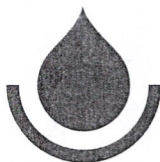


BOARD OF WATER SUPPLY

CITY AND COUNTY OF HONOLULU
630 SOUTH BERETANIA STREET
HONOLULU, HI 96843
www.boardofwatersupply.com



October 27, 2017

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Deputy Manager and Chief Engineer *EW*

Mr. Tom Lodge, Chair
Hawaii County Game Management Advisory Commission
74-5044 Ane Keohokalole Highway, Building C
Kailua-Kona, Hawaii 96740

Dear Mr. Lodge:

Subject: Your Letter Regarding the Waianae Hunting Association Goat Control Proposal

Thank you for your letter requesting the Board of Water Supply (BWS) meet with the Waianae Hunting Association to discuss their proposal to control the goat populations in Makaha and Waianae Valleys.

We are in the process of setting up a meeting with the Waianae Hunting Association representatives to discuss the proposal and BWS issues, and look forward to an open dialogue.

If you have any questions, please contact Amy Tsuneyoshi, Hydrology-Geology Branch of our Water Resources Division at 748-5936 or by email at atsuneyoshi@hbws.org.

Very truly yours,

ERNEST Y. W. LAU, P.E.
Manager and Chief Engineer

cc: Ryan Peralta, Division of Forestry and Wildlife

GAME BIRD ABUNDANCE

BACKGROUND: I hunted the western slopes of Mauna Kea extensively the past fall and spring during the Upland Game Bird/Spring Turkey Hunting Seasons. From the observed limited bird production and lack of hunter harvest success, it was unquestionably the worst season I have experienced in the 22 years I have hunted on the Big Island. Fellow hunters I contacted shared that assessment.

One of the manifestations of game bird abundance and a seasonal success predictor that I use is a count of smashed birds along high speed roadways traversing game bird habitat. On a round trip excursion along the length of Saddle Road on the weekend prior to the opening of the 2017-2018 Game Bird Season, I saw but one dead bird. Not a good sign.

For this Season's opening weekend I hunted Kapapala Ranch on the eastern slope of Mauna Loa along with 39 other hunters. Harvest data indicated one bird taken per every three hunters; not a booming success story when the DLNR-established bag limit is three birds per hunter, an inverse ratio. Next week I will try Mauna Kea, but I'm not expecting much different results.

Midway through the 2016-2017 Season, I met with Shaya Honarvar and Joey Mello to describe my observations and express my concerns over an apparent reduction in game bird abundance. I related my experiences in finding fireweed stems and buds in the crops of Erckel's francolins and Ring-necked pheasants which I harvested. A U. H. Manoa Report⁽¹⁾ indicated that the second most susceptible animal group to fireweed poisoning is poultry. I questioned whether that could account for low game bird production, but have not yet heard a response.

I was recently advised of another predation on game birds noted by Leopold 80 years ago⁽²⁾. In Georgia in 1928, fire ants destroyed over 12 percent of quail nests by invading eggs as they pipped.

Although mitigation efforts have been made, both fireweed and fire ants remain out of control, and appear well on the way to occupying vast portions of the Island of Hawaii. From the dense vegetation encountered, game bird habitat has appeared to receive adequate and dispersed rainfall. Could the proliferation of either, or both of the invasive species mentioned be related to the apparent decline in game bird abundance?

QUESTION: An average of 500 persons hunt gamebirds on Mauna Kea on opening weekend. Many continue that pursuit throughout the Island during the 3-month long season. Scientific methods are in place to determine and monitor forest bird populations. Is it not incumbent on DLNR to develop similar procedures to determine abundance and actively monitor the health of Hawaii's game bird species?

Richard Hoeflinger 11-06-17

(1) Fireweed Control: An Adaptive Management Approach. Mark S. Thorne, et al. U.H. Manoa, 2005. Page 2.

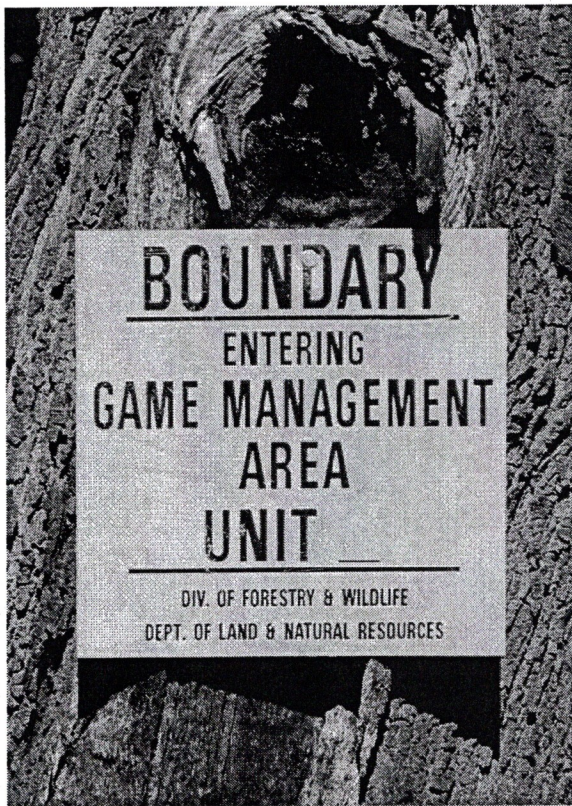
(2) Game Management. Aldo Leopold, 1933. Page 40.

Tom Lodge

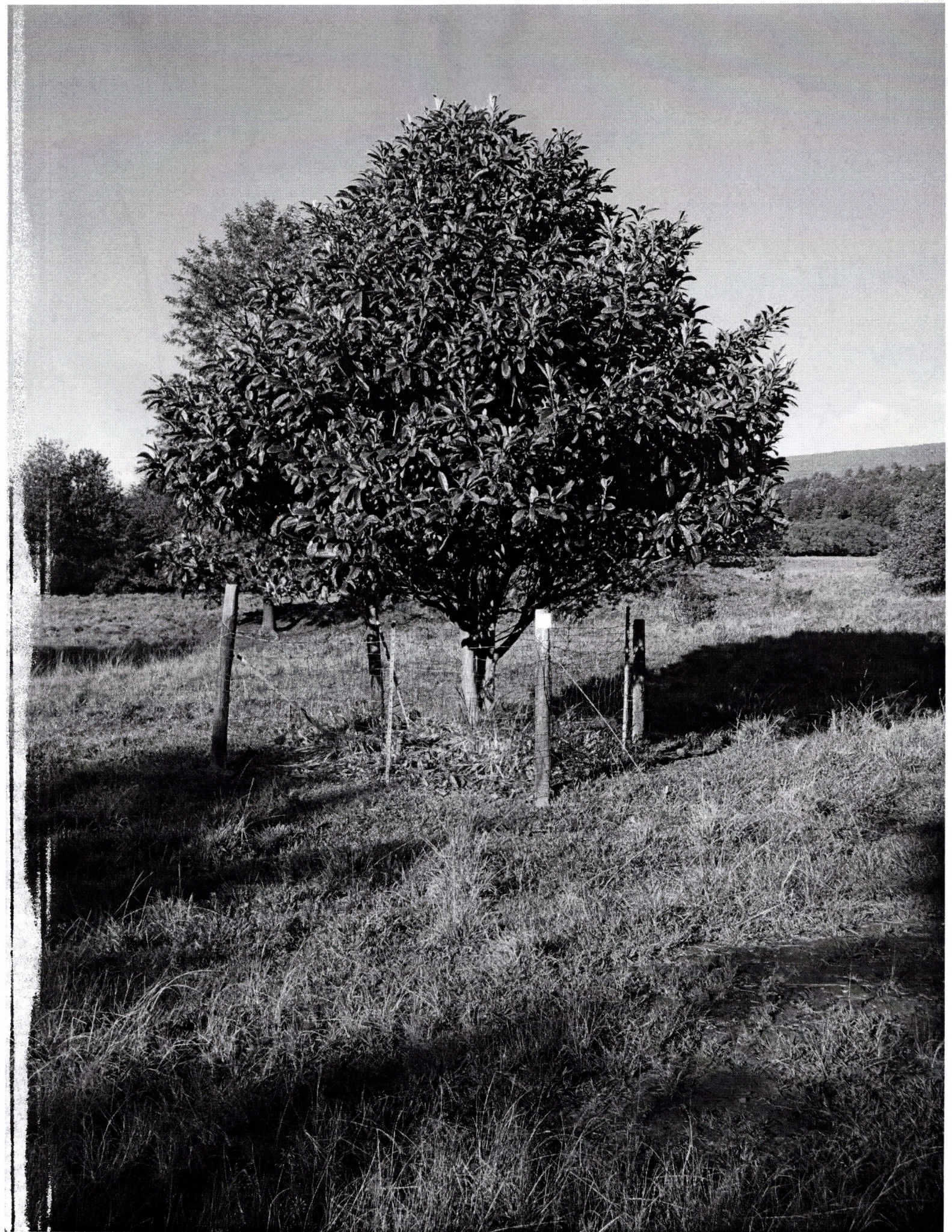
From: Richard Hoeflinger <hilodik@gmail.com>
Sent: Saturday, November 4, 2017 1:24 PM
To: Lodge, Tom
Subject: Question for David Smith

Follow Up Flag: Follow up
Flag Status: Flagged

The Hawaii Island KAPAPALA RANCH COOPERATIVE GAME MANAGEMENT AREA, as DLNR refers to Kapapala Ranch, is open to game bird hunting during the fall season. Pictured signs surround proscribed hunting area boundaries.



QUESTION: Please describe specific actions taken by DLNR to 'manage game' in the subject hunting area.



expdelt:rpt 6:01PM
 10/19/2017
 Periods: 1 through 3

Expenditure Detail Report
 COUNTY OF HAWAII
 07/01/2017 through 09/30/2017

010 General Fund

Account Number	Adjusted Appropriation	Expenditures	Year-to-date Expenditures	Year-to-date Encumbrances	Balance	Prc't Used
111 Executive						
111.5111 Office Of Management						
111.5111.47 Game Management Advisory Comm						
111.5111.47.106 Game Mgmt Advisory Comm, Printing	400.00	0.00	0.00	0.00	400.00	0.00
111.5111.47.112 Game Mgmt Advisory Comm, Mileage & Auto	2,000.00	0.00	0.00	0.00	2,000.00	0.00
111.5111.47.235 Game Mgmt Advisory Comm, Misc Materials	850.00	0.00	0.00	0.00	850.00	0.00
111.5111.47.341 Game Mgmt Advisory Comm, Misc. Charges	1,750.00	0.00	0.00	0.00	1,750.00	0.00
7/21/2017 invoice IN 722581		91.25				
Line Description: Game Management Advisory Commi Document Description : 06/27/17*GAME MANAGEMENT ADVISORY COMMIS		60.83				
Vendor: 01520 CAFE 100 INC Check # 1004694						
8/21/2017 invoice IN 722587		33.30				
Line Description: GMAC meeting on 7/25/17 ~ Document Description : GAME MANAGEMENT ADVISORY COMMISSION						
Vendor: 01520 CAFE 100 INC Check # 1006707						
8/21/2017 invoice IN Reimburse-Urban-Higu						
Line Description: L&L Hawaiian BBQ - Reimburseme Document Description : GAME MANAGEMENT ADVISORY COMMISSION						
Vendor: 54152 URBAN-HIGUCHI, DANICITA Check # 1007123						
111.5111.47.341 Game Mgmt Advisory Comm, Misc. Charges	1,750.00	185.38	185.38	0.00	1,564.62	10.59
Total General Fund	5,000.00	185.38	185.38	0.00	4,814.62	3.71
Grand Total	5,000.00	185.38	185.38	0.00	4,814.62	3.71

(Not all accounts may be included.)