

# Hawaii Cooperative Studies Unit Technical Reports

## March 2012

Reports are available in PDF format for download at <http://hilo.hawaii.edu/hcsu/publications.php>

- #1. Haines, W. and D. Foote. 2005. Rapid assessment of invertebrate fauna of the Kona Forest Unit of Hakalau National Wildlife Refuge.
- #2. Haws, Maria. 2006. Natural resources management needs for coastal and littoral marine ecosystems of the U.S. affiliated Pacific Islands.
- #3. Friedlander, A. M. and E.K. Brown. 2006. Hanalei Bay, Kaua'i marine benthic communities since 1992: spatial and temporal trends in a dynamic Hawaiian coral reef ecosystem.
- #4. Hess, S. C., J. J. Jeffrey, D. L. Ball, and L. Babich. 2006. Efficacy of Feral Pig Removals at Hakalau Forest National Wildlife Refuge.
- #5. Camp, R. J. 2007. Measurement Errors in Hawaiian Forest Bird Surveys and Their Effect on Density Estimation.
- #6. Price, J. and J.D. Jacobi. 2007. Rapid Assessment of Vegetation at Six Potential 'Alala Release Sites on the Island of Hawai'i.
- #7. Citta, J., M.H. Reynolds, and N.E. Seavy. 2007. Seabird Monitoring Assessment For Hawai'i and the Pacific Islands (936.4 KB pdf). Section III Estimators for #7:
  - Estimator 1 - Adjust MICs for detectability (see pages 76 & 77)
  - Estimator 2 - Simple random sample abundance estimator (see pages 78 & 81)
  - Estimator 3 - Adjust MICs for asynchrony when the entire island is counted (see page 79)
  - Estimator 4 - Adjust MICs for asynchrony when the entire island is not counted (see page (88))
  - Estimator 5 - Estimator for reproductive success (see page 91)
- #8. Price, J.P., S.M. Gon, J.D. Jacobi, and D. Matsuwaki. 2007. Mapping Plant Species Ranges in the Hawaiian Islands: Developing a Methodology and Associated GIS Layers.
- #9. Gorresen, P. M., R. J. Camp, J. L. Klavitter, and T. K. Pratt. 2008. Abundance, distribution and population trend of the Hawaiian hawk: 1998-2007.
- #10. Hess, S.C., H. Hansen, P.C. Banko. 2008. Reducing Feral Cat Threats to Native Wildlife in Hawai'i.
- #11. Camp, R.J, T.K. Pratt, P.M. Gorresen, J.J. Jeffrey, and B.L. Woodworth. 2009. Passerine Bird Trends at Hakalau Forest National Wildlife Refuge, Hawaii. (838KB)
- #12. Camp, R.J., P.M Gorresen, T.K. Pratt, and B.L. Woodworth. 2009. Population trends of native Hawaiian forest birds, 1976-2008: the data and statistical analyses.
- #13. Thaxton, J.M., and J.D. Jacobi. 2009. Assessment of Fuels, Potential Fire Behavior, and Management Options in Subalpine Vegetation on Mauna Kea Volcano, Hawai'i.
- #14. Warshauer, F. R., J. D. Jacobi, and J. Price 2009. Native coastal flora and plant communities in Hawai'i: Their composition, distribution, and status.
- #15. Pratt, L. W., J. R. VanDeMark, and M. Euaparadorn. 2010. Limiting factors of five rare plant species in mesic forests of Hawai'i Volcanoes National Park.
- #16. Camp, R.J., T.K. Pratt, J.D. Jacobi, P.M Gorresen, and T. Rubenstein. 2010. Status and trends of native birds in the Keauhou and Kilauea Forest, Hawai i Island.
- #17. Atkinson, C.T. and R.B. Utzurrum. 2010. Changes in prevalence of avian malaria on the Alakai'i Plateau, Kaua'i. Hawai'i, 1997-2007.
- #18. VanDeMark, J. R., L. W. Pratt, and M. Euaparadorn. 2010. Limiting factors of four rare plant species in Ola`a Forest of Hawai'i Volcanoes National Park.

- #19. Atkinson, C.T., Wiegand, D. T., and Jarvi, S.I. 2011. Efficacy of commercial canarypox vaccine for protecting Hawai'i 'Amakihi from field isolates of Avipoxvirus.
- #20. Jacobi, J. D., Warshauer, F. R., Price, J. 2011. Baseline survey for rare plant species and native plant communities within the Kamehameha Schools' Lupea safe harbor planning project area, North Kona district, Island of Hawai'i.
- #21. Reynolds, M. H., Brinck, K.W., Laniawe, L. 2011. Population estimates and monitoring guidelines for endangered Laysan Teal, *Anas Laysanensis*, at Midway Atoll: Pilot Study Results 2008-2010.
- #22. Camp, R. J. and Gorresen, P.M. 2011. Design of Forest Bird Monitoring for Strategic Habitat Conservation on Kaua'i Island, Hawai'i.
- #23. Pratt, L. 2011. Vegetation Assessment of forests of Pagan Island, Commonwealth of the Northern Mariana Islands.
- #24. Pratt, L. 2011. Status and Limiting Factors of Three Rare Plant Species in the Coastal Lowlands and Mid-Elevation Woodlands of Hawai'i Volcanoes National Park.
- #25. Pratt, L. 2011. Rare and Endangered Species of Hawai'i Volcanoes National Park: Endangered, Threatened, and Rare Animal, Plant, and Community Handbook (PENDING)
- #26. Camp, R. J. and Gorresen, P.M. 2011. Forest bird monitoring protocol for strategic habitat conservation and endangered species management on O'ahu Forest National Wildlife Refuge, Island of O'ahu, Hawai'i.
- #27. Peck, R. W., and P. C. Banko. 2011. Survey of invasive ants at Hakalau Forest National Wildlife Refuge.
- #28. Foote, D., Hanna, C., King, C. and E. B. Spurr. 2011. Efficacy of fipronil for the suppression of invasive yellowjacket wasps in Hawai'i Volcanoes National Park.