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A BOTANICAL INVENTORY OF THE ROCKY FLATS AEC SITE

Progress Report

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ABSTRACT OF PROGRESS REPORT

Plant collections on the Rocky Flats site began in June 1973 and will be completed in June 1974. Replicate sets of the collections are deposited at the University of Colorado Museum, the Rocky Flats Plant, and Colorado State University. An interim report consisting of an annotated list of species is in preparation at the present time.

A botanical inventory of the Rocky Flats Site

PROGRESS REPORT

During the field season, June-September 1973, our team made collections of plants, including flowering plants, bryophytes and lichens, over the entire site. A good record was made since the season was good from the standpoint of growth as a result of good winter and spring precipitation. In fact, several species were discovered which had been regarded as rareities in the region. However, the late start caused us to miss the early flowering period of April and May. We plan to close this gap during the next few months.

We have pressed, dried, sorted, identified, labelled and mounted one set of the collection for permanent record in the University of Colorado Museum Herbarium (COLO) and a second set for on-site permanent reference to be housed at the Rocky Flats Plant. A third set has been given to the herbarium at Colorado State University for the use of the researchers there who have been conducting ecological investigations on the fauna.

At the present time we are preparing an interim report which will consist of an annotated list of the species, their occurrence on the site, plus various groups of information concerning recognition, abundance, geographical distribution and other information which may help to answer questions of a botanical nature. After the field work of the current season is completed, we shall up-date this report for final publication and thus complete the work of the original grant proposal. The principal investigator's time contribution has been 5% and this will continue to the closing date of May 31, 1974.

15 Feb. 1974

William A. Weber
Principal Investigator