

Population ecology of the mallard.

U.S. Dept. of the Interior, Fish and Wildlife Service - Mallard Duck Facts



Description: -

H.W. Caslon and Company.
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Bird populations -- North America.
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Population Regulation in the Mallard (*Anas platyrhynchos*) on JSTOR

One can make several general distinctions about different methods of sampling insects. If short duration segments were spatially associated close to, or intermixed with, long duration segments the p-value would be near 0.

Objective For Population Ecology

Statistical analyses To quantify duck movements and variation among the species and sexes for each different season we included only groups with sample sizes of at least 5 individuals and modeled a variety of metrics that estimated distances moved, area used and how time was allocated throughout the day segments and patches; Table. A reasonable compromise between the two approaches is a stratified random or randomized block design in which the sample universe is divided into regularly spaced subunits or blocks and samples are selected at random from each block.

GPS tracking data reveals daily spatio

We used this tool by sampling a unique bearing and distance from Lake Constance and calculated the corresponding location in space from the starting location using Great Circle methods.

Population Ecology of the Mallard. IV. A Review of Duck Hunting Regulations, Activity, and Success, with Special Reference to the Mallard.

Experimental studies show that predators modify their search behavior when nest densities are altered experimentally Martin, 1988b.

Mallard

Indirect support for the food limitation hypothesis is provided by the success of laboratory selection programs in which natural enemies are provided abundant food, by the general trend that natural enemies evolve resistance in the field only when their prey or hosts are resistant or are protected from pesticide exposure, and by theoretical models. These results are summarized in , which additionally shows the density of simulated trajectories. We further extended our mechanistic dispersal model to explore the effect of pre-migratory fasting or departure lag time; on the realized dispersal distances and explicitly accounted for availability of a suitable habitat to estimate the impact of stopover behavior on the

probability of effective successful dispersal.

Ecology and Natural Resources: Mallard population and harvest dynamics in Wisconsin (No. 106): Contents

When integrated sensibly into wildlife or endangered species monitoring programs, PVA can be a powerful tool to assist in decision making within an adaptive management framework. Our study illustrates how fine-scale movement data from tracking help understand and inform various other fields of research. In some comparisons, Central Flyway mallards exhibited slightly higher survival rates than mallards from other flyways.

Mallard Duck Facts

Weighted mean estimates of continental survival rates were computed for the period 1960-77 from both winter banding data and preseason banding of adults. Offspring in most sexual species inherit half their genes from their mother and half from their father, and their genetic makeup is therefore different from either parent or any other individual in the population.

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