I. MAINLY FLAT-BRANCHED, OR BRANCHES ARE IN RINGS

BRANCHES FLATTENED

Champia insignis

branch cylindrical

Chylocladia grandis

BRANCHES CYLINDRICAL

cystocarps without openings

II. MAINLY RADially OR IRREGULARLY BRANCHED: BRANCHES CYLINDRICAL, SLender

Champia affinis

additional outer cells (cortication produced in older parts) form rings about existing cells

grows on other plants

segment partitions obvious

ends of branches may be hooked

Champia zostericola

grows on other plants

SOUTHERN AUSTRALIAN SPECIES OF CHAMPIACEAE AT A GLANCE. 2ND EDITION
microscope sections are stained blue; the coin scale is 24 mm or about 1” in diameter

(II. MAINLY RADially OR IRREGULARLY BRANCHED: BRANCHES CYLINDRICAL, SLENDER, continued)

branching radial, pinching at segment partitions obvious

usually on rock

preserved (bleached) specimen: partitions obvious, branching radial

epiphytic on seagrasses, branches narrow

Champia parvula

Champia parvula var. amphibolis

branching irregular, pinching at segment partitions minimal

Champia viridis

branching irregular, pinching at segment partitions minimal

increasing magnification

Champiocolax lobata

III. A MINUTE PARASITE OF CHAMPIA VIRIDIS

Champiocolax lobata

increasing magnification