ley 1976, Duncan 1979). The relatively high number of juvenile Red-winged Blackbirds and especially House Wrens in the prey sample suggests selection for juvenile birds.

RESUMEN.—Una pareja de Gavilán Pechirrojo Menor (Accipiter striatus), en época de anidar, ha sido observada cerca de Beaverhill Lake, Alberta. El nido estaba ubicado a 2.4 m sobre el suelo en un bajo Alamo Temblón (Populus tremuloides) dentro de una área densa de sauces (Salix spp.). La hembra puso cuatro huevos, tres de los cuales incubaron bien, y las crías emplumaron hasta volar. El macho fue el que hizo la mayoría de la caza, haciendo presa, predominantemente, de jóvenes Tordos Sargento (Agelaius phoeniceus) y de Trogloditas Continental (Troglodytes aedon). Se observó que el macho capturaba y consumía grandes polillas.

[Traducción de Eudoxio Paredes-Ruiz]

ACKNOWLEDGMENTS

I thank Sheila Braun, Valerie Kerr, Dick Decker and Matt Besko for assisting with the observations. I am grateful to the Beaverhill Bird Observatory for cooperation on the research area. The comments of Drs. W.M. Samuel and G.L. Holroyd on this manuscript were greatly appreciated. This research was supported by the Canadian Wildlife Service, the University of Alberta and the Alberta Summer Temporary Employment Program through a grant to the Edmonton Natural History Club.

LITERATURE CITED

Brown, L. and D. Amadon. 1968. Eagles, hawks and falcons of the world. McGraw-Hill Book Co., NY.

DUNCAN, S. 1979. An analysis of the stomach contents of some Sharp-shinned Hawks (Accipiter striatus). J. Field Ornithol. 51:178.

EVANS, D.L. 1982. Status reports on twelve raptors. USDI Fish and Wildlife Service, Special Scientific Report—Wildlife, No. 238.

NOON B.R. 1981. Techniques for sampling avian habitats. Pages 42–50 in D.E. Capen [Ed.], The use of multivariate statistics in studies of wildlife habitat, Workshop proceedings. U.S. Forest Service, General Technical Report RM-87, Fort Collins, CO.

PLATT, J.B. 1976. Sharp-shinned Hawk nesting and nest site selection in Utah. *Condor* 78:102-103.

QUINN, M.S. 1989. Factors regulating the breeding population, reproductive success and mating system of House Wrens (*Troglodytes aedon*) at Beaverhill Lake, AB. M.Sc. thesis, Department of Forest Science, University of Alberta, Edmonton.

REYNOLDS, R.T. AND E.C. MESLOW. 1984. Partitioning of food and niche characteristics of coexisting accipiter during breeding. *Auk* 101:761-779.

———, E.C. MESLOW AND H.M. WIGHT. 1982. Nesting habitat of coexisting accipiter in Oregon. J. Wildl. Manage. 46:124-138.

SNYDER, N.F.R. AND J.W. WILEY. 1976. Sexual size dimorphism in hawks and owls of North America. Ornithological Monographs No. 20, American Ornithologists' Union, Lawrence, KS.

Received 19 June 1990; accepted 28 November 1990

J. Raptor Res. 25(1):19-20 © 1991 The Raptor Research Foundation, Inc.

ORNATE HAWK-EAGLE FEEDING ON GREEN IGUANA

JACK CLINTON-EITNIEAR

Center for the Study of Tropical Birds, Inc., 218 Conway, San Antonio, TX 78209-1716

MICHAEL R. GARTSIDE P.O. Box 20219, Charleston, SC 29413

MARK A. KAINER

Department of Biology, Southwest Texas State University, San Marcos, TX 78666

The Ornate Hawk-eagle (Spizaetus ornatus) is a scarce resident of dense subtropical and tropical forests from southern Mexico to northern Argentina (Eitniear 1986, 1988, Brown and Amadon 1968). The species is stated to

be the rarest of the three hawk-eagles in Belize (Hartshorn el al. 1984). Lyon and Kuhnigk (1985) documented both mammalian and avian prey species but considered the Ornate Hawk-eagle a specialist on birds. This note doc-

uments an additional sighting of the species feeding on Green Iguanas (*Iguana iguana*) in Belize.

On 28 May 1990, we observed an Ornate Hawk-eagle feeding on a Green Iguana while perched in a tree on the banks of the Raspaculo branch of the Rio Guacamayo, 4 km upstream from the confluence of the Raspaculo and Guacamayo. Several minutes after our arrival the hawkeagle attempted to carry the prey to another branch in a nearby tree. The hawk-eagle was unable to lift the iguana, however, and both plummeted into the underbrush, where the hawk-eagle continued to feed on the lizard. The entire episode was documented on video tape, which is deposited in the video library of the Center for the Study of Tropical Birds, Inc. An earlier sighting was made by Mick Fleming in the fall of 1987. In the same area as the 1990 sighting, Fleming's party observed an Ornate Hawk-eagle flying across the Raspaculo with an adult Green Iguana in its talons. The bird alighted in a nearby tree where it consumed its prey (Fleming 1987).

In Tikal National Park, 70-80 km northwest of the Raspaculo River, Lyon and Kuhnigk (1985) observed Ornate Hawk-eagles feeding upon a young tinamou (Tinamidae), a Plain Chachalaca (Ortalis vetula), a young Crested Guan (Penelope purpurascens), a Gray-headed Dove (Leptotila plumbeiceps) and a leaf-nosed bat (Phyllostomidae). More recently, also in Tikal National Park, Flatten et al. (1989) recorded 52 Ornate Hawk-eagle prey items of which 21 (40.4%) were identified as avian, 24 (46.1%) as mammalian, and 7 (13.5%) were unidentifiable. Klein et al. (1988) reported that 63.5% of prey items were avian, including macaws (Ara spp.). The Ornate Hawk-eagle has been reported to feed upon Great Curassow (Crax rubra) (Russell 1964), Kinkajoo (Potus flavus) (Brown and Amadon 1968), and Guiana Cock-of-the-Rock (Rupicola rupicola) (Trail 1987). An additional report of this species feeding on a reptile was made by Klein et al. (1988) who mentioned that the hawk-eagle fed upon an unidentified snake and a lizard (Teiidae) in Manaus, Brazil.

Since previous studies of this raptor have not been conducted along rivers where Green Iguanas are abundant, our sighting (despite abundant avian prey items) suggests that the Ornate Hawk-eagle, like most raptors, will take vulnerable prey species when they become available. Therefore, the Ornate Hawk-eagle should be considered more opportunistic than previously believed.

RESUMEN.—Los autores observaron un Aguila Elegante (Spizaetus ornatus) consumir una iguana (Iguana iguana)

en Belice. Se considera que esta especie se alimenta principalmente de aves. Sin embargo, este registro, así como los dos documentados y publicados previamente, indican que el águila exhibe el mismo comportamiento oportunista documentado en aves rapaces que habitan zonas de clima templado del norte.

ACKNOWLEDGMENTS

We thank Lloyd Kiff for his comments on this manuscript and Mick Fleming and Mr. Oscar Rosado for sharing their previous experiences with the species and the region.

LITERATURE CITED

Brown, L. and D. Amadon. 1968. Eagles, hawks and falcons of the world. McGraw-Hill Book Co., New York.

ETTNIEAR, J.C. 1986. Status of the large forest eagles of Belize. Bull. Int. Council Bird Preservation, World Working Group on Birds of Prey 3:107-110.

——. 1988. Status of the Ornate Hawk-eagle in Mexico and Central America. The Eyas 11(2):8-10.

FLATTEN, C.J., J.A. MADRID, A.E. HERNANDEZ AND R.P. GERHARDT. 1989. Observations at the nest of an Ornate Hawk-eagle (*Spizaetus ornatus*). Maya Project, Progress Report 11:69–80.

FLEMING, M. 1987. Wild animal sightings on the Raspaculo. Newsletter of the Belize Audubon Society, December.

HARTSHORN, G., L. NICOLAIT, L. HARTSHORN, G. BE-VIER, R. BRIGHTMAN, J. CAL, A. CAWICH, W. DAVID-SON, R. DUBOIS, C. DYER, J. GIBSON, W. HAWLEY, J. LEONARD, R. NICOLAIT, D. WEYER, H. WHITE AND C. WRIGHT. 1984. Belize country environmental profile. Imprenta Trejos, San Jose, Costa Rica.

KLEIN, B.C., L.H. HARPER, R.O. BIERREGAARD, AND G.V. POWELL. 1988. The nesting and feeding behavior of the Ornate Hawk-eagle near Manaus, Brazil. *The Condor* 90:239-241.

Lyon, B., A. Kuhnigk. 1985. Observations on nesting Ornate Hawk-eagles in Guatemala. *Wilson Bull.* 97: 141-147.

Russell, S.M. 1964. A distributional study of the birds of British Honduras. *Ornithol. Monogr.*, No. 1.

TRAIL, P.W. 1987. Predation and antipredator behavior at Guiana Cock-of-the-Rock leks. Auh 104:496-507.

Received 9 August 1990; accepted 3 December 1990