

GENERAL NOTES

A Trapping Technique for Burrowing Owls.—Most investigators of Burrowing Owl (*Speotyto cunicularia*) biology have not utilized numbers of marked birds. Brenckle (1936) reports banding 376 Burrowing Owls but does not detail his method. The habitat preference of Burrowing Owls makes mist nets unsatisfactory for reasons listed by S. G. Martin (1969). Mechanical spring traps as described by Lockley and Russel (1953) are usually inadequate for several reasons: 1. Struggling bait may trigger the trap prematurely; 2. Burrowing Owls may hit the bait in a stoop without stopping, spring the trap, and evade capture; 3. The foraging of Burrowing Owls is greatest at night when darkness hinders observations of the trap. The Bal-Chatri described by G. R. Austing (1964), modified for small raptors, is incompatible with the method used by the owls in capturing prey. The use of padded claw traps on artificial perches works, but may fracture the bird's leg. None of these methods captures nestlings.

I have used Havahart traps with great success. This involves modifying the first 30 inches or so of the burrow tunnel to accommodate a 7 x 25 inch Havahart. When inserting the trap into the tunnel care must be taken to insure all movable parts are free. Any animal entering or leaving the burrow thus must pass through the trap and over the triggering pan. Traps of this size can be inserted into a burrow with minimum excavation.

The most successful time to trap was early in the breeding cycle. At this time the owls have a strong attachment to the burrow and will not abandon it if it's disturbed. Traps set after the young fledged usually failed because the owls were independent of any particular burrow. Trapping success was greatest during the peak feeding periods: 1800 to 2400 and from 0400 to 0600.

LITERATURE CITED

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Sunflower seed carrying by Red-bellied Woodpeckers (*Centurus carolinus*). We first began feeding birds at our present home 5 miles west of Chapel Hill in November 1969. A pair of Red-bellied Woodpeckers rapidly became regular visitors to our feeder. The female of this pair was readily recognizable by a peculiar patch of black just anterior to the red on the nape. The birds fed on suet and millet, but a favored food was the seeds of the sunflower (*Helianthus annuus*). The seeds were carried one at a time to nearby trees, wedged into a suitable crevice, the seed coat broken by hammering with the beak, the meat broken to pieces by hammering and the bits were then consumed. This type of feeding behavior is commonly observed in woodpeckers of this genus. In early May, I noted seed-carrying behavior which I believe has not been described previously for woodpeckers. The birds picked up as many as 6 or 7 sunflower seeds at a visit, carefully maneuvering the seeds so that each was placed with the long axis across the beak with the ends protruding on each side of the beak. A bird spent as much as 80 or 90 seconds picking up seeds and maneuvering them into place. When the bird had a full load of seeds, its appearance was reminiscent of that of a Common Puffin (*Fratereula artica*) carrying a load of fish, and my wife and I referred to it as "puffin behavior." The birds carrying seeds invariably flew off to the west to an area in which I suspected they were nesting. I was unable to find the nest in the dense forest about our home. The seed-carrying behavior was observed only during an 11-day period. Three days after the last observation of seed-carrying, young woodpeckers appeared with our resident pair at our feeder and were fed suet, millet, and sunflower seeds by their parents. The sunflower