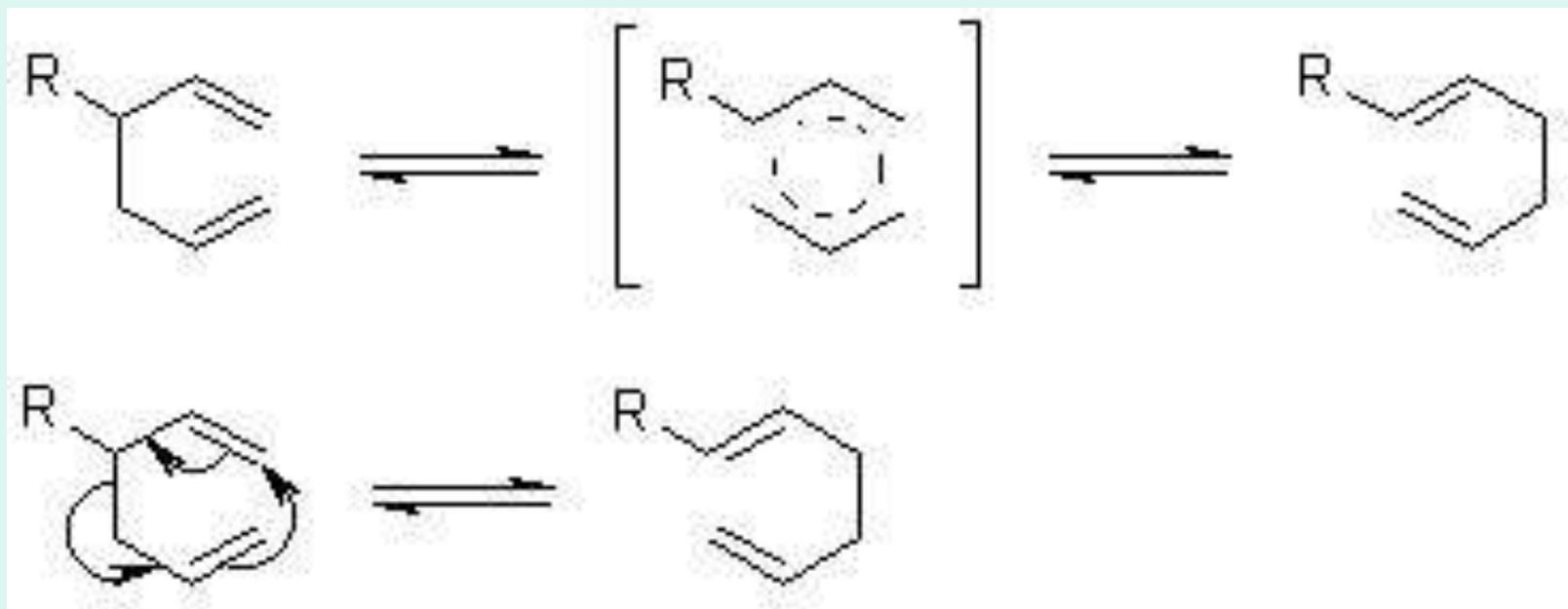


Fig. 6.5. *Ectocarpus*. Stages in life cycle—A and A', gametophyte (haploid filament); B, diploid filament showing meiotic sporangia and zoospores (n) after meiosis; C, sporophyte with asexual sporangia forming zoospores ($2n$).

Перегруппировка Коупа

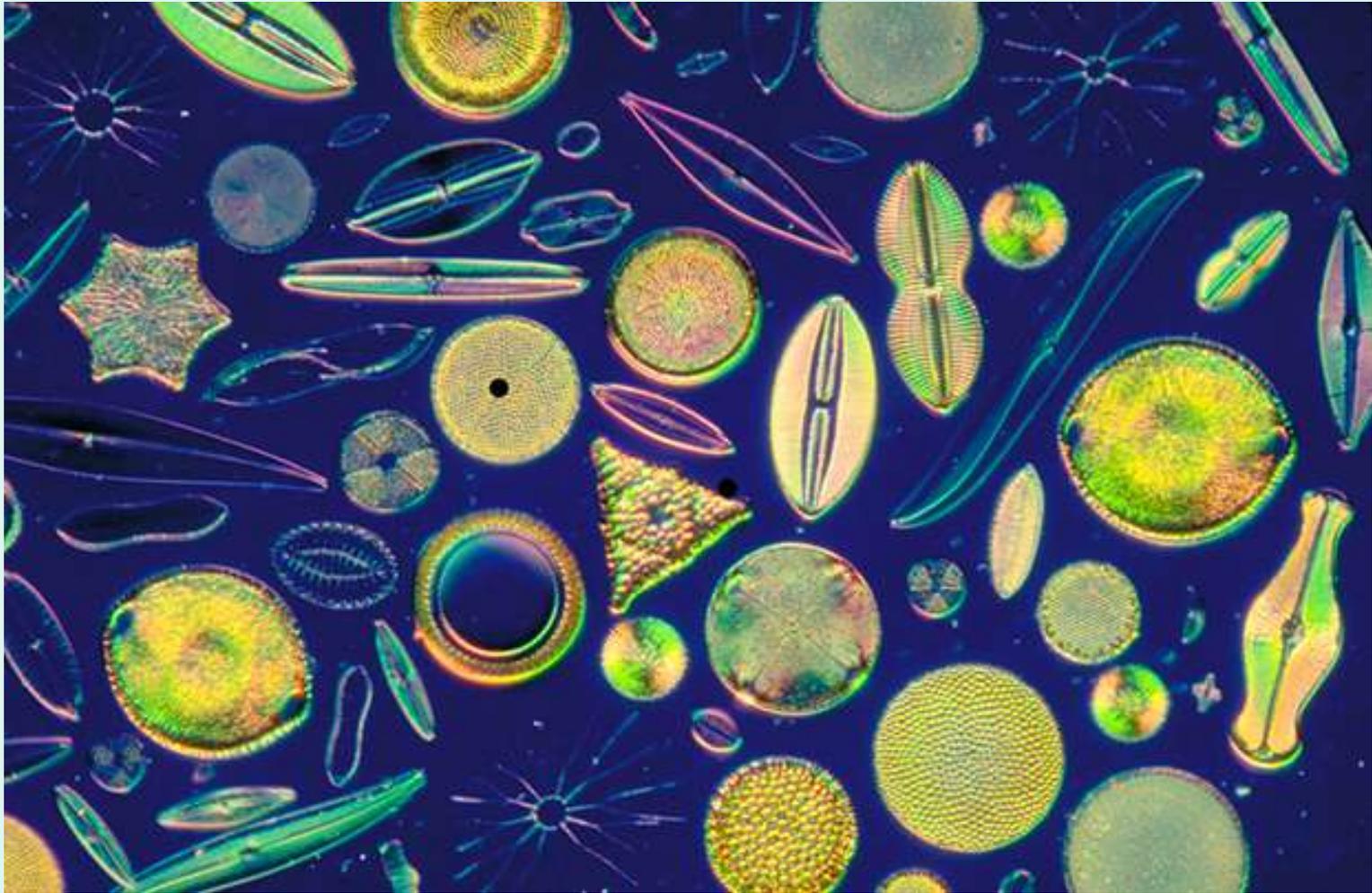


Перегруппировка Коупа





кл. Phaeophyceae



кл. Bacillariophyceae (Diatomeae)

Sphacelaria Rigidula



Adenocystis utricularis



Конец