

From Hawaii Volcanoes

The Resources Management Division of Hawaii Volcanoes NP recently acquired an IBM-PC. Using software, such as Ashton-Tate's *dBase II*, Lotus Development Corporation's *Lotus 1,2,3* and Software System's *Multimate*, the PC has become a useful tool in analyzing field data in feral animal control, exotic plant control, and nene (Hawaiian goose) restoration programs. The PC also is being used in many administrative functions.

The database management system is ideal for data storage and retrieval. *Lotus 1,2,3* analysis and graphing functions allow data to be presented in many ways and can provide the manager quickly, with numerous options, greatly enhancing decision-making. Technical papers, as well as correspondence, are handled by the word processing software.

Specific applications so far include entering field observations and vital statistics in the endangered Hawaiian goose (nene) restoration program, treatment data in the exotic plant control program, property inventory, livestock and hunting dog vital statistics and history, and budgetary records. The Research Scientist is using a feral pig population model developed by Dr. Reginald Barrett in evaluating research progress in feral pig control methods. Although the system has been in the park for less than a year, already it has proven a valuable asset to Resources Management and Research.

Christine Iha
Hawaii Volcanoes NP
Hawaii 96718-0052