

## MEMORANDUM

Date: February 20, 1998

To: Members of the SCB Natural Resources Monitoring Working Group (NRMWG): Randy Bartlett (ML&P); Marie Bruegman (USFWS); Luisa Castro (SCB); Ron Canarella (DLNR); Gene Conrad; Coleen Cory (TNC); Nancy Glover (SCB); Jim Jacobi (BRD); Kapua Kawelo (US Army); Jobie Rohrer (US Army); Philip Thomas (HEAR/RCUH)

From: Luisa Castro and Nancy Glover (SCB)

Re: Minutes from 12/02/97 meeting at TNCH

Draft Meeting Minutes: December 12, 1997

Guest Speaker: Ann Bartuska of the US Forest Service.

Ann Bartuska (Director, Forest Health Protection) discussed the US Forest Service's Forest Health Monitoring Program (FHM). The mission of the FHM Program is to develop and implement a cooperative multi-agency program to monitor, assess, and report on the long-term status, changes, and trends in forest ecosystem health and sustainability in the United States. The US Forest Service is looking at how to link the FHM Program to the Santiago Declaration. The Santiago Declaration is a multi-country statement on criteria and indicators for the conservation and sustainable management of temperate and boreal forests. The interest in forest restoration and the development of a forest industry in the State of Hawaii could be accomplished via the framework set forth by the FHM Program.

New Members: Kapua Kawelo and Jobie Rohrer from the Environmental division of the US Army Garrison. Discussion on their program.

Kapua provided a background of the Army's training lands and the purpose for the Environmental Division as the division that will monitor impacts to the environment due to military training. Kapua discussed their monitoring programs underway for ungulates, incipient weeds, rare plants, birds, rats, snails, and streams. Kapua also brought up the difficulties of monitoring 46,000 acres ranging from dry forests to bogs. She explained how their methodology is evolving to be specific to their needs. Questions that have come up for the Environmental division are: the efficiency and timeliness of using GPS; how to conduct widespread vegetation monitoring; how to install transects without leaving tracks of having been there; and how to standardize their monitoring methods for various ecosystems. Ron volunteered to give Kapua maps with smaller contour scale for mapping purposes. Joan Yoshioka at TNC Molokai was mentioned as a possible source for monitoring that is repeatable.