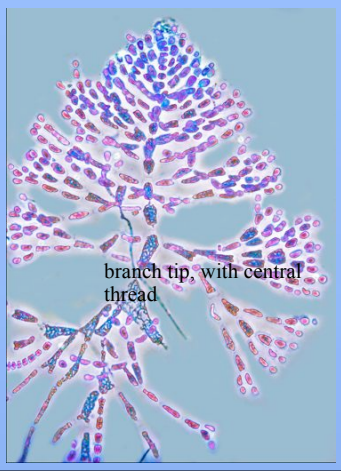
THE FAMILY*: DUMONTIACEAE* AT A GLANCE

(the coin scale is 24mm or almost 1" wide)

Plants are usually slimy, have a core of a either a large-celled thread or many fine threads; branched chains of cells radiate outwards

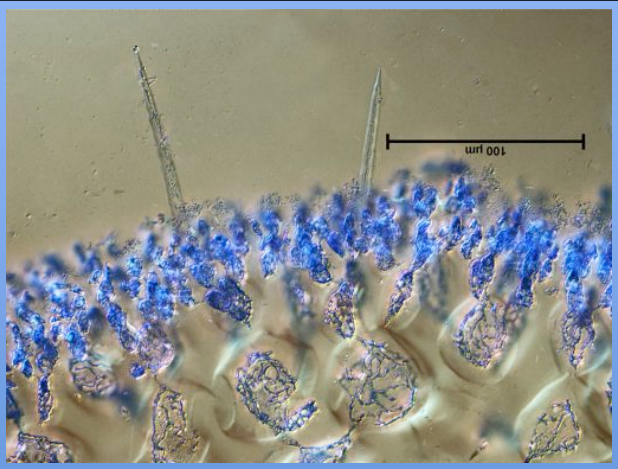
1 PLANTS *FLAT-BRANCHED*; INTERNALLY THERE IS A *SINGLE* CENTRAL THREAD OF LARGE CELLS



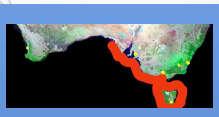
rare,
branches slightly compressed

Acrosymphyton taylorii

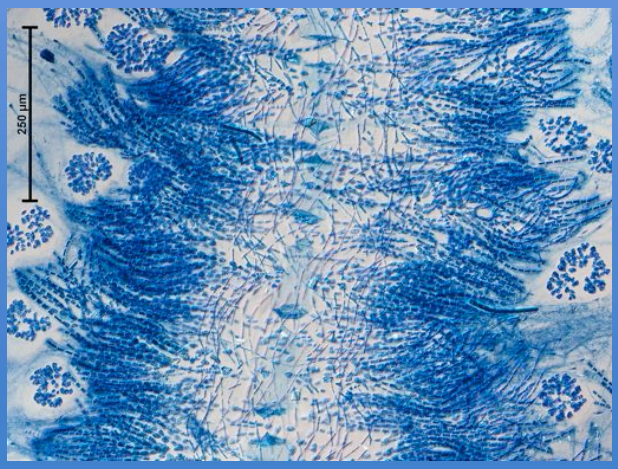
+ Lord Howe I.



Dasyphloea insignis



outermost layer *compact*, microscopic, needle-like hairs *present*

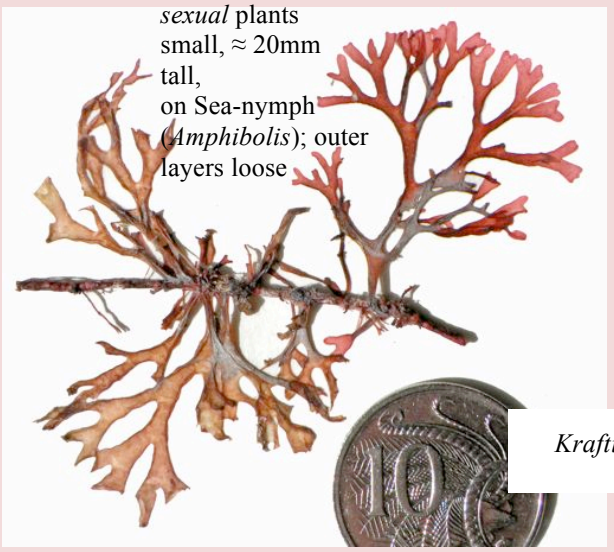


outermost layer *loose,* microscopic needle-like hairs *absent*

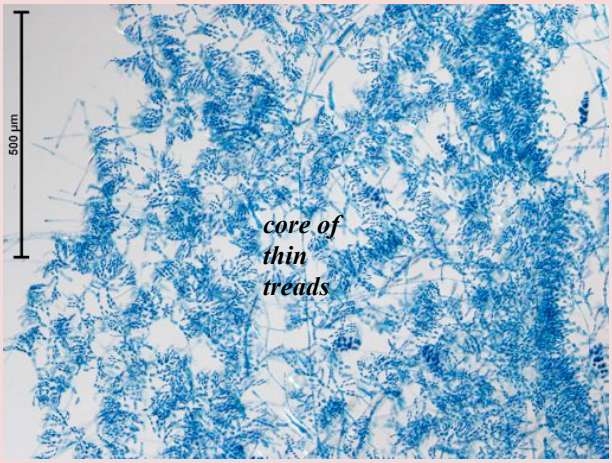
Dudresnaya australis

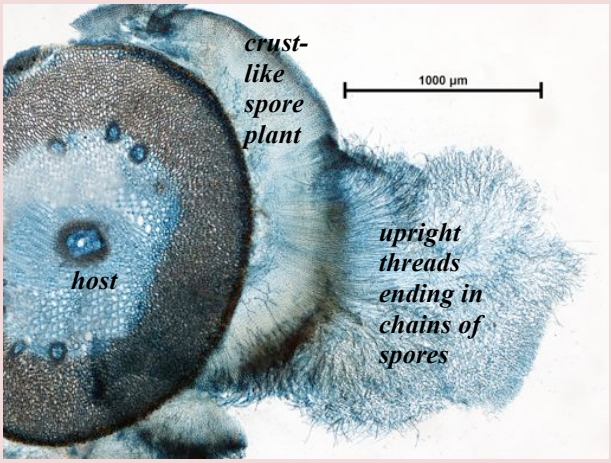
THE FAMILY: *DUMONTIACEAE* AT A GLANCE
(continued)

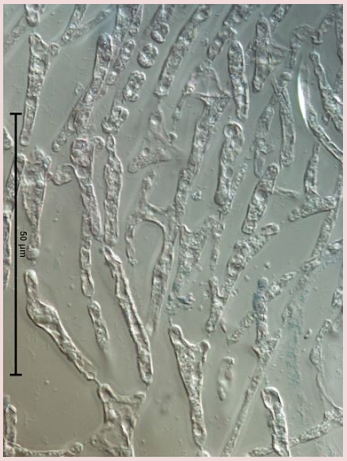
2. SPORE PLANTS WITH *FORKED* BRANCHES, SEXUAL PLANTS (IF KNOWN) OFTEN TINY AND ENCRUSTING; INTERNALLY THERE ARE *MANY* THIN MICROSCOPIC CENTRAL THREADS



Kraftia dichotoma





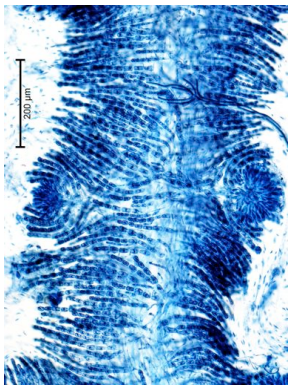


rare, forked upper parts slimy, base a hard knob; internally, outer threads have cross bridges

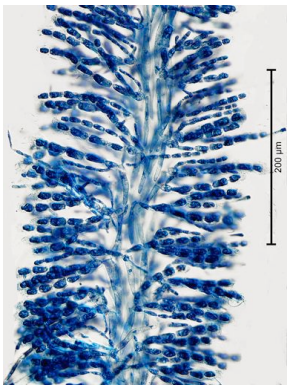
Gibsmithia womersleyi

ALGAL LOOK-ALIKES

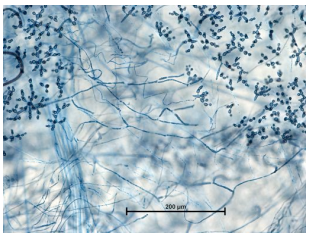
Some slimy plants, especially in the Order: Nemaliales, although reproductively distinct from the Family: Dumontiaceae, also have internal cores of microscopic threads and could be confused with this Family. Some are shown below.
You should refer to the Pictured Keys for "the Order: Nemaliales" and "Slimy Red Algae" to avoid misidentifying them.



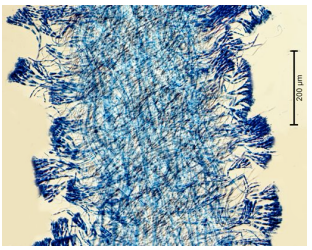
Nemalion helminthoides



Ganonema spp

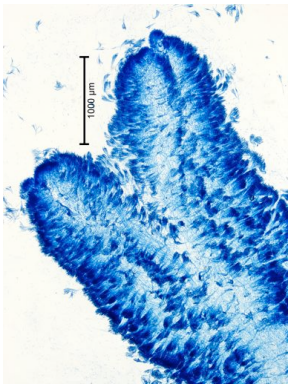


Gloiophloea spp



Helminthocladia spp

Helminthora spp



Tsengia spp (Family: Nemastomataceae)