## A place for the birds



Nancy Sadion: Don't immediately take down dead trees.

 "Golf courses are ideally suited for giving sanctuary to birds," says Nancy Sadlon, environmental specialist for the United States Golf Association. "They are often lacking in only one or two small details which keep them from being the most attractive areas (for bird habitation) in the community."

She suggests that golf courses provide birds with the basic elements: food, water, cover and space for nesting. To achieve this, she recommends 14 golf management projects:

1) Start with an inventory of the course to find out what's living in it and where.

2) Optimize the "edge habitat," where one type of habitat meets another. The greater amount of edge you have, the greater the diversity in species.

3) Maximize the vegetation levels that exist. From groundcovers, to vines, to understory trees, to forest. Don't take out understory areas unless it's absolutely necessary.

4) Compromise some of the turf areas for other groundcover, native grass or wildflowers. "This is very important to groundnesting birds and also provides a food source," Sadlon says.

5) Resist temptation to widen the fairways.

6) Provide slope changes and dust paths for ground-feeding birds.

7) Recognize, preserve or create food patches. These natural meadow areas are very high with plant materials that are important food sources.

8) Provide bird-attracting flowers into your garden areas to attract hummingbirds and butterflies.

9) Construct and/or restore native dunes or native grass areas

10) Provide brush piles. Don't mulch them and make them disappear right away. "They're real

important in cooler areas," Sadlon adds.

11) Provide windbreaks. Much larger windbreaks are needed in the West.

12) Plant bird-attracting fruitbearing trees and shrubs to provide important berries.

13) Provide water areas, and leave some edge vegetation; for food, cover and pollution filtration. Preserve wetlands and streams.

14) Preserve natural cavity nesting areas-tree snags-or provide artificial nest boxes. "Don't run out and immediately take down the An occasional birdhouse dead tree," she concludes. Photos courtesy of USGA



provides birds with a manmade shelter.

commercial landscapes.

"I've had a pretty steady stream of landscapers check out the long unmowed fescues," Kosoglov admits. "I've got a feeling they'll be using them on slopes and unmowed areas. I've worked with some of the landscapers, and we've developed pretty good relationships."

The Audubon program-"The New York State Audubon Society has a program to register properties," says Kosoglov. "One of the types of properties they want to get registered is golf courses.

"They provide information on how to improve the properties for birds. We've enacted a few (of the society's programs). but not as many as we'd like."

The Audubon Cooperative Sanctuary System works like this, according to the society's staff ecologist Jean Mackay: for a \$100 fee, a participating golf course is asked to fill out a "wildlife inventory." The Audubon Society then sends the course a written report with suggestions about how it can take specific steps to attract and preserve wildlife.

"Some courses are already doing wonderful things," says Mackay. "But they still sign up and we can then tell them how to enhance their existing programs."



Kosoglov: unmowed fine-leaf fescues provide prairie grass look on slopes.

The sanctuary registration system began in 1990. More than 400 golf courses are already participating.

For more information, write or phone the Audubon Society of New York State, Inc. at: Hollyhock Hollow Sanctuary, Route 2, Box 131, Selkirk, NY 12158; (518)

767-9051.

Long grasses—David Stone at The Honors Course in Ooltewah, Tenn. uses broomsedge, weeping lovegrass, lespedezia and tall fescue between greens, tees and landing areas. Native shrubs and tall grasses border the roughs, streams and pond shorelines for bird nesting.

"Our course looks different from one season to the next, and that adds interest," Stone admits.

An avid naturalist, The Honors Course's superintendent developed several programs to help identify, monitor and encourage a variety of wildlife species using the course's environment. Not surprisingly, The Honors Course was recognized in 1991 by the USGA for its conservation and preservation activities, the first course so honored.

Ugly weeds in the tall grass are mechanically removed by chopping. Stone also uses a Bushhog on different parts of the course at different times of the year.

"Brush piles are great places for rabbits to hide," Stone says. "But there is a fire hazard."