

1. Species: *Joshawk*. 2. Number: 1

3. Locations: within 1 mile radius, center 1 mile SW of Coralville Dam on Iowa River.

4. Dates: a) Nov. 17, 1972; b) ~~December~~ <sup>January</sup> 14, 1973; c) January 28, 1973

5. Time: about 4 P.M., all 3 times.

6. Description: a) Brief glimps of large, gray bird; b) Seen flying from window of living room, below eye level; back slaty, wings banded dark brown and light gray, no white on rump; tail banded like wings, dark on light gray; accipiter shape: broad wings, longish tail; white stripe over eye distinct. & c) Dark slaty cap and cheek patch clear; red eyes; back gray, wings distinctly brownish; white line over eye very conspicuous; underside light, with fine horizontal gray banding; fluffy white undertail coverts distinct; yellow legs; large, considerably larger than crow (hence considered ♀).

7. a) Pursued by screaming blue jays, series of loud "kat, kat" sounds uttered. b) and c): silent.

8. a) Flying among tall trees of dense forested area near the water's edge; b) flying with steady wingbeats close to ground; c) briefly perched on branch of bare elm, flew over with wings beating rather fast to another, then off into sun.

9. a) Dense forest of tall trees; b) flying out of ravine with sparse trees and dense shrubbery on slopes across underdeveloped lot with recently planted trees, over artificial pond, disappearing in brush with a few taller trees; hence seen rising and pursued by car, seen disappearing in forested area contiguous with that where seen under a). c) In ravine overlooked by our living room, perched on two elm trees about 30-40 feet tall, then flying into more densely wooded, W end of ravine where trees ~~more numerous~~ and taller.

10. Cooper's hawk: much larger than even large ♀. Eyestripe (white) distinct, underside barring grey, not reddish. Marsh hawk: accipiter shape (rounded wings), no white on rump when seen flying from above.

11. a) Several hundred feet (est.). b) About 200 feet when nearest during flight (est.). c) Trees on which perched 60 and 40 feet from viewing point by corner windows (est.).
12. Optical equipment: 7x35 binoculars, after spotting with naked eye.
13. a) Overcast, getting rather dark. b) Light overcast, sun setting behind me, bird due east, flying south to north. c) Bright sunshine, 45° and 90° angle between sun on bird and vertical with the two respective perches.
14. Previous experience: none with goshawk; very familiar with marsh hawk, Cooper's seen twice.
15. Other observers: a) none; b) wife pursued in car; c) wife joined to watch from window.
16. Agreed with identification on the basis of illustrations shown.
17. None. Goshawk reported in CBC from this area seen by Fred Kent and Dr. Robert Lane was in heavy timber 15 miles NW from here and described as probably a ♂, hence probably 2 birds in this vicinity winter '72/'73.
18. Robbins et al., Peterson, Audubon Water Birds (Pough), Sprunt's N. American Birds of Prey, Reilly's Handbook, Roberts' The Birds of Minnesota, Bent, Brown and Audubon's Eagles, Hawks and Falcons of the World. For voice, Cornell Eastern record played immediately after return home following a) sighting. Voice matched ex<sub>2</sub> of, but refrained from listing bird because of failure of other books to mention localization away from nest. Physical appearance like that for adult ♀, as described and illustrated, except for brownish wings, depicted as gray by most, but so described by Roberts. Also looked up in "Fuerter: The Singular Beauty of Birds", where misidentified as gyrfalcon (!).

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