

**The Upland Sandpiper is a rare breeder in the Hudson River Valley. It can be seen during spring and fall migration in low grassy areas, such as turf farms.**

### Conservation Status

The Upland Sandpiper is listed as a Species of Greatest Conservation Need and Threatened in New York. It is also considered a Species of High Concern by the Northern Atlantic Regional Shorebird Plan. Breeding Bird Survey data show a drastic population decline in NY since 1966. NY Breeding Bird Atlas maps also show reduction in distribution in the Hudson River Valley.

### Identification

This species has a long neck, large eyes, small dovelike head, and characteristic "wolf whistle" call, which make it easy to identify. It is about 12" high, with a wing span of about 26," a scaly-brown back, streaked breast and neck, and a white belly. The bill is about the same length as the head. Upland Sandpipers can often be seen perched on fence posts.



Ideal American Kestrel habitat contains open fields with scattered perches.

### Habitat

The Upland Sandpiper needs large open areas of short grass for feeding and courtship, interspersed with taller grasses for nesting and brood cover. At a minimum, they need about 150 acres of open habitat. Typical habitats include grazed pastures, meadows, hayfields, airfields, and open grassy areas. A pair's territory size is about 20-30 acres.

### Food

This bird eats mainly insects such as grasshoppers and crickets, but will also pick up seeds. It looks like a robin when it feeds, running along the ground and then pausing if it detects something edible.

### Nesting

Their nest is a shallow depression in the ground lined with dry grass. Nests are usually well hidden, frequently by vegetation that hangs over the nest, hiding it from above.

### Threats

- Changes in farming practices, including earlier and more frequent mowing and increased cultivation of row crops.
- Loss and fragmentation of grasslands due to increased suburban development.
- Natural forest succession of abandoned farmlands.
- Degradation of grassland bird habitat due to increased use of pesticides and removal of hedgerows.

**Management Recommendations**

- Avoid disturbance of suitable habitat (e.g., mowing) during the breeding season, April 1 to August 15.
- Nesting fields should be mowed every 1-3 years, to provide grass that is 6-8" tall at time of spring arrival.
- To prevent succession, fields should be burned or cut back every 5-10 years after September 1 or before May 1.
- Reducing or eliminating the use of pesticides can increase insect prey base.



Grassland habitat in NY

**This management summary was adapted from Houston and Bowen 2001, NYNHP 2008 and NatureServe 2008.**

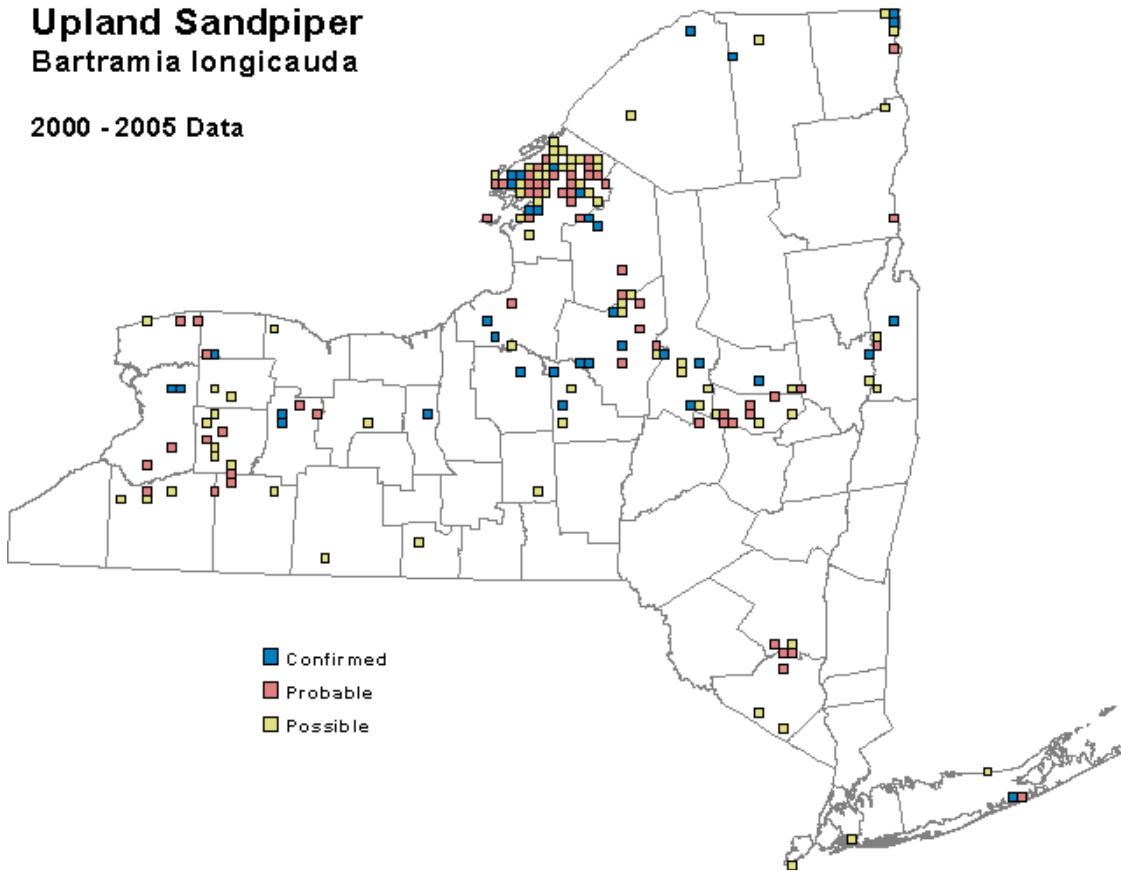
**For additional information, see the following references:**

- Askins, R. A., F. Chavez-Ramirez, B. C. Dale, C. A. Haas, J. R. Herkert, F. L. Knopf, and P. D. Vickery. 2007. Conservation of Grassland Birds in North America: Understanding Ecological Processes in Different Regions. Ornithological Monographs no. 64. American Ornithologists' Union, Washington, DC.
- Bollinger, E.K. 1995. Successional changes and habitat selection in hayfield bird communities. *Auk* 112:720-730. <http://elibrary.unm.edu/sora/Auk/v112n03/p0720-p0730.pdf>.
- Carter, J. W. 1992. Upland Sandpiper, *Bartramia longicauda*. Pages 235–252 in *Migratory Nongame Birds of Management Concern in the Northeast* (K. J. Schneider and D. M. Pence, eds.). U.S. Fish and Wildlife Service, Newton, MA.
- Dechant, J. A., M. F. Dinkins, D. H. Johnson, L. D. Igl, C. M. Goldade. 1999. Effects of management practices on grassland birds: Upland Sandpiper. Northern Prairie Wildl. Res. Center, Jamestown, ND. <http://www.npwrc.usgs.gov/resource/literatr/grasbird/grasbird.html>.
- Houston, C. Stuart and Daniel E. Bowen, Jr. 2001. Upland Sandpiper (*Bartramia longicauda*), *The Birds of North America Online* (A. Poole, ed.). Ithaca: Cornell Lab of Ornithology; Retrieved from the Birds of North America Online: <http://bna.birds.cornell.edu/bna/species/580>.
- NatureServe. 2008. NatureServe Explorer: an online encyclopedia of life [web application]. Version 6.2. NatureServe, Arlington VA. <http://www.natureserve.org/explorer/servlet/NatureServe?searchName=BARTRAMIA+LONGICAUDA>.
- Morgan, M. and M. Burger. 2007. *A Plan for Conserving Grassland Birds in New York*. Audubon New York. Audubon NY, Ithaca, NY.
- (NYNHP) New York Natural Heritage Program. 2008. Online Conservation Guide for *Bartramia longicauda*. Available from: <http://www.acris.nynhp.org/guide.php?id=6861>. Accessed March 16th, 2008.
- Norment, C. 2002. On grassland bird conservation in the northeast. *Auk* 119:271-279.
- Norment, C. J., C. D. Ardizzone, and K. Hartman. 1999. Habitat relations and breeding biology of grassland birds in western New York. *Studies in Avian Biology* no. 19:112–121.
- Throgmartin, W. E., M. G. Knutson, and J. R. Sauer. 2006. Predicting regional abundance of rare grassland birds with a hierarchical spatial count model. *Condor* 108:25-46.
- Wells, J. V., K. V. Rosenberg. 1999. Grassland bird conservation in northeastern North America. *Studies in Avian Biology* no. 19:72–80.
- Winter, M., D.H. Johnson, J.A. Shaffer, T.M. Donovan, and W.D. Svedarsky. 2006. Patch size and landscape effects on density and nesting success of grassland birds. *Journal of Wildlife Management* 70:158-172.

## NYS BREEDING BIRD ATLAS COMPARATIVE DATA

### Upland Sandpiper *Bartramia longicauda*

2000 - 2005 Data



### Upland Sandpiper *Bartramia longicauda*

1980 - 1985 Data

