

The position of the specimen in the author's scheme of classification should be promptly recognized. Are the conidia provided with one, or more than one, apical setulae? Does the specimen belong to *Monachetia* or *Pestaria*? [Fig. 1a,c; Fig. 2e,f]. Then determine the number of cells comprising the ascidia. The exterior or extreme hyaline cells added to the number of rounded cells will total 4, 5, or 6 cells, thus placing the specimen in either the genus *Quinque-*, or *Sexfoliata*. From here on, the color of the conidial cells, number and peculiarities of the ascidia, and biometric measurements are used to key out the species. Aber-

The fruiting area is treated with a speck of water which is allowed to soak into the matrix. The pedicels, exterior hyaline cells, and crest of setulae are then dried. The pedicels, exterior hyaline cells, and crest of setulae are then dried. The fruiting area is treated with a speck of water which is allowed to soak into the matrix. The pedicels, exterior hyaline cells, and crest of setulae are then dried. The fruiting area is treated with a speck of water which is allowed to soak into the matrix. The pedicels, exterior hyaline cells, and crest of setulae are then dried. The fruiting area is treated with a speck of water which is allowed to soak into the matrix. The pedicels, exterior hyaline cells, and crest of setulae are then dried.

The fructifications are usually borne in the matrix and are freed by the surface of the epidermis or covering tissue. They are black, carbonaceous, compact or confluent, and sometimes densely aggregated. The contents are mingled in black coils or masses, leaving a black sooty deposit over the area. The black pustules can be observed with the naked eye, or better with a hand lens or binocular, and they appear in spots or dead areas on leaves, bark, wood, paper, and other plant materials. Their distribution is usually irregular and without order. A punctiform arrangement in leaf spots appears regularly, but the arrangement, number, distribution, and even size of

# EXAMINATION OF SPECIMENS AND USE OF KEYS