

at 55 nests. Each nest was filmed for four hours, for a total of more than 200 nest-hours. We took blood samples from 19 different males whose attentiveness at several nests each was

shifts are lengthy, which means that females come and go infrequently. Using dataloggers on two nests that she had ferreted out, Becca showed that yellowthroats spend an average of 28 minutes on the nest and 13 minutes off, far longer than most songbirds on Kent Island. Curiously, yellowthroats on the mainland allegedly

The big weather story of 1999 was the drought, which lasted from the end of March until mid-August. The total rainfall in June and July was less than in any summer since Bob Cunningham began taking meteorological data in 1937. In spite of near normal total rainfall in August, the three-month total was the second lowest in 50 years. Because of the parched ground, we often had difficulty erecting mistnet poles. The island's vegetation was stunted and thin and by late July "the fields looked rather fallish," according to Bob. The Mountain Ashes aborted virtually all

decades ago, making us feel quite spoiled with our photovoltaics and solar shower. Associate Dean for Academic Affairs Allen Wells and his son David timed their visit for a spectacular trip to Machias Seal Island. Louise Huntington brought her violin and teamed up with flautist Rachel and vocalists Becca and Genie in a magnificent Bach performance at sunset on the lawn.

My ornithology class opened the station in late April. While we were mistnetting in the north field on an unseasonably warm afternoon, the sky suddenly darkened. Ten minutes later our nets were hidden in a snow squall which blanketed the island white. After that, we walked to the south end to watch five Harlequin Ducks. The last trip of the year was my ecology class field trip in mid-September, after which Russell closed the station down until next spring.

Addenda to the List of Publications from the Bowdoin Scientific Station

More than 140 articles have been published in peer-reviewed journals based on research on Kent Island. Papers with an author who was an undergraduate at the Bowdoin Scientific Station are indicated by asterisks. Numbers in parentheses represent Contribution Numbers from the Bowdoin Scientific Station.

**Freeman-Gallant, C.R. and M. D. Rothstein. 1999. Apparent heritability of parental care in Savannah Sparrows. *Auk* 116: 1132-1136. (141)

**Futamura, C.W., and N.T. Wheelwright. 2000. The mosses of Kent Island, New Brunswick.