

The bird is definitely not a duck or crow. I am confident it is a large woodpecker. I base this conclusion on two attributes: the small upstroke/downstroke span ratio and the periodic 1-2 frame (field) pauses in mid-upstroke during which the bird holds its wings flexed in a "bound" posture. I detect these bounds at time 00:06, 00:08, 00:17 and perhaps at other times. This style of flight is consistent with PIWO, but I do not think that it rules out the bird being an IBWO. Casual observers of a live bird in the field (e.g. Tanner) would likely miss the brief pauses even if they were present. The pauses are very brief, which rules out a Northern Flicker. The only other candidate species that come to mind are Blue Jay or Belted Kingfisher. I haven't looked closely at the flight of those species.

The bird appears to have a wingbeat frequency of 10-12 Hz. In a couple of locations, I estimate 5 fields per wingbeat. In another interval, 5.5 to 6 fields per wingbeat. Wingbeat frequency of 10-12 Hz is approximately double that of the PIWO (5.2 +/-0.4 Hz). So the wingbeat frequency would seem much too high (well outside three standard deviations) to be from a PIWO.

There are two fields in which there is considerable white (or light gray) visible on the upper surface of the wings. One occurs at 00:08, and the other is at 00:15. Those patches of light-colored feathers would seem to be consistent with an IBWO.

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