

What species? Pine Warbler 1 How many? 1 1983
 Location? Hamilton Co., IA (Anderson - Goose Lake) Near Jewell
 Type of habitat? Marsh shoreline with cotton woods, shrubs.
 When? date(s): May 13 time: 3:10 to 3:20
 Who? your name and address: JOE P. Schaufenbuel 924 Pammel Ct Ames 50010
 others with you: _____
 others before or after you: _____

Describe the bird(s) including only what you observed. Include size, shape, details of all parts (bill, eye, head, neck, back, wing, tail, throat, breast, belly, under tail, legs, feet). Also mention voice and behavior.

Warbler. Dull green unstreaked back. Wingbars were white. Greenish crown. Yellow ~~superciliary~~ ^{superciliary}. Dark eye-line. Yellow wash from throat to upper belly with obscure streaking from corner of beak to upper belly. White belly and undertail. Tail dark with strong white border on tail nearly Junco-like. Bill was long, narrow and typically warbler-like.

Bird was observed feeding on ground and in low shrubbery. Song was a weak chipping-sparrow-like thrill. Legs were dark, eye dark. Otherwise wing dull colored, rump greenish.

Similar species and how eliminated: ♀ Blackpoll has back streaks & yellow legs
 Yellow-thr. Vireo, has prominent ~~spectacles~~ and sings much differently
 ♀ Yellow-rumps have yellow rump. ♀ Cape May Larks yellow on head & breast
 Did any one disagree or have reservations about identification? NA

If yes, explain: NA

Viewing conditions: give lighting, distance (how measured), and optical equipment:

Excellent. Bright sunlight, bird was observed at many angles as closely as 20 ft. With 7X35 binoculars

Previous experience with species and similar ones: Have observed species a number of times previously in N. Carolina and Iowa

References and persons consulted before writing description: Rabbit's Field Guide

How long before field notes made? 5 days this form completed? 5 days.

MAIL TO: T. H. Kent, Field Reports Editor, 211 Richards Street, Iowa City IA 52240

Joe Schaufenbuel.