

For the development of brand-name products in WFS. ~ Selection of high quality *Chamaecyparis* and investigation of suitable drying method ~

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Trees in the Woods for Field Practice Owned by Sagano High School (WFS) woods for fieldwork owned by Sagano high school have been left untouched after they were planted about 65 years ago. Therefore, we decided to work on product development using materials. When we carefully process use timber whose pith is in the center, warping or cracking decreases during while in the drying process, and we can use beautiful quarter-sawn timber. In our research, we studied about the method of estimating the tree pith and the process of drying wood. We obtained I got the core samples from of six trees with various chest height diameters using an increment bore to estimate the pith without cutting down the trees. However, it was difficult to pierce the pith of the trees accurately. When we regarded the center of tree profile and tree pith, the form of the tree profiler received a natural impact and a human impact. Disagreement of the position tree pith and center of tree profile occur. Therefore it was extremely difficult to pierce the pith of the tree using the increment bore. We will next try to simplify the form of the tree rings and calculated the position of the pith of the trees mathematically now. On the other hand, is to last a long time and not to be broken. In our research, we evaluated the efficacy of the drying methods between of natural drying and natural drying after the exudation of sap. The items under examination we are the time required to dry, and understanding the conditions of warping and cracking after drying. We measured the mass and the volume of Cypress (*Chamaecyparis obtuse*) which we brought from WFS. We and I dried it all in four places on campus.

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