

plant, the common garden Hollyhock will serve the purposes of this lesson; but you must be careful not to select *double* flowers.

Compare the root with those of Buttercup and French Weed. Which of them does it most nearly resemble? Apply the proper term to it.

33. Use your lens in order to determine the cause of the hoary appearance of the stem and leaves. A surface such as this plant presents is in very strong contrast with that of the French Weed and Columbine. It may be described as densely *hoary-pubescent*.



Fig. 31.

Examine the leaves and compare the lower ones (Fig. 31) with the upper ones, making drawings of both. Describe the blade.

34. Coming to the flowers, you will observe that we have here a condition almost exactly the same as in French Weed. Each flower is supported upon a *pedicel* of its own, the latter being an offshoot of the main stem, and all the flowers together clearly form a cluster, the whole being borne by the *peduncle* or upper part of the main stem. Which are the earliest flowers in such a cluster?

Select now a well-developed flower and examine in the usual order. The calyx presents some new features. Its parts are not entirely separate from each other as in all the previous flowers. For half their length or more

Fig. 31.—Leaf of same.