

A RADIO TELEMETRY METHOD
FOR ERADICATING REMNANT FERAL GOATS
IN HAWAI'I VOLCANOES NATIONAL PARK*

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The release into the wild of goats bearing radio transmitters has enabled managers to eliminate remnants of a once large and uncontrolled feral goat population. Since 1981, the last 257 feral goats remaining within the fenced portions of Hawai'i Volcanoes National Park (95% of former goat habitat) have been eliminated. Thirty-three of these were located by tracking radio signals from transmitters on released cohorts. Radio telemetry tracking of released goats reduced average three-year costs of conventional hunting from \$138 to \$89 per goat killed. This method is more efficient than conventional hunting and is also an effective method for long-term monitoring.

*ABSTRACT