

RESUME FOR PATRICK BILY

- ██████████ Essex College, Maryland; graduated with Associates degree in Social Sciences (Sociology/Psychology); discontinued school to support self.
- 1976-1984: worked as farm laborer, growing and maintaining various vegetable, fruit, and flower crops on numerous farms in Kula, Maui. Worked with the fledgling Protea industry during its infancy in Hawaii.
- 1977-78: worked for Maui Association for Retarded Citizens (MARC) to utilize skills in sociology/psychology.
- 1982-1991: worked for various landscaping businesses; later set up own landscape service with 15 different accounts, where I specialized in landscape design, irrigation, pest control, and plant establishment, with personal nursery supplying inventory.
- 1983-1984: worked for USDA, PPQ, at Kahului airport inspections when Maui first began direct flights to the mainland.
- 1990-present: worked for The Nature Conservancy of Hawaii (TNCH), performing a variety of conservation protection duties but specializing in invasive plant control objective and designing strategies. Currently Science Specialist at Maui office, serving as general botanist. Authored protocols for The Nature Conservancy such as Gear Sanitation (to avoid spreading weeds or insects to natural areas), Remote Area Herbicide Safety and Use, Pesticide section of TNCH's Safety Manual, TNC's Maui Weed Plan, survey designs, and others.
- 1991-present: original member of the Maui Melastome Action Committee which later evolved into the Maui Invasive Species Committee, which I have chaired since 2009.

--Familiarity with general use pesticides; decades of experience with herbicide-use in natural areas.
--Familiarity with innovative methods of herbicide application to minimize quantities used and avoid non-target damage. Knowledge of various standard herbicides and newer families of herbicides.
--Possessed certification for use of Restricted Pesticides (through HDOA pesticide enforcement branch) since 1982, however have only applied restricted use pesticides when working on farms.
--Began process for Special Local Need label for Hawaii to apply the herbicide Escort as a control for Himalayan ginger in 2001, by supplying data, logs, photos, and justification to Dupont and EPA.
--Management of invasive plants since 1982, experience using pesticides in Hawaii and reading the labels since the late 1970's. Currently working on innovative herbicide application techniques with Dr. James Leary, with the goals of target specificity and reduction of overall herbicide quantity needed.
--Experience working with various conservation and government agencies through partnerships (such as watershed partnerships), providing advice on best methods for control of priority weeds.

Pat Bily
Invasive Plant Specialist



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