

the stems are of a beautiful shining red colour, the leaves are two nerved concave and obtuse, fruiting in Autumn.

H. BLANDOVII. Webb & Mohr.

Leaves ovate papillose, sharply toothed margins recurved, nerved to the top, stem divided, with paraphylla, branchlets crowded, sporangium curved cylindrical, lid conical apiculate.

A beautiful Moss, with many characters of Thuidium, forming dense cushions on rocks and stumps in bogs and swampy places, stems feathery, tall, pale green, sub-erect, fruit stalk long reddish common, fruiting in April and May.

H. SPLENDENS. Hedw.

Leaves imbricated, ovate, concave, serrated, pointed, two nerved sporangium, ovate cernuous lid, rostrate; stem sub-erect, more or less bipinnate or sometimes tripinnate, sporangium ovate cernuous lid beaked, common in damp woods, forming large tufts, fruitstalk tall, fruiting in early Spring.

H. TRIQUETRUM, L.

Stem ascending with fasciculate branches, stem-leaves squarrose, branch-leaves spreading, acuminate, cordate, serrate, two nerved sporangium, ovate cernuous. Forming coarse yellowish patches in exposed banks, generally occupying dry situations, fruiting in March and April.

H. CRISTA. castrensis, L.

Stem sub-erect, feathery leaves, secund ovate lanceolate, plicate acuminate, toothed two nerved below, sporangium curved, oblong, cernuous, lid conical. The most beautiful of our mosses, very common and easily distinguished, forming golden green patches on rocks in wooded hills, fruiting in July and August.

H. MOLLUSCUM. Hedw.

Leaves crowded, secund, serrate lanceolate, toothed acuminate, two nerved or nerveless, sporangium, ovate, short, lid conical, resembles crista castrensis in general appearance. The habit is smaller, sporangium smaller, lid more acute, the stems have not the abrupt termination of castrensis.

Leaves hamulose, cumbent pinnate, forming dark green patches in the boles of trees, bearing fruit in Autumn.

Stems procumbent, falcato secund, cernuous, sporangium, oblong curved, fruiting in swampy woods.

Stem creeping, somewhat erect, two nerved sporangium, dark green patches, fruiting in May and during the summer.

Stem creeping, the upper side of the leaves acuminate, faintly serrate, sporangium oblong, curved, fruiting in the boles of trees, fruiting in the autumn.

Leaves crowded, secund, serrate lanceolate, toothed acuminate, two nerved or nerveless, sporangium, ovate, short, lid conical, resembles crista castrensis in general appearance. The habit is smaller, sporangium smaller, lid more acute, the stems have not the abrupt termination of castrensis.

Leaves short, discoid, serrate, ciliate, sporangium, oblong, stalk arising from the base, fruiting in August, growing in damp woods, not so common as the others.