

COMMONWEALTH OF AUSTRALIA

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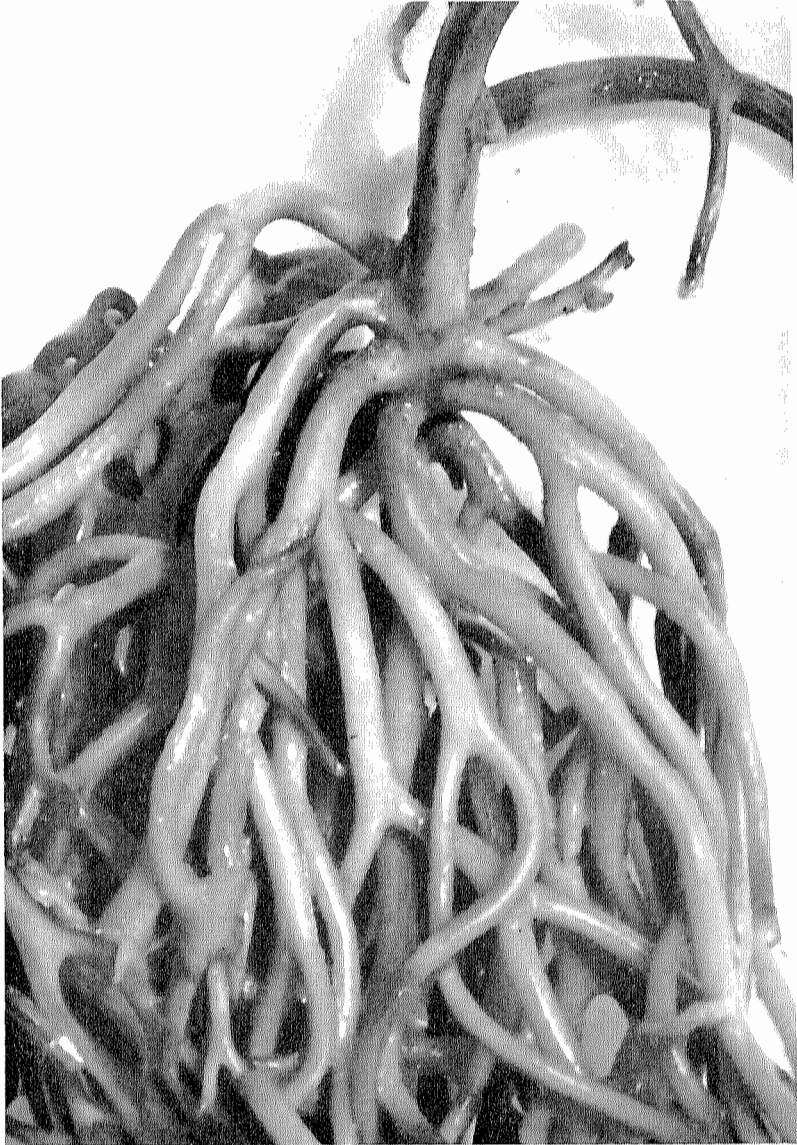
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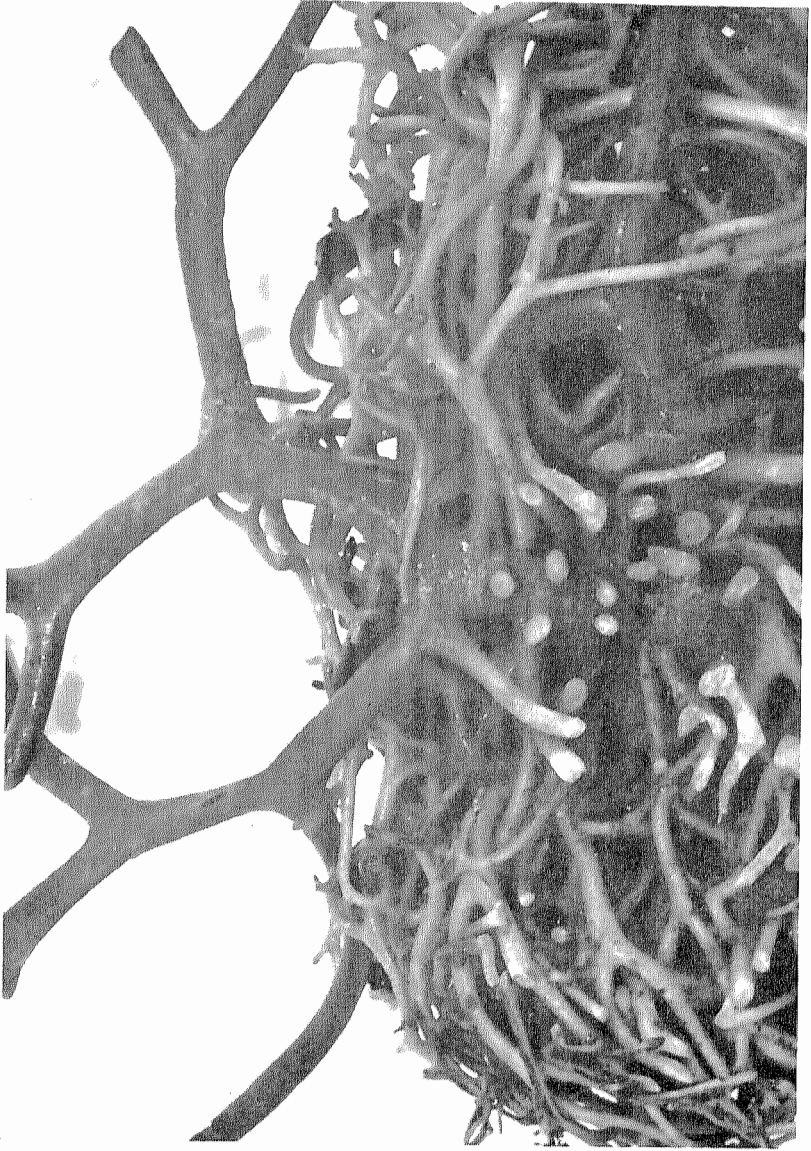
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Holdfast of *Macrocyclus pyriferus*, showing dichotomous haptera arising from the single terete stipe. Port Arthur, Tasmania. Approximately natural size.



Holdfast of *Macrocystis pyrifera* with haptera on one side removed. Port Arthur, Tasmania.
Approximately natural size.



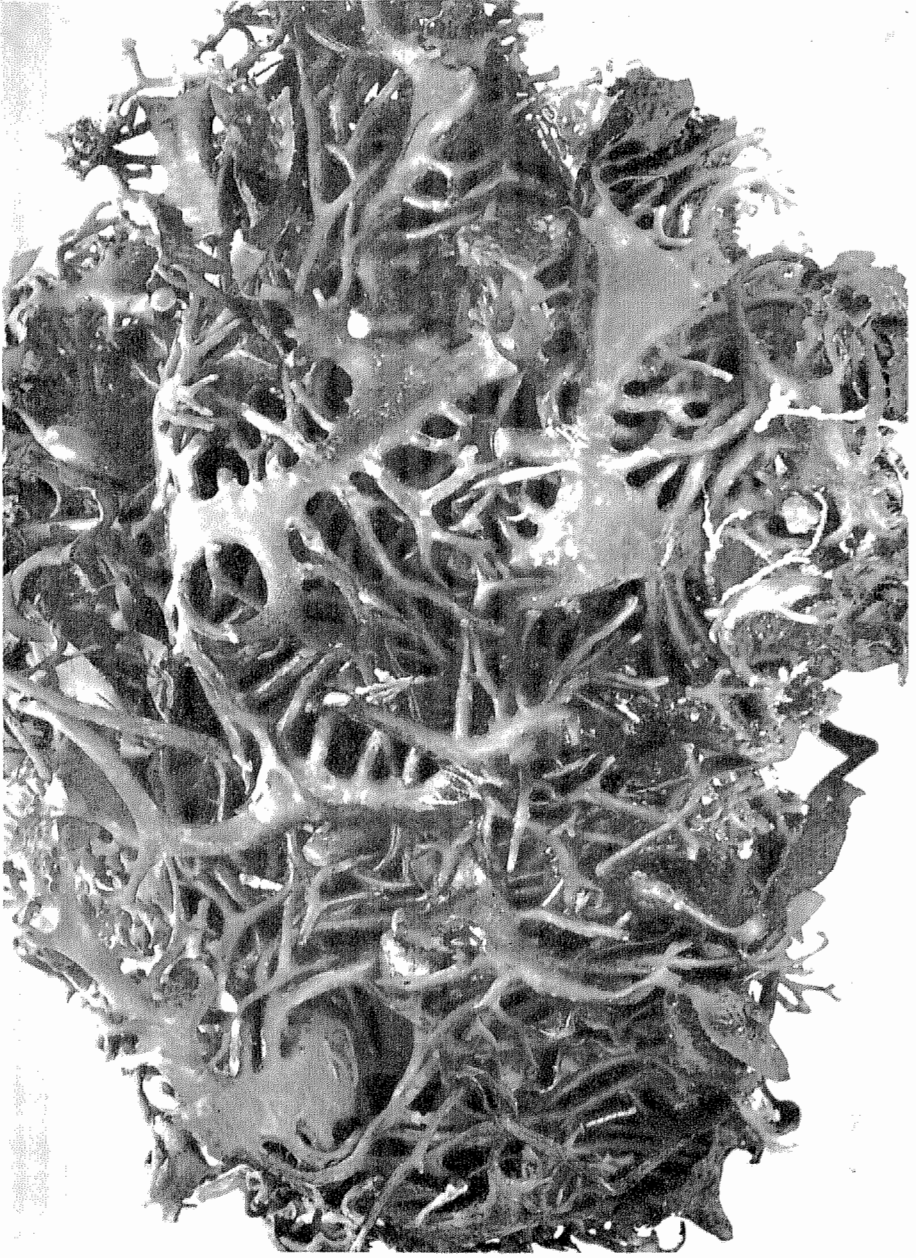
Holdfast of *Macrocystis angustifolia* showing four rhizomatous branches with dichotomous haptera growing downward and blade-bearing stipes growing upward. Robe, South Australia. Approximately natural size.



Holdfast of *Macrocystis angustifolia*, with two rhizomatous branches dissected out. Robe, South Australia.
Approximately $\frac{1}{2}$ natural size.



Young plant of *Macrocytis integrifolia* showing flattened, prostrate, rhizomatous branches and formation of new stipes by splitting of blades. Near Little River, Humboldt County, California. Approximately $\frac{2}{3}$ natural size.



Surface view of an old holdfast of *Macrocystis integrifolia*. Near Little River, Humboldt County, California. Approximately $\frac{1}{2}$ natural size.