

1992-1840

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Lat/long _____ Reporter _____ Sci Name _____
Habitat _____ Record type _____ Serial No. DEC 10 1982 - 069
Date/time _____ Disposition _____ Cx Nos. _____

Common Name BROAD-WINGED HAWK
Scientific Name Buteo platypterus
Sight date 22 Sept '82 time see below duration see below
Distance from bird see below
Light conditions "
Optical equip. 10 X 40 Zeiss Binos / 7X25 Bushnells
Photo. equip. _____
Number of this species seen 3
Notes made at time of sighting Date this report was prepared _____
Notes made later from memory
Photo available Photo enclosed 22 Sept. '82

Weather at time of this observation.
Clear - Temp. in low 70's
winds 10-20 out of the west

Prior weather & number of days since change
see below

Locality
Wellsville mtns near Mendon, Cache Co., UT.

Male <input type="checkbox"/>	Adult <input checked="" type="checkbox"/>	Age unk. <input type="checkbox"/>	Basic Plumage <input type="checkbox"/>	Light Phase <input type="checkbox"/>
Female <input type="checkbox"/>	Subadult <input type="checkbox"/>	♀ or Imm <input type="checkbox"/>	Breeding <input type="checkbox"/>	Dark Phase <input type="checkbox"/>
Sex Unk. <input type="checkbox"/>	Juv/Imm <input checked="" type="checkbox"/>	2/3 year bird <input type="checkbox"/>	Eclipse/Winter <input type="checkbox"/>	Molting <input type="checkbox"/>

Description of bird: Size, Colors, all field marks OBSERVED - Unique features of this bird, if any.

BIRD 1 - at app 1430 hrs., Mtn. Standard Time I observed 3 hawks in 1 field of view - fairly high above the main ridge of the Wellsvilles - well in front of my position. One was a Sharp-shin, one an adult Red-tail, one a Buteo of an intermediate size. The bird was basically white below except for black wing-tips (from below) and a dark (but not black) terminal band to the wings. As the bird circled, it rose much faster than ~~the~~ the Red-tail for the same number of turns in the same thermal. As it came overhead, I could clearly see a lightly banded tail (as an imm. Red-tail shows bands through the tail in good light). The size, ~~and~~ shape and behavior were as good marks as any (see sketch reverse). The bird was seen for a couple minutes.

BIRD 2 - at app. 1445 hrs M.S.T. I observed a full adult Broad-wing at eye level at a distance of 60-80 meters to the west. The most obvious mark was the tail banding; 3 Broad bands: Black, white, black. The chest was barred, more heavily on the chest than the belly. Because of partial back-lighting, colors weren't discernable. The underwing pattern was as above.

BIRD 3 - at app 1525 hrs. MST I observed an imm. Broadwing directly overhead at very close range. This bird is best described as being more or less identical with the photo on p. 107 of A Guide to Hawk Watching in North America by Don Heintzelman, 1979. i.e. there was a "hooded" pattern to the head, white throat, spotted chest, wing pattern as above, tail pattern as described for bird one.

All 3 birds were seen in the company of other species: Sharp-shins, American kestrels, Red-tails, etc. (a total of 181 hawks seen today in 5 hrs 45 min.)

Field marks which were not seen. Why not?

NONE

Variations from expected field marks.

NONE

List similar species and describe why or how you eliminated them.

Red-tail (imm.) has "belly band" rather than spotted chest, lacks dark border to flight feathers, has strongly patterned underwing linings, different wing shape, and in direct proportion (field comparisons) was much larger

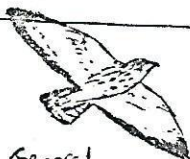
Red-shouldered hawk - much rarer - adult has different tail banding pattern, different wing shape and wing "windows."

Accipiter sp. - long tail with more than 1 white band from above or below, belly of imm. streaked, not spotted (except for Goshawk which has W-pattern on under-tail pattern and is much larger)

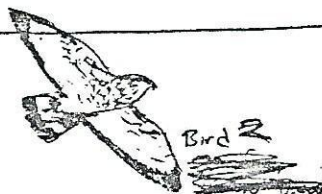
Behavior of this bird. Include names of other birds with this one and any interaction.

see above

SKETCHES



General Appearance of Birds 1 & 3



Bird 2

Habitat this location and near by or adjacent habitat if significant.

along ridge of wellsvilles

Describe birds song or sounds. Weather INFO.

During the previous week, a strong upper air mass low pressure system settled into the N. Utah/S. Idaho area and persisted for a week. On Monday, 19 Sept. the low pressure system broke up. That morning at the same location, winds were SE at 1-5 mph, shifting to West, via the North (ie counterclockwise shift) at 12:45 MST and picking up to 5-10 MPH. winds today (and presumably yesterday) were West (WSW to WNW) at 10-20 MPH

Names of other observers. A/C+phone#

Keith Archibald
801/752-8258

What is your experience with this or similar birds?

Very extensive - I've had 8 years experience taking hawk counts at Hawk Mtn. Sanctuary - I've seen many thousands of Broadwings and other hawks there as well as in my home state of N.C. I'm additionally familiar (to varying degrees) with every species of North American diurnal raptor.

Print name & mailing address below

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Signature