
For the first time we have a laboratory sequence of studies in plant anatomy that is arranged in such a way that by the end of the course the students have a picture of how and where a plant grows. The work is a guide to the origins of tissues and organs that will give students the foundation for further studies and the summaries of the literature will be invaluable to both students and teachers.

The author rightly suggests that this is a plant anatomy for all phases of applied botany. It is also well organized for the teachers who will teach beginning courses as well as for the morphologist, physiologist, pathologist, and ecologist. Although this sequence of studies is quite a departure from those usually followed, the teachers who use this plan can report that students respond with a real interest. It is a workbook for a class taught by a teacher who has had training in plant anatomy, physiology and ecology. It is refreshing that phylogeny and the history of plant anatomy are not a part of the book.

*Ernest L. Stover.*