



# Controlling Nuisance Woodpeckers in New Mexico

Guide L-211

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## INTRODUCTION

Several species of woodpeckers, flickers and sapsuckers live in a variety of habitats throughout New Mexico. Under most circumstances, they are beneficial to the natural environment. However, their hammering or drumming on buildings and other structures may cause significant damage.

Most damage from woodpeckers in New Mexico occurs in urban and suburban areas. Spring generally is the worst season, corresponding to the breeding season and territory establishment. However, woodpecker damage can occur throughout the year. The northern flicker, yellow-bellied sapsucker, red-bellied woodpecker and red-headed woodpecker are the most common species that create damage in New Mexico.

Drumming is the term used to describe the rapid pecking woodpeckers make on hard surfaces. In the spring, they drum to establish territories and to attract mates. Metal items, such as gutters, drain spouts, street lights and TV antennas, may be chosen for drumming sites. Although metal surfaces are seldom damaged, the noise can be frustrating. When woodpeckers drum on structures, such as wooden siding, eaves, trim boards or stucco, damage may be extensive.

Extensive damage also can occur when woodpeckers create holes while searching for insects or excavating nesting cavities. These holes can be round and smooth or vertical, rough gashes that are 1 to several inches long. Woodpeckers, particularly sapsuckers, may damage ornamental and fruit trees.

## BIOLOGY AND IDENTIFICATION

Woodpeckers generally prefer snags or partially dead trees for nesting sites. They also can be seen readily pecking holes in trees and wooden structures in search of insects, spiders and ants. While many woodpecker species feed primarily on insects, some also eat berries, fruit, nuts, seeds and sap. For example, sapsuckers eat sap they obtain by pecking rows of small holes through the bark of live trees.

Woodpeckers, flickers and sapsuckers are 5 to 15 inches long. Their stout, sharply pointed beaks are well-adapted for pecking into wood in search of insects and to chisel out nesting cavities. They have relatively short legs and usually four toes with sharp claws. Two of the toes point inward, while the other two point backward, which allows them to cling to tree trunks and branches. They also have stiff tail feathers, which they use to brace themselves against the tree. Woodpeckers generally fly with a series of rapid wing flaps followed by short glides with the wings folded against the body.

Woodpeckers breed in the spring and commonly lay three to six eggs. The incubation period generally lasts for only 11 to 14 days. Many woodpeckers have two broods per year, but some species may have three.

### Northern Flicker

The northern flicker (*Colaptes auratus*) also is commonly called the "common flicker," "red-shafted flicker" or "yellow-shafted flicker." The northern flicker is about the size of a pigeon with a brown back and dark bars and spots (fig. 1). The head is gray with a brown crown. The male also has a distinct, red mustache stripe. In flight, its white rump and yellow- or salmon-colored underwings and tail show.

### Yellow-Bellied Sapsucker

The yellow-bellied sapsucker (*Sphyrapicus varius*) is about 8 1/2 inches in length with a red forehead patch and a long, white wing patch (fig. 2). The male has a patch of red on its throat, while the female has only a partly red to white throat.

### Red-Bellied Woodpecker

The red-bellied woodpecker (*Melanerpes carolinus*) is about the same size as a robin. Its back and upper wings are barred with black and white feathers, giving a "ladder back" appearance (fig. 3). The male has red feathers on the top of its head and back of its neck. The female has red feathers only on the back of its neck.



**Figure 1. Northern flicker (Ohio Department of Natural Resources).**



**Figure 2. Yellow-bellied sapsucker (Ann Cook, 2001).**



**Figure 3. Red-bellied woodpecker (Peter Wallack).**



**Figure 4. Red-headed woodpecker (Ohio Department of Natural Resources).**

### Red-Headed Woodpecker

The red-headed woodpecker (*Melanerpes erythrocephalus*) is about 10 inches long, and its entire head is red (fig. 4). Its wings and tail are bluish black, and it has a large, white wing patch on each wing. It also has a white rump, which is evident when flying.

### DAMAGE PREVENTION AND CONTROL METHODS

Woodpeckers can be extremely persistent and are not easily driven from their territories or drumming sites. Therefore, damage prevention and control methods must be implemented immediately after woodpeckers begin creating damage. A combination of control methods also may be needed to control woodpeckers successfully.

### Restrictions

Woodpeckers are listed as migratory, nongame birds and are protected by state and federal laws. Permits must be obtained from the U.S. Fish and Wildlife Service before live trapping or killing of woodpeckers is attempted. There must be good justification for the issu-

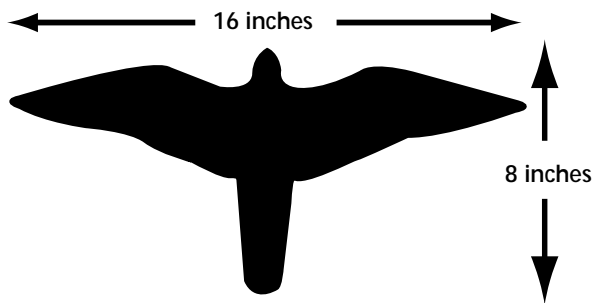
ance of a permit. Contact the Migratory Bird Office for the U.S. Fish and Wildlife Service in Albuquerque at (505) 248-7882.

### Habitat Modification

In some cases, eliminating foods that attract woodpeckers to areas near buildings, such as suet at bird feeders, may be helpful. Dead trees also may harbor insects that attract woodpeckers and, therefore, may need to be removed. However, removing such trees may deny woodpeckers of drumming, nesting or food sites, forcing them to use the building instead. In fact, allowing large dead limbs to remain on trees has, in some cases, reduced damage to buildings.

### Repellents

Sometimes, visual and auditory repellents may deter woodpeckers from drumming if used soon after the damage begins. Hawk or falcon silhouettes can be constructed from plywood, cardboard or construction paper (fig. 5); painted black; and hung from the eaves of the building near the damage sites. A 1-foot piece of monofilament line can be attached to the silhouette at



**Figure 5. Hawk or falcon silhouette (Texas Wildlife Damage Management Service, 1998).**

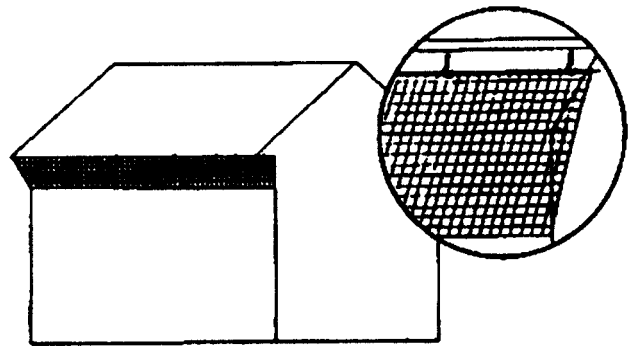
the beak, using a fishing swivel and hung near the drumming site. This allows the silhouette to move freely in the breeze. Two silhouettes used at one drumming site sometimes provide better results. Moving the location of the silhouettes daily also helps prevent the woodpecker from becoming too familiar with them. Owl silhouettes, owl decoys, rubber snakes and cat silhouettes generally are ineffective.

Aluminum foil strips or brightly colored plastic strips 2 to 3 inches wide and 2 to 3 feet long can be attached to a 6-inch long string and hung above the drumming site. Attach the strips so that they hang freely and move with every breeze.

Sound also can be used to harass nuisance woodpeckers. Loud noises from clapping hands, shooting a toy cap pistol, playing a radio or banging pans may frighten the woodpeckers from the area. However, auditory repellents must be used persistently to be effective.

Water sprinklers sometimes prevent woodpeckers from damaging buildings. Direct a water stream at the area the woodpecker is damaging. The sprinkler can be turned on whenever the bird begins drumming and left on until it leaves.

Taste or odor repellents generally are ineffective. Sticky or tacky bird repellents, such as Bird Tanglefoot and 4-The-Birds, applied in the damaged area and for several feet on either side have been effective in some cases. The birds don't get trapped in the sticky or tacky repellents, but they dislike the tacky footing. Smearing the tacky bird repellents on limbs or trunks where sap-suckers are causing damage can sometimes discourage the birds away from high-value ornamental trees. The same types of repellents also can be applied to damaged areas on wood or stucco siding. However, some sticky



**Figure 6. Plastic netting used to exclude woodpeckers from eaves. The inset shows one attachment method that uses hooks and wooden dowels (Texas Wildlife Damage Management Service, 1998).**

bird repellents will discolor the material to which they are applied. During warm weather, they may run and leave streaks. Because the repellents may stain, they should be applied to masking tape and not directly on the surface to be treated.

It is important to remember that in many cases repellents only provide temporary protection. Therefore, exclusion practices must be used to provide long-lasting nuisance woodpecker control.

#### Exclusion

One of the most effective ways to exclude woodpeckers from damaging wood or stucco siding beneath the eaves is to use plastic or nylon netting. Netting (3/4-inch mesh) should be attached to the overhanging eaves and angled back to the siding below the drumming site. Make sure that the netting is taut and leave at least 3 inches of space between the netting and the building (fig. 6).

Metal sheathing or 1/4-inch hardware cloth can be placed over pecked areas on buildings to provide permanent protection from continued damage. However, sometimes the birds will move to an unprotected spot, and the protected area will have to be expanded.

Ornamental and fruit trees can be protected by covering the damaged areas with 1/4-inch hardware cloth, plastic mesh or burlap. Draping plastic or nylon netting over the entire tree also will provide protection from woodpecker damage.

#### Trapping

It may be necessary to kill the birds if nonlethal methods are unsuccessful (see Restrictions). The federal permit will explain whether trapping and/or shooting are allowed.

Nailing wooden-based rat snap traps to the damaged area can be effective for killing the offending birds. The

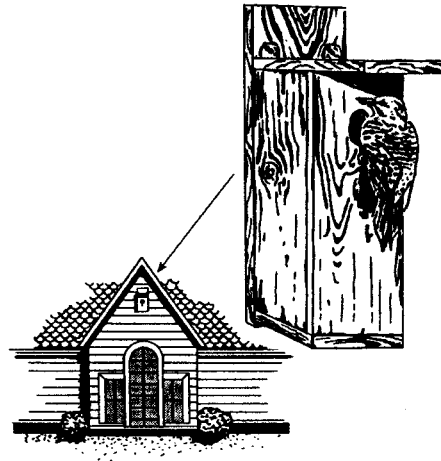
trap should be secured to the building with the trigger placed down along the damaged area. Make certain the traps are out of reach of children and pets. Baits include walnuts, almonds, pecans or suet.

Shooting offending woodpeckers with air rifles or .22-caliber rifles with dust shot or BB caps can be effective. Be sure to check with local authorities on the use of firearms. Good judgment must be used around homes and buildings.

#### Other Control Methods

Placing suet stations near damaged buildings occasionally will entice woodpeckers away. However, do not offer suet during the warmer seasons, because it may be harmful to woodpeckers. The suet can get on the bird's feathers and may lead to matting and eventual feather loss.

Some success has been achieved by placing cavity-type nest boxes near the damaged area on the building or on trees near the building for woodpeckers, especially northern flickers (fig. 7). Nest boxes are constructed of wood with an entrance hole 16 to 20 inches above the floor and about 2 1/2 inches in diameter. The nest box should be about 6 by 6 inches in width and about 22 to 26 inches in height. A thick layer of sawdust should be placed in the bottom of the nest box. Be aware, however, that woodpeckers may construct new cavities next to the nest box.



**Figure 7. Nest box used to reduce damage by wood peckers (Lee and Henderson, 1992).**

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#### ACKNOWLEDGEMENTS

Much of the information for this publication was adapted from:

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