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THE KENTUCKY WARBLER

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THE COVER

We thank Brainard Palmer-Ball, Jr. for the image of the Say’s Phoebe (*Sayornis saya*) taken 11 September 2010 in Jefferson County (see p. 20). Financial support for color reproduction in this issue provided by the Daniel Boone National Forest.



**DISTRIBUTION OF KENTUCKY SEASONAL REPORT RECORDS,
2002–2008**

Gary Sprandel, Megan Chlopek, and Keith Wethington

Introduction

Seasonal summaries of bird observations have been published in the Kentucky Ornithological Society's (KOS) quarterly journal, *The Kentucky Warbler*, since 1978. Each quarter the authors review and compile reports of bird observations across Kentucky that have been obtained from a variety of sources. Each summary includes new state records, reports of rarities, early or late dates, evidence of irruptions or range changes, and a variety of additional reports bearing some level of significance. In Kentucky, the Department of Fish and Wildlife Resources (KDFWR) has statutory authority for all fish and wildlife species, and the State Nature Preserves Commission (KSNPC) is charged with monitoring and preserving rare species and natural communities. To perform their missions, these agencies require knowledge of the distribution and abundance of wildlife.

For the purposes of this analysis, we converted KOS seasonal reports to geospatial records and examined the usefulness of the digital data. The distribution of the observations contained within the reports was then analyzed. This paper reports on the potential utilization and limits of this information. Readers should be aware that the results presented herein are the result of analysis of only these published observations. Thus, they may not accurately represent the underlying species distributions or trends and likely over-represent the presence of rare or uncommon species. The seasonal report summaries are no substitute for systematic surveys (e.g., Breeding Bird Atlases and Breeding Bird Surveys).

Methods

We obtained Microsoft Word documents containing the pre-press versions of the 24 seasonal reports from Fall 2002 (Busroe 2003) to Summer 2008 (Palmer-Ball, Jr. and McNeely 2008). Our first step was to create a database record for each observation. We determined to the best of our ability the latitude and longitude associated with each location referenced in the reports, along with a precision value indicating both our confidence in the location and the area extent. The precision values were adopted from Natural Heritage Program Methodology (NatureServe 2007) and included the following categories: 1) county only records, 2) accurate to within 5 mi (8 km) or a 7.5 minute topographic quad, 3) accurate to within 1.5 mi (2.4 km), 4) accurate to within 1000 ft (300 m), 5) accurate to within 300 ft (90 m), and 6) not able to be mapped. A variety of sources were used to determine coordinates for each location description. Web sites used included Google search, Google Maps application known as "address matching," "Birding Locations in Kentucky" (KOS 2009), and "Birding in the Upper Cumberland Region" (Stedman 2009). ArcGIS Geographic Information Systems software (ESRI Inc. 2008) was used with data available on the Kentucky Geography Network (Ky. Div. of Geographic Information 2010) including state and local road data (Ky. Dept. of Transportation 2010), named lakes (KDFWR 2010a), and the Geographic Names Information System (U.S. Geological Survey 2010). After data from all 24 seasonal reports were processed, all issues of *The Kentucky Warbler* were searched for *Errata* correcting report data, and relevant observations were corrected. To analyze the efficiency of this approach, hours worked on this project were entered into an electronic itinerary.

Common names were matched with the American Ornithological Union accepted taxonomy (American Ornithologists' Union 1998 and subsequent supplements). Reports of hybrids or individuals not identified to species were not included. The frequency of observations by season and by taxonomic Order was tabulated. Observations were mapped to analyze the geographic distribution by county and by longitudinal and latitudinal bands. Correlation analysis (Snedecor and Cochran 1967, Jandel Scientific 1994) was performed

between the number of observations and number of KOS members per county. We also looked at how many locations had repeated visits to determine the usefulness for monitoring at specific sites.

Spatial statistics allowed determining the mean geographic center of the observations (Mitchell 2005). To look at the potential use of the data by state agencies, we determined the number of observations that occurred within managed lands, specifically State Nature Preserves (SNP) (KSNPC 2007, unpublished data) and Wildlife Management Areas (WMA) (KDFWR 2010b). Additionally observations for State Wildlife Action Plan (SWAP) species (KDFWR 2010c) and KSNPC monitored species (KSNPC 2004) were summarized.

Sigma Stat software was used to compute the average, range, normality, and skewness (Snedecor and Cochran 1967, Jandel Scientific 1994) of the number of observations by observer, location, and species. The averages and ranges of earliest and latest dates within a year for representative wintering, migrant, and breeding species were calculated to explore whether they could be used as acceptable date limits for data verification.

Results

For the 24 seasons in our analysis, 9987 observations of 326 different species at 973 locations were obtained. Seventy-four observations were not used because of either unknown location or unspecific identity (e.g., dowitcher species). Of the 973 locations, 594 (61%) could not be located to within a mile (Table 1). Fall season had the most observations (3692), followed by spring (3265), winter (1823), and summer (1207). It should be noted that our analyses by seasons followed the seasons traditionally utilized in the KOS seasonal reports. Thus, “summer” included only two months (June & July) while “fall” included four months (August through November) and “winter” and “spring” included three months (December through February and March through May, respectively). The most commonly reported taxonomic Order varied by season, with reports of Anseriformes being most prevalent during winter, reports of Passeriformes most prevalent during spring and fall, and reports of Charadriiformes most prevalent during summer (Table 2). These three orders combined represented 75% of the total observations.

Observations were not evenly distributed throughout the state (Fig. 1). The mean observation location was in south-central Ohio County (about 9 mi [14 km] east of Beaver Dam), around 80 mi (50 km) west of the geographic center of the state (Fig. 1). The portion of the state west of 86°W longitude comprises only about one-third of the total area and only 28% of the KOS members reside there, but it produced 62% of the observations. The portion of the state east of 84°W longitude comprises about one-fourth of the total area, but harbors just 5% of the KOS members and produced only 5% of the observations. A weak correlation existed between longitude and the number of observations, with 171 more observations for each degree west ($P=0.08$, $r^2 = 0.32$). There was a correlation between both the observations and members per county and population per county ($P < 0.0001$, non-parametric Spearman-Rank test). The distribution by taxonomic Order varied by longitude with reports of Charadriiformes more frequent in central and western Kentucky (with the mean observation being 15 mi [22 km], west of the overall mean), and reports of Accipitriformes, Falconiformes, and Passeriformes more prevalent in central Kentucky (17 mi [27 km], 23 mi [37 km], and 37 mi [60 km] east of the overall mean, respectively).

Table 1. Number of locations and observations in *The Kentucky Warbler* seasonal reports by precision, 2002-2008. Adopted from Natural Heritage Methodology (NatureServe 2007).

Precision Code	Description of Precision	No. of Locations	No. of Observations
C	County only record	100	1046
G	5 mi (8 km) or to quad or place name	241	3051
M	1.5 mi (2.4 km)	260	3024
T	1000 ft (304 m)	129	1459
S	300 ft (91m)	243	1407

Table 2. Number of published observations from *The Kentucky Warbler* seasonal reports, 2002-2008 by Order. Fall (Aug–Nov), Spring (Mar–May), Summer (Jun–Jul), and Winter (Dec–Feb).

Order	Total	Fall	Spring	Summer	Winter
Anseriformes (Waterfowl)	1390	289	381	119	601
Galliformes (Game birds)	7	1	1	2	3
Gaviiformes (Loons)	151	38	67	14	32
Podicipediformes (Grebes)	164	47	46	24	47
Procellariiformes (Seabirds)	3	2	0	1	0
Ciconiiformes (Storks)	3	3	0	0	0
Suliformes (Cormorants)	95	21	26	44	4
Pelicaniformes (Pelicans & Wading birds)	650	281	196	117	56
Accipitriiformes (Vultures & Hawks)	443	133	119	55	136
Falconiformes (Falcons)	293	122	73	6	92
Gruiformes (Rails)	279	80	105	37	57
Charadriiformes (Shorebirds)	2903	1151	1045	430	277
Columbiformes (Doves)	40	11	10	9	10
Cuculiformes (Cuckoos)	83	25	51	7	0
Strigiformes (Owls)	154	56	26	21	51
Caprimulgiformes (Goatsuckers)	43	28	13	2	0
Apodiformes (Swifts)	99	54	18	1	26
Piciformes (Woodpeckers)	30	14	5	2	9
Passeriformes (Songbirds)	3157	1336	1083	316	422
Totals	9987	3692	3265	1207	1823

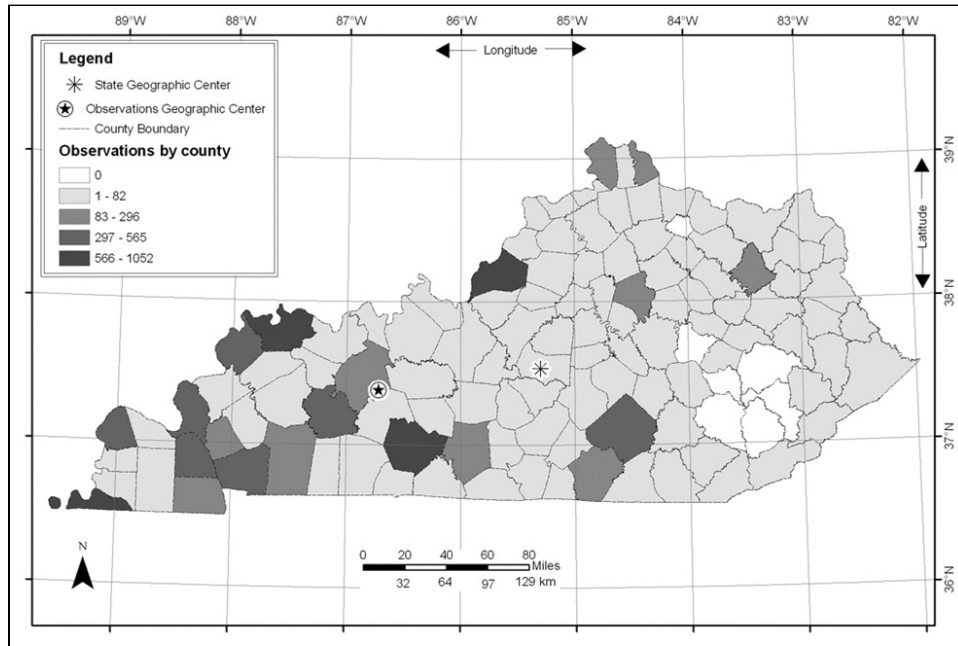


Fig. 1. Distribution of published observations from *The Kentucky Warbler* seasonal reports by county, 2002-2008.

Almost half (47%) of the observations and roughly one-third (31%) of the locations were on land owned and/or managed by a local, state, or federal government entity. Within 31 different WMAs there were 1369 observations with Sloughs WMA (Henderson and Union counties), Peabody WMA (Muhlenberg and Ohio counties), and Ballard WMA (Ballard County) having the most observations (445, 309, and 263, respectively). Within 19 different SNPs there were 143 observations, with Chaney Lake SNP (Warren County), Beargrass Creek SNP (Jefferson County), and John James Audubon State Park SNP (Henderson County) having most (67, 13, and 11, respectively).

The number of observations per location ranged from 1 to 365, with an average of 10.3, and was slightly skewed (skewness = 6.03). The top five locations (<1%) accounted for 4.5% of the observations. Many of the locations were visited in different seasons, but only one location (Kentucky Dam, Livingston/Marshall counties) had an observation for each of the 24 reporting periods. Fifty-one locations had observations for over half of the reporting periods. Just 10% (103) of the locations had an observation in each of the four seasons, 118 in three seasons, 189 in two seasons, and >50% of the locations (563) had an observation in just one season.

There was an average of 30.6 observations per species (range of 1 to 158), and the number of observations per species was normally distributed ($P \leq 0.001$, skewness = 1.45). There were 3985 observations of 90 of the 94 Species of Greatest Conservation Need (SGCN) listed in the State Wildlife Action Plan. Taking into account the correct season (summer for breeding species, winter for wintering species, any season for resident or transient), there were 2681 records for 83 of 94 SGCN species (401 breeding, 128 wintering, 710 resident, 1442 transient records). There were also 529 breeding season records of 41 of KSNPC's 48 monitored breeding bird species.

Average earliest arrival dates for five selected wintering species ranged from 16 August to 16 September, and average latest departure dates ranged from 30 April to 22 May (Table 3). Dates for eleven selected migrant and breeding species were more variable with average arrival as early as 17 March and average departure as late as 18 November (Table 3).

There was an average of 17.4 observations per observer (range 1 to 2149), but five observers accounted for 51% of the observations. The number of observations per observer was not normally distributed ($P \leq 0.001$), and was highly skewed (skewness = 14.41). Two-thirds of the observers reported in only one of the 24 seasons. It took the two principal investigators 157 hours of work to complete this project. This averaged slightly over one observation per minute worked.

Discussion

Data availability

All observations used in this report are now available through a variety of media. In addition to the hard copy versions available in *The Kentucky Warbler*, these data are now available on the internet as county and quad summaries (KDFWR 2010d). Moreover, KDFWR staff now have the detailed data available through an ArcGIS (ESRI Inc. 2008) species distribution mapping application (Sprandel and Vichitbandha 2007). The reports also provide the bulk of material for resources such as the *Annotated Checklist of the Birds of Kentucky* (Palmer-Ball 2003).

Potential uses for the data

Such data are valuable to those investigating a variety of wildlife conservation issues such as "introduction and spread of exotics, the relation between weather patterns and occurrence ..., cyclic invasion, or changes in abundance and distribution" (Robertson 1978). Erickson et al. (2008a) adds "obvious population trends" and "early arrivals and late departures" as additional potential uses. Maximum entropy modeling that uses presence-

only data (such as this), could be used to build species distributions even when location data are not precise (Baldwin 2009). Within KDFWR the data are used for environmental review and species mapping. Additionally, species occurrence checklists are available to WMA managers for use in management plans.

Table 3. Average arrival and departure dates for selected species reported in *The Kentucky Warbler* seasonal reports, 2002-2008. N = 6 for all except for Breeding species, where N = 5 for Yellow-billed Cuckoo (arrival and departure) and Golden-winged Warbler (arrival).

Species	Avg. arrival date (earliest – latest)	Avg. departure date (earliest – latest)
Wintering species		
Gadwall (<i>Anas strepera</i>)	Sep 15 (Aug 01 – Oct 28)	May 21 (May 11 – May 31)
Green-winged Teal (<i>Anas crecca</i>)	Sep 05 (Aug 01 – Nov 18)	Apr 30 (Mar 16 – May 29)
Common Loon (<i>Gavia immer</i>)	Sep 16 (Aug 02 – Nov-07)	May 22 (May 14 – May 30)
Bonaparte's Gull (<i>Chroicocephalus philadelphia</i>)	Sep 06 (Aug 18 – Oct-05)	May 06 (Apr 26 – May 11)
Herring Gull (<i>Larus argentatus</i>)	Aug 16 (Aug 01 – Aug 24)	May 13 (Apr 07 – May 31)
Migrant species		
American Golden-Plover (<i>Pluvialis dominica</i>)	Mar 17 (Mar 03 – Apr 19)	Oct 25 (Sep 25 – Nov 21)
Black-bellied Plover (<i>Pluvialis squatarola</i>)	Apr 27 (Apr 13 – May 07)	Oct 14 (Aug 16 – Nov 01)
Caspian Tern (<i>Hydroprogne caspia</i>)	Apr 02 (Mar 25 – May 01)	Oct 06 (Aug 29 – Nov 18)
Olive-sided Flycatcher (<i>Contopus cooperi</i>)	May 07 (Apr 28 – May 14)	Sep 12 (Aug 27 – Sep 23)
Marsh Wren (<i>Cistothorus palustris</i>)	Apr 05 (Mar 10 – May 05)	Nov 05 (Oct 20 – Nov 20)
Blackpoll Warbler (<i>Dendroica striata</i>)	Apr 22 (Apr 19 – Apr-25)	Oct 06 (Sep 24 – Oct 18)
Breeding species		
Great Egret (<i>Ardea alba</i>)	Mar 22 (Mar 13 – Apr 03)	Nov 18 (Nov 09 – Nov 23)
Yellow-billed Cuckoo (<i>Coccyzus americanus</i>)	Apr 25 (Apr 20 – May 01)	Oct 17 (Sep 23 – Nov 09)
R.-thr. Hummingbird (<i>Archilochus colubris</i>)	Apr 08 (Apr 06 – Apr 12)	Nov 10 (Oct 24 – Nov 29)
Golden-wg. Warbler (<i>Vermivora chrysoptera</i>)	Apr 25 (Apr 20 – May 01)	Oct 01 (Sep 24 – Oct 15)
Bobolink (<i>Dolichonyx oryzivorus</i>)	Apr 25 (Apr 18 – May 05)	Oct 16 (Oct 05 – Oct 30)

These data can be helpful in determining locations of rare species (Erickson et al. 2008b). For example, the Rusty Blackbird (*Euphagus carolinus*) is a wintering species in Kentucky and a KDFWR Species of Greatest Conservation Need (KDFWR 2010c). Thus, finding reliable wintering locations for this species is important for identifying sites for research and monitoring, as well as habitat management. The seasonal reports had 30 occurrences at 23 different locations over the six winters; these records were used to direct surveys for the 2010 Rusty Blackbird Hotspot Blitz (Smithsonian Migratory Bird Center 2010). These data will continue to be used to focus survey efforts in the future.

Additionally, these data may provide records of newly described species or highlight range expansions. For example, the Cackling Goose (*Branta hutchinsii*) is a recently described species (Banks et al. 2004), and the seasonal reports contributed 44 new occurrence records in 17 counties. For the ever-expanding Cattle Egret (*Bubulcus ibis*) (Telfair 2006), there were 28 records in 17 counties; before this effort, the KDFWR species distribution database contained records from just nine counties. For Chuck-will's-widow (*Caprimulgus carolinensis*), the seasonal reports provide anecdotal records at Blue Licks Battlefield State Resort Park (Fleming County) and Big Gimlet Creek (Elliott County) that hint at the expansion predicted by Mengel (1965) into northeastern Kentucky.

Documented ranges of occurrence dates for species (e.g., Table 3) might be used to provide automatic validation of records submitted to eBird (Cornell Lab or Ornithology 2010) or for KDFWR scientific collection permit reporting. Interpreting variation in earliest arrival and latest departure dates, however, is difficult and best done if consistent effort is

applied at consistent locations (Miller-Rushing et al. 2008). Butler (2003) further suggests that arrival dates may be useful to determine effects of climate change, but are most reliable if gathered at a consistent location.

Data limitations

The use of generalized place names can make the data difficult to use. When the location names used in the reports refer to broad areas such as Land Between the Lakes, which covers 107,594 acres (43,541 ha) in Lyon and Trigg counties and has a latitudinal extent of 25 miles (40 km), a specific location cannot be determined. There is also geographic overlap of some locations (i.e., one observation may refer to a generalized place name [e.g., Lower Hickman Bottoms, Fulton County] while another may refer to a specific site within that generalized area [e.g., Lake No. 9, Fulton County]).

Published observations in the seasonal reports are not intended to be an exhaustive, systematic survey of Kentucky birds. Observers choose to report what is most interesting to them. Moreover, the report authors choose what observations to publish for a variety of reasons including what may be most interesting in a given year, a greater awareness of their own observations, or even a desire to encourage participation by individual observers. Thus, the published summaries represent neither random samples nor complete data sets of observations. The data are also of limited use for determining population trends because they lack consistent effort and locations (e.g., Ralph et al. 1995).

Suggestions for improvement of reporting observations

Because only five observers accounted for over half of the observations, we encourage wider reporting by KOS members. We also encourage reporting in the seven eastern Kentucky counties with no observations.

The use of standard names (especially DeLorme 2005 and U.S. Geological Survey 2010) for places and roads would better help determine locations. For generalized features such as “the Ohio River,” including a unique qualifier (e.g., Ohio River at Roebling Bridge) would make reports much more useful. We suggest that locations should have a maximum size of one square mile (260 ha) to increase the precision of the data for mapping species occurrences. For example, instead of “US 68 in Trigg Co.,” a more specific description such as “US 68, 0.5 mile west of its intersection with KY 1585” is suggested.

Including clear evidence of breeding as in Palmer-Ball (1996) would be particularly important for breeding or resident KSNPC-listed and SWAP species. For example, for Golden-winged Warbler (*Vermivora chrysoptera*), a species of concern for both KSNPC and KDFWR, the seasonal reports had 46 spring records of presumed migrants but only four that indicated definite breeding.

The current format of *The Kentucky Warbler* does not lend itself to highly detailed records of species occurrence. For sensitive species like the Barn Owl (*Tyto alba*), KDFWR has been successful at soliciting more specific information from users of the BIRDKY listserv (KOS 2011) and KOS members (K. Heyden, pers. comm.). Rather than risking disturbance by posting specific coordinates on the listserv, a general location can be posted and more detailed information including latitude and longitude taken by a Global Position System (GPS) can be sent privately by email. The eBird application can also be used for observations of targeted species as demonstrated by the 2009-2011 Rusty Blackbird Hot-spot Blitzes. Future efforts might involve looking at gathering data directly from eBird or BIRDKY postings. Future requests for more detailed species information may be made on BIRDKY or in *The Kentucky Warbler*. The birding community within Kentucky will no doubt continue to make a significant contribution to the knowledge of species occurrence.

Acknowledgments

We thank the over 400 observers who contributed records to *The Kentucky Warbler* seasonal reports for this period. We also thank Brainard Palmer-Ball Jr. who generously

provided access to electronic versions of the seasonal reports, assisted with identifying locations cited in the reports, was the senior author of the seasonal reports during most of this period, and reviewed and edited this paper. Shawchyi Vorisek also reviewed an early draft of this manuscript.

Literature Cited

- American Ornithologists' Union. 1998. Check-list of North American Birds. 7th ed. American Ornithologists' Union, Washington, D.C. (Available at <http://www.aou.org/checklist/north/print.php>) (Date accessed 3/7/2010).
- Baldwin, R. 2009. Use of Maximum Entropy Modeling in Wildlife Research. *Entropy* 11:854-866.
- Banks, R., C. Cicero, J. Dunn, A. Kratter, P. Rasmussen, J. Remsen, J. Rising, D. Stotz. 2004. Forty-fifth supplement to the American Ornithologists' Union Check-list of North American Birds. *The Auk* 121:985-995.
- Busroe, F. 2003. The Fall Migration 2002. *The Kentucky Warbler* 79(1):3-18.
- Butler, C. 2003. The disproportionate effect of global warming on the arrival dates of short-distance migratory birds in North America. *Ibis* 145:484-495.
- Cornell Lab of Ornithology. 2010. eBird (Available at eBird.org) (Date accessed 3/7/2010).
- DeLorme. 2005. Kentucky Atlas & Gazetteer. Yarmouth, ME.
- Erickson, R., R. Hamilton, M. Iliff, R. Carmona, G. Ruiz-Campos, and P. Pang. 2008a. Value of perennial archiving of data received through the *North American Birds* Report System: Examples from the Baja California Peninsula. *North American Birds* 67(4):2-9.
- Erickson, R., R. Hamilton, and S. Mlodinow. 2008b. Status review of Belding's Yellowthroat *Geothlypis beldingi*, and implications for its conservation. *Bird Conservation International* 18:219-229.
- ESRI Inc. 2008. ArcMap 9.3, Redlands, CA.
- Jandel Scientific. 1994. SigmatStat, Statistical Software Version 1.0, San Rafael, CA.
- Ky. Dept. of Transportation. 2010. KYTC_Local_Roads dataset. KYTC Div. of Planning, Div. of Geographic Information, Frankfort, KY. (Available at <http://kygeonet.ky.gov/>).
- KDFWR. 2010a. Named lakes dataset. Division of Geographic Information, Frankfort, Kentucky (Available at <http://kygeonet.ky.gov/>).
- KDFWR. 2010b. Wildlife Management Areas dataset. Division of Geographic Information, Frankfort, Kentucky (Available at <http://kygeonet.ky.gov/>).
- KDFWR. 2010c. Kentucky's Comprehensive Wildlife Conservation Strategy. Frankfort, KY. (Available at <http://fw.ky.gov/kfwis/stwg/>) (Date updated 12/7/2010).
- KDFWR. 2010d. Kentucky's Species Information., #1 Sportsman's Lane, Frankfort, KY. (Available at <http://fw.ky.gov/kfwis/speciesInfo/speciesInfo.asp>).
- Ky. Div. of Geographic Information. 2010. Kentucky Geography Network. Frankfort, KY (Available at <http://kygeonet.ky.gov/>) (Date accessed 3/7/2010).
- KOS. 2009. Birding Locations in Kentucky. (Available at <http://www.biology.eku.edu/kos/birdingky.html>) (Date accessed 3/7/2010).
- KOS. 2011. Kentucky Ornithological Society Listserv: BIRDKY. (Available at <http://www.biology.eku.edu/KOS/listserv.htm>) (Date accessed 2/12/2011).
- KSNPC. 2004. Endangered, Threatened, Special Concern, and Historical Biota of Kentucky. Frankfort, KY. (Available at <http://www.naturepreserves.ky.gov>) (Date accessed 3/7/2010).
- KSNPC. 2007. Managed Lands in Kentucky – Geographic data set. Frankfort, KY.
- Mengel, R. 1965. The Birds of Kentucky. American Ornithologist's Union Monograph No. 3. Allen Press, Lawrence, KS.
- Miller-Rushing, A., R. Primack, and R. Stymeist. 2008. Interpreting variation in bird migration times as observed by volunteers. *The Auk* 125(3):565-573.

- Mitchell, A. 2005. ERSI Guide to GIS analysis: Vol. 2: Spatial Measurements and statistics. ESRI Press, Redlands, CA.
- NatureServe. 2007. Biotics 4: Biodiversity Data Model. Arlington, VA. (Available at <http://www.natureserve.org/prodServices/biodatamodel.jsp>) (Accessed 6/23/2010).
- Palmer-Ball, Jr., B. 1996. The Kentucky Breeding Bird Atlas. University Press of Kentucky, Lexington, KY.
- Palmer-Ball, Jr., B. 2003. Annotated Checklist of the Birds of Kentucky. Kentucky Ornithological Society, Louisville, KY.
- Palmer-Ball, Jr., B. and L. McNeely. 2008. Summer Season 2008. *The Kentucky Warbler* 84(4):83-90.
- Ralph, C., J. Sauer, and S. Droege, eds. 1995. Monitoring bird populations by Point Counts. General Technical Report. PSW-GTR-149. Pacific Southwest Research Station, Forest Service, U.S. Dept. of Agriculture, Albany, CA.
- Robertson, Jr., W. 1978. Regional reports ... have they any scientific value? *American Birds* 1978:1212-1214.
- Smithsonian Migratory Bird Center. 2010. The Rusty Blackbird Blitz (Available at <http://nationalzoo.si.edu/ConservationAndScience/MigratoryBirds/Research/RustyBlackbird/blitz.cfm>) (Accessed March 12, 2010).
- Snedecor, G., and W. Cochran. 1967. Statistical methods. Iowa State University Press, 6th ed. Ames, IA.
- Sprandel, G. and P. Vichitbandha. 2007. Delivery of Kentucky Action Plan, Hunting Areas, and Species Data. Organization of Fish and Wildlife Information Managers, Shepherdstown, WV.
- Stedman, S. 2009. Counties of the Upper Cumberland Region of Kentucky and Tennessee. (Available at <http://iweb.ntech.edu/sstedman/UCRCountries.htm>). (Accessed December 12, 2009).
- Telfair, R., II. 2006. Cattle Egret (*Bubulcus ibis*), The Birds of North America Online (A. Poole, Ed.). Cornell Lab of Ornithology, Ithaca, NY (Available at <http://bna.birds.cornell.edu/bna/species/113>) (Date accessed 3/7/2010).
- U.S. Geological Survey. 2010. Kentucky Geographic Names Information System Dataset. Div. of Geographic Information, Frankfort, KY (Available at <http://kygeonet.ky.gov/>) (Date accessed 3/7/2010).
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FALL SEASON 2010

Brainard Palmer-Ball, Jr., and Lee McNeely

Weather conditions during fall 2010 were somewhat variable across the state. Overall, temperatures were above-normal during August with 100°F. surpassed at many recording stations a couple of times during the month, but precipitation varied from well below normal across north-central Kentucky to above normal across the south-central part of the state. September remained warmer than normal with Louisville hitting 99°F. on the 22nd. Below average rainfall spread in extent as moderate drought conditions took hold across much of Kentucky (Louisville received a record low amount of rainfall for the month [0.12in]). October continued to be warmer than normal and the drought continued across all but the southeastern portion of the state. Warmer than normal temperatures continued into November, but precipitation finally returned and many stations recorded above-average rainfall for the month. Again this fall, no significant remnants of tropical weather systems passed across the state, and the lack of unsettled weather resulted in few good shorebird fallouts.

Rarity highlights included White Ibis, Glossy Ibis, Yellow Rail, Marbled Godwit, Mew Gull, Black-legged Kittiwake, Inca Dove, Say's Phoebe and Clay-colored Sparrow. Irrupective boreal species were relatively scarce again this year, suggesting a limited presence during the upcoming winter season. Natural food crops appeared to be present in below average supply again this year, especially where the driest late summer/fall season conditions persisted.

Publication of any unusual sightings in the seasonal report does not imply that these reports have been accepted for inclusion in the official checklist of Kentucky birds. Reports of out-of-season birds and rarities should be accompanied by written and/or photographic documentation. This documentation is reviewed by the Kentucky Bird Records Committee (KBRC). Decisions regarding the official Kentucky list are made by the KBRC and are reported periodically in *The Kentucky Warbler*.

Abbreviations – County names appear in *italics*; when used to separate dates, the “/” symbol is used in place of “and”; “ba” next to an observer’s initials indicates that the bird was banded; “ph.” next to an observer’s initials indicates that the observation was documented with photograph(s); “vt.” next to an observer’s initials indicates that the observation was documented on videotape; “†” next to an observer’s initials indicates that written details were submitted with the report; **Place names:** Anchorage Trail, at Anchorage, e. Jefferson; Ballard WMA, Ballard; Barkley Dam, Livingston/Lyon (unless otherwise noted); Barren = Barren River Lake, Allen/Barren; Barren River Lake SRP, Barren; Berea, Madison; Berea Forest = Berea College Forest, Madison; Blood River = Blood River embayment, Ky Lake, Calloway; Bowling Green, Warren; Camp #9 = Camp #9 coal preparation plant, Union; Camp #11 = former Camp #11 mine, Union; Cave Run Lake, Bath/Rowan; Eddy Creek = Eddy Creek embayment of Lake Barkley, Lyon; Falls of the Ohio, Jefferson; Fisherville, se. Jefferson; Fishing Creek = Fishing Creek embayment, Lake Cumberland, Pulaski; Garvin Brown = Garvin Brown Preserve, ne. Jefferson; Iroquois Park = at Louisville, Jefferson; Island No. 8 Slough, Fulton; Jacobson Park, at Lexington, Fayette; Jonathan Creek = Jonathan Creek embayment, Kentucky Lake, Marshall; Ky Dam = Kentucky Dam, Livingston/Marshall; Ky Lake = Kentucky Lake, Calloway/Marshall; Kuttawa = Lake Barkley near Old Kuttawa Recreation Area, Lyon; Lake No. 9, Fulton; LBL = Land Between the Lakes National Recreation Area, Lyon/Trigg; Long Point = Long Point Unit Reelfoot National Wildlife Refuge, Fulton; Mammoth Cave = Mammoth Cave National Park, Edmonson (unless otherwise noted); Melco = Melco flood retention basin, Jefferson; Minor Clark = Minor Clark Fish Hatchery, Rowan; Mitchell Lake, Ballard WMA, Ballard; Obion WMA, Fulton; Sauerheber = Sauerheber Unit of Sloughs WMA, Henderson; Shaker Village = Shaker Village of Pleasant Hill, Mercer; Sinclair = Sinclair Unit Peabody WMA, Muhlenberg; Smithland Dam, on the Ohio River, Livingston; Spindletop = University of Kentucky Spindletop Farm, Fayette; SP = State Park; SRP = State Resort Park; Surrey Hills Farm = Surrey Hills Farm, ne. Jefferson; Travis WMA = Doug Travis WMA, Carlisle/Hickman; Upper Bottom Road = slough along w. side of Upper Bottom Road just n. of Hickman, Fulton; Waitsboro = Lake Cumberland at Waitsboro Recreation Area, Pulaski; WMA = Wildlife Management Area.

Greater White-fronted Goose – 1 at Sauerheber 19 October (CC) and 4 there 21 October (CC) were the earliest to be reported. Other reports of interest included 200 at Camp #11 on 31 October (BP, EHu); at least 100 at Camp #9 on 3 November (BP, EHu, CC); and ca. 1500 at Sauerheber by 17 November (CC).

Snow Goose – 1 at Spindletop 9/11 October (GB, JPe/JW) and 3 over Sauerheber 31 October (EHu) were the earliest to be reported; 8 at Fishing Creek 16 November (RD) were the farthest east to be reported.

Ross's Goose – 1 at the Falls of the Ohio 11 August (DSt, ph. TB) represented yet another early date for the state. Other reports of interest included singles at Sinclair 13

November (MY, BY); at Blood River 15 November (HC); at Miller Pond, *Russell*, 20 November (ph. RD, AM, GC); and at Lexington 28 November (ph. DL, BLA).



Ross's Goose, *Fayette*
28 November 2010
David Lang

Mute Swan – 1 at Minor Clark 1 August (ph. GR) was possibly summering; 2 in *Bourbon* 8 October (SM) also may be permanent residents or are exhibiting winter site fidelity based on recurring observations in the same vicinity over the past several years.

Tundra Swan – the first of Sauerheber's wintering flock to be reported were 7 there 8 November (SD) with 28 there by 24 November (CC). The only other report was for 12 at Melco 29-30 November (ph. RA et al.).

Wood Duck –250 at Sauerheber 15 August (CC) represented the season's peak count.

Gadwall – 1 at Kuttawa 4 September (BP, EHu, MMn) was the earliest to be reported; peak counts of interest included ca. 75 at the Falls of the Ohio 26 October (BP); at least 350 at Camp #11 on 3 November (BP, EHu, CC); 200 at Blood River 2 November (HC, ME); at least 500 at Jonathan Creek 2-12 November (HC, ME) with at least 1000 there 17-27 November (MMi et al.); and 60 at Thurston's Pond, *Wayne*, 23 November (RD).

American Wigeon – at least 50 at Camp #11 on 31 October (BP, EHu) represented a modest peak count for the season.

Blue-winged Teal – peak counts of interest included 80 at Camp #11 by 18 August (BP); 64 at Jonathan Creek (MMi) and 85 at Blood River (HC), both 12 September; and ca. 150 at Camp #11 on 24-25 September (BP et al.). Two at Camp #11 on 3 November (BP, EHu, CC) were the latest to be reported.

Green-winged Teal – 1 at Camp #11 on 18 August (BP, EHu, MMn) was the earliest to be reported. Peak counts of interest included at least 500 at Camp #11 on 31 October (BP, EHu); more than 100 at the Falls of the Ohio 10 October (MA); and at least 100 on Barren 16 November (DR, TD).

Northern Shoveler – 5 at Camp #11 on 18 August (BP, EHu, MMn) were the earliest to be reported; at least 75 at Camp #11 on 31 October (BP, EHu) represented a modest peak count for the season.

Northern Pintail – modest peak counts during the season included at least 35 at Camp # 11 on 31 October (BP, EHu) with 53 counted there 3 November (BP, EHu, CC); and 20 on Barren 24 November (DR).

Canvasback – 3 at Camp #11 on 31 October (BP, EHu) were the earliest to be reported.

Redhead – reports of interest included 13 at Camp #11 on 31 October (BP, EHu); at least 100 on the Ohio River at Louisville 19 November (DSt et al.); and ca. 50 on Barren 23 November (DR).

Ring-necked Duck – 1 at Minor Clark 9 August (LH), 4/7 September (ph. LH/DL), and 9 October (LH) was likely summering; next earliest report was of 1 at the Falls of the Ohio 20 October (EHu).

Greater Scaup – an unspecified number on Barren 4 November (DR) were the earliest to be reported.

Lesser Scaup – 2 on Lake Barkley above the dam 17 September (BP, MMn) were surely continuing from summer. Modest peak counts for the season included ca. 1000 on Lake Barkley, *Lyon*, 4 November (BP, EHu) and ca. 200 on the Ohio River at Louisville 19 November (DSt et al.).

- Surf Scoter** – there were five reports: an ad. male on Barren 16 November (DR, TD); 3 on Barren 17 November (DR); 2 on the Ohio River at Louisville 19 November (DSt, BP et al.); with a different flock of 13 on the Ohio River at Cox Park, Louisville, 19 November (CBs, JBe, PB); and 1 on Barren 23 November (DR).
- White-winged Scoter** – there were two reports: 1 at the Falls of the Ohio 15 November (EHu, DSt) and 2 on the Ohio River at Louisville 20 November (JPu, DP).
- Black Scoter** – an excellent flight was documented with all reports included: a tally of 18 (different groups of 2 & 16) on the Ohio River at Louisville 3 November (EHu, BP, et al.) that represented a new state high count; 1 at the Falls of the Ohio 4-8 November (DSt et al.); separate groups of 3 & 5 on Lake Cumberland, *Russell*, 4 November (RD); separate groups of 2 & 2 on Lake Cumberland at Waitsboro and at Mill Spring Mill, *Wayne*, 5 November (RD); 6 on Barren 8 November (DR); 2 on the Ohio River at Louisville 15-20 November (EHu, DSt, et al.) with an additional flock of 4 present just upstream 19 November (EHu, RH, DSt, et al.); 1 on Ky Lake above the dam 17 November (MA); 4 on Barren (DR, TD) and 4 on Freeman Lake, *Hardin* (RH), both 19 November; and 7 at the Falls of the Ohio 24 November (EHu, DSt, et al.).
- Long-tailed Duck** – a male on Ky Lake above the dam 28 November (BY, MY, DR) was the only one reported.
- Bufflehead** – peak counts for the season included 77 on the Ohio River at Louisville 19 November (BP, DSt et al.) and ca. 100 on Barren 24 November (DR).
- Common Goldeneye** – more than 200 on Ky Lake, *Marshall*, 30 November (BP, EHu) represented a modest peak count for the season.
- Hooded Merganser** – 120 were counted at Jacobson Park 27 November (JPu).
- Red-breasted Merganser** – 2 on Barren 1 November (DR, DB, TD) were the earliest to be reported; modest peak counts included ca. 70 on the Ohio River at Louisville (DSt et al.) and at least 40 on Barren (DR, TD), both 19 November.
- Ruddy Duck** – the season's peak counts included ca. 120 on Lake Barkley above the dam 4 November (BP, EHu); ca. 200 on Barren 16 November (DR, TD); at least 130 on the Ohio River at Louisville 19 November (EHu, DSt et al.); and ca. 110 on Barren 24 November (DR).
- Common Loon** – 1 on Cave Run Lake 7 September (DL) may have summered; at least 6 on Barren 19 October (DR) were the next earliest reported; peak counts of interest included ca. 200 on Barren 17 November (DR); at least 150 on Green River Lake, *Adair/Taylor*, 19 November (BP); at least 500 on Barren 23 November (DR, TD); and at least 170 on Ky Lake, *Marshall*, 27 November (DR).
- Pied-billed Grebe** – at least 100 on Barren 24 November (DR) represented the season's peak count.
- Horned Grebe** – at least 230 on the Ohio River at Louisville 19 November (DSt et al.) represented the season's peak count.
- Red-necked Grebe** – 1 was present at Jacobson Park 28-29 November (ph. JPu et al.). KBRC review required.
- Eared Grebe** – 1 at the Falls of the Ohio 3 November (†DSt) was the only one reported.
- Double-crested Cormorant** – ca. 1500 on Ky Lake, *Calloway*, 16 October (HC, ANy) represented a relatively modest peak count for the season.
- American White Pelican** – 2 at Kuttawa 18 August (JRi) & 4 September (BP, EHu, MMn) were likely continuing from summer and may be resident due to injury, but 10-15 above Barkley Dam 16 September (DMa) were likely early migrants. Circa 2000 on Lake Barkley, *Trigg*, 20 October (HC) with 1500 still there 24 October (HC, ME) represented the season's peak counts. There were two reports from e. of LBL: 1 just n. of Bloomfield, *Nelson*, 13 September into November (JN, BF, JBe, PB) and 3 on Barren 29 October (DR, DB,

TD) with 6 there 30 October–5 November (DR et al.) and 1 lingering there to 25 November (DR).

Least Bittern – "several" at Sauerheber during early August (MMr, *fide* SV) represented the only report during the season.

Great Blue Heron – up to 72 were reported at the Falls of the Ohio 11 August (DSt).

Great Egret – ca. 1000 birds were at Obion WMA 18/19 August (RD et al./BP et al.) with 1200 at Island No. 8 Slough 18 August (RD et al.) and 1300 there 19 August (BP, EHu, MMn). Most of the birds in w. *Fulton* roosted near the mouth of Obion Creek at Hickman again this year (m. ob.); other high counts of interest included 22 at the Falls of the Ohio 4 September (DSt); 74 at Eddy Creek 4 September (BP, EHu, MMn) with ca. 75 there 17 September (BP, MMn); 40-45 at the Van Buren boat ramp, Taylorsville Lake, *Anderson*, 8 September (BW); 82 at Jonathan Creek 14 September (ME); and 176 at White City WMA, *Hopkins*, 23 September (EHa). One was last seen at the Falls of the Ohio 27 October (BP); 18 were still at Eddy Creek 4 November (BP, EHu); 6 were still at Barren 1 November (DR, DB, TD) with 3 still there to 5 November (DR) and 2 last seen at Barren, *Allen*, 12 November (DR, DB, SS); 11 were still at Jonathan Creek 2 November (HC, ME) with 1 there to 14 November (MMi).

Snowy Egret – low numbers were reported again this year with 25 at Island No. 8 Slough 18 August representing the season's peak count (BP, EHu, MMn).

Little Blue Heron – ca. 50 at Lake No. 9 on 4 August (DR) represented a very modest peak count for the season. There were only four reports away from w. Kentucky: a juv. at Barren 10 August (DR); 4 juvs. at Camp #11 on 18 August (BP, MMn, EHu); a juv. at the Van Buren boat ramp, Taylorsville Lake, *Anderson*, 24 August (BW); and 3 juvs. at Sinclair 31 August (DR).

Cattle Egret – 1 at Sauerheber 27 October (ph. CC) was tardy.

Black-crowned Night-Heron – an imm. on the Ohio River at Dayton, *Campbell*, 17 November (FR) was rather tardy.

Yellow-crowned Night-Heron – a juv. at Travis WMA 19 August (BP, EHu, MMn) was the only one reported.

White Ibis – there were two reports: a juv. at Lake No. 9 on 5 August (ph. DR); and 9 juvs. at Obion WMA 18 August (ph. RD, HC, et al.) with 6 still there 19 August (BP, EHu, MMn). KBRC review required.

Glossy Ibis – 1 was present at Minor Clark 5-9 October (MW, ph. LH). KBRC review required.



Glossy Ibis, *Rowan*
9 October 2010
Lana Hays

Black Vulture – ca. 150 at the Kendall Recreation Area below Wolf Creek Dam, *Russell*, 19 November (RD) and ca. 150 at the Frankfort Fish Hatchery, n. *Franklin*, 22 November (KHa) represented the season's peak counts.

Osprey – singles at the Falls of the Ohio 29 October (BP, EHu) and at Fishing Creek 30 October (RD) were the latest to be reported.

Mississippi Kite – a dependent juv. was found during a logging operation along Mayfield Creek w. of the US 45 bridge, n. *Graves*, 20 July (DMu, RM), establishing one of only a few confirmed reports of breeding for the state; a possible family group (2 ads. and 2 juvs./subads.) was observed over the Highland Creek Unit

Sloughs WMA, *Union*, 9 August (MMr *fide* SV); an ad. was present at Ledbetter, *Livingston*, 18 August (MMn, BP, EHu); at least 12 were still near Laketon, *Carlisle*, 5 September (MMn, EHu, BP).

Bald Eagle – a tally of probably at least 8 on the Green River, Mammoth Cave, *Edmonson/Hart*, 18 November (LJ, JHt) and 14 at Sauerheber 26 November (CC) represented local high counts.

Northern Harrier – singles in *Barren* 30 August (DR) and at Lake No. 9 on 5 September (MMn, EHu, BP) were the earliest to be reported away from known breeding areas.

Red-tailed Hawk – a light morph *B. j. harlani* returned to the WKU Farm, *Warren*, for at least the 10th consecutive winter by 21 November (DR).

Rough-legged Hawk – 2 over US 25 near Whitehall, n. *Madison*, 21 November (ET) were the only ones reported during the season.

Golden Eagle – a juv. at Minor Clark 20 November (ph. GR) was the only one reported during the season.

Merlin – there were at least fifteen reports: 1 at South Union, *Logan*, 13 September (TD); 1 at the Dry Creek Unit, Barren River Lake WMA, *Barren*, 24 September (DR); 1 over Ky Lake, *Marshall*, 25 September (DR); 1 at Surrey Hills Farm 19 October (MMn et al.); singles over Barren River Lake SRP 2/23 October (DR et al.); 1 at Bernheim Forest, *Bullitt*, 30 October (CBo); 1 at the Falls of the Ohio 4/12 November (DSt); 1 at Cox Park, Louisville, 5/19 November (EHu/CBs, JBe, PB); 1 at Spindletop 13 November (DSv, MF); 1 in *Allen* 25 November (DR); 2 at Sinclair 26 November (MY, BY); 1 at Jacobson Park 27/28 November (JPu/RBu, ASK); and 1 at Berea 28 November (RBa).

Peregrine Falcon – there were only seven reports away from known nesting territories: 1 over Mammoth Cave 26 August (TD); 1 below Smithland Dam 4 September (MMn, BP, EHu); 2 birds at the US 68/KY 80 bridge over Lake Barkley, *Trigg*, 25 September (BLi) thru the per-

iod; 1 on the Anchorage Trail 3 October (JBe, PB); 1 at Melco 8 October (EHu); 1 at Spindletop 13 October (JW); and 1 at Honker Lake, LBL, *Lyon/Trigg*, 28 November (BLi). A new nesting pair was reported near the Ohio River at Carntown, *Pendleton*, during mid-September (KHe). A juv. bird banded in *Jefferson* as a nestling in May 2010 (KHe) dispersed north and was sighted repeatedly into early winter at various locations around Dearborn, MI (DO).

Yellow Rail – 1 was flushed while combining at Surrey Hills Farm 19 October (†BP, WG). KBRC review required.

Sora – relatively scarce again this fall with reports from four locales as follows: 1 at Surrey Hills Farm during the last week of August (BP) and 13 September (BP); 1 at Melco 3/5/6 September (EHu/BY, MY/BY); 1-2 at Sauerheber on several occasions 25 September (BP, KOS)–31 October (BP, EHu) with a peak of 6 there 12 October (CC); and 1 at Spindletop 12 October (JS).

Common Moorhen – a family group (composed of at least 1 ad. and 4 juvs.) at Sauerheber during early August (MMr, *fide* SV) represented the only report during the season.

American Coot – peak counts for the season included ca. 1000 at Camp #11 on 31 October (BP, EHu); ca. 1000 on Lake Cumberland above Wolf Creek Dam, *Russell*, and ca. 600 on Lake Cumberland at the SRP, *Russell*, both 4 November (RD); at least 500 on Barren 4 November (DR, TD); and ca. 600 on the Ohio River at Louisville 25 November (MA).

Sandhill Crane – 1 along US 31W, s. *Warren*, 16 August (DR) was extremely early; otherwise, two flocks totaling ca. 45 birds at Barren 1 November (DR, DB, TD) and 13 over Bowling Green 6 November (TD) were the earliest to be reported.

Black-bellied Plover – scarce this season with only four reports; 1 in the Lower Hickman Bottoms, *Fulton*, 4-5 August (DR); 1 at Lake No. 9 on 19 August (BP, EHu, MMn); 2 at Jonathan Creek 3 Oc-

tober (ME); and 1 at the Falls of the Ohio 14/22 October (EHu).

American Golden-Plover – 1 at Upper Bottom Road 4/10 August (DR/HC) was the earliest to be reported; 1-2 were reported at traditional locales mid-August–14 October; other reports of interest included 42 at Camp #9 on 24 September (BP) that tied the state's high count for fall; 3 at Spindletop 9-12 October (DL, ASK, et al.) with 1 still there 13 October (JW); 4 at Sauerheber 19–21 October (CC); 1 at Fishing Creek 16 November (RD); and 1 at Jonathan Creek 31 October into November (ME, HC, MMi) that lingered to 29 November (ME) and established a new late fall departure date for the state.

Semipalmated Plover – 1 at Travis WMA 15 October (RD) was the latest to be reported.

Killdeer – peak counts included 1300-1400 at Upper Bottom Road 4 August (DR); 750 at Mitchell Lake 5 August (DR) with 800 there 19 August (RD); and 1150 at Barren 29 November (DR).

Black-necked Stilt – there were two reports: a family group (2 ads. and 3 juvs. not completely grown) at Obion WMA 6-19 August (ph. HC et al.) confirming breeding at that location for the first time, and 7 at Island No. 8 Slough 18 August (HC, RD, et al.)–22 August (NM).

American Avocet – there were three reports: 4 at Island No. 8 Slough 18 August (RD, HC)–23 August (MTo); 1 on the Mississippi River near Island No. 1, *Carlisle*, 20 September (DR); and 1 on a lake at Spindletop 28 October (DL, ph. LS, et al.).

Spotted Sandpiper – 1 along Nabb School Road, *Caldwell*, 13 October (RD); 4 in w. *Fulton* 14 October (RD); and 1 at Barren 31 October (DR) were the latest to be reported.

Greater Yellowlegs – 25 at Camp #11 on 3 November (BP, EHu, CC) represented the peak count for the season; singles at the Falls of the Ohio 15 November (DSt) and at Fishing Creek 16 November (RD) were the latest to be reported.

Willet – 6 on the Mississippi River, *Carlisle*, 2 September (DR) were the only ones reported.

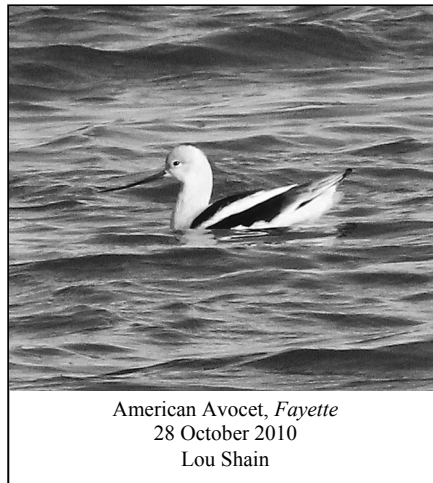
Lesser Yellowlegs – 1 at Barren 12 November (DR, DB, SS) was the latest to be reported.

Upland Sandpiper – there were three reports: 1 near Lake No. 9 on 4 August (DR); 3 at Upper Bottom Road 8 August (BY, MY); and 1 at Mitchell Lake 17 August (HC, RD).

Marbled Godwit – 1 was reported at the Falls of the Ohio 25 September (†DC). KBRC review required.

Ruddy Turnstone – there were only two reports: 1 at Fishing Creek 14-15 August (RD) and 1 at Eddy Creek 4 September (BP, EHu, MMn).

Sanderling – quite scarce this fall: 1-3 at the Falls of the Ohio on several occasions 23 August–24 September (DSt, EHu, TB, CBr, et al.); 1 at Melco 30 August–3 September (EHu); 1 at Mitchell Lake 4 September (BP, EHu, MMn); 2 at Minor Clark 4/6/7/14 September (LH/GR/DL/EM); and 1 at Blood River 12/22 September (HC).



American Avocet, *Fayette*
28 October 2010
Lou Shain

Western Sandpiper – scarce during the fall season; reports of interest included 3-4 at Upper Bottom Road 4-5 August (DR) with 4 still there 10 August (HC); 1 at Fishing Creek 14-15 August (RD); 4 at

Jonathan Creek 4 September (MMi); 5 at Camp #11 on 24 September (BP); and 4 at Jonathan Creek 5 October (MMi) with 2 there 2 November (HC, ME).

Least Sandpiper – modest peak counts included ca. 100 at Lake No. 9, 100-150 at Obion WMA, and 50+ at Mitchell Lake, all 19 August (BP, EHu, MMn); ca. 100 at Travis WMA 15 October (RD); and 90 at Jonathan Creek 2 November (HC, ME). One at the Falls of the Ohio 29 October (BP, EHu); 1 at Sauerheber 3 November (BP, EHu, CC); ca. 35 at Camp #11 on 3 November (BP, EHu, CC); 58 at Eddy Creek 4 November (BP, EHu); and 1 at Barren 11 November (DR) were the latest to be reported other than 59 on 29 November at Jonathan Creek (ME) where the species sometimes winters.

Baird's Sandpiper – reports of interest included 1 at Minor Clark 28 August (LM, NKBC) with 2 there 4/7/14 September (LH/DL/EM); 7 at Mitchell Lake 2 September (DR); 3 at Eddy Creek 17 September (BP, MMn); 2 at Franklin, *Simpson*, 7 September (DR); and 2 tardy birds at Sauerheber 31 October (BP, EHu, CC).

Pectoral Sandpiper – 1 at the Falls of the Ohio 27 October (BP); 2 at Sauerheber 3 November (BP, EHu, CC); and 4 at Camp #11 on 3 November (BP, EHu, CC) were the latest to be reported.

Dunlin – small numbers were well distributed at traditional locales late October into mid-November; relatively modest peak counts included 17 at Barren 30 October (DR, DB); 52 at Camp #11 on 31 October (BP, EHu); 16 at Jonathan Creek and 11 at Blood River, both 2 November (HC, ME); and 18 at Blood River 8 November (HC). The latest to be reported were 2 at Fishing Creek 16 November (RD); 3 at the Falls of the Ohio 20 November (EHu); 2 at Thurston's Pond, *Wayne*, 23 November (RD); 2 at Barren 25 November (DR); and singles at Blood River (HC) and Sauerheber (CC), both 29 November.

Stilt Sandpiper – one to a few were well distributed at traditional locales through the season; reports of interest (including modest peak counts) included 5 at Upper

Bottom Road 4 August (DR); 1 at Minor Clark 28 August (LM, NKBC) & 4 September (LH); 9 at Eddy Creek 14 September (DMA); 10 at Mitchell Lake 4 September (BP, EHu, MMn); 12 at Jonathan Creek 24 September (MMi); and 21 at Camp #11 on 24 September (BP). Five at Camp #11 on 31 October/3 November (BP, EHu, CC) were the latest to be reported.

Buff-breasted Sandpiper – small numbers were reported mostly at traditional locales as follows: 3 at Upper Bottom Road 4 August (DR) with 4 there 7/10 August (BY, MY/HC), 5 there 8 August (BY, MY), and 3 there 2 September (HC, ME); 1 below Smithland Dam 18 August (BP, EHu, MMn); 1-4 at the Falls of the Ohio 3-16 September (EHu) with a peak of 6 there 12 September (DSt, EHu); 1 at Melco 3-6 September (EHu, BY, MY); 1 at Mitchell Lake 2/4 September (DR/BP, EHu, MMn); and 1 at Camp #11 on 24-25 September (BP et al.).

Short-billed Dowitcher – quite scarce this fall with only three reports of juvs.: 1 at Fishing Creek 13-14 August (RD); 2 at Obion WMA 19 August (BP, MMn, EHu); and 1 at Jonathan Creek 14 September (ME).

Long-billed Dowitcher – there were four reports: 2 near Lake No. 9 on 4 August (DR); 1 (heard) at Jonathan Creek 11 September (MMi); 11 at Camp #11 on 31 October/3 November (BP, EHu, CC); and 3 at Blood River 11 November (HC).

Wilson's Snipe – 1 at Camp #11 on 24 September (BP) was the earliest to be reported. At least 100 at Sauerheber 17 November (CC) represented the peak count for the season.

American Woodcock – there were eight reports: 1 at Berea Forest 3 October (SM); 1 in *Hart* 7 October (SK, JKi); 1 at Central Kentucky Wildlife Refuge, *Boyle*, 9 October (J&JBy); 2 at Cave Hill Cemetery, Louisville, 31 October (BJo, BBC); 1 in *Allen* 8 November (DR); 1 at Shaker Mill, *Warren*, 17 November (DR); and singles at Surrey Hills Farm 18/23 November (MMn/MMn, BP).

Wilson's Phalarope – there were only two reports: 1 at Fishing Creek 13 August (ph. RD) and 2 at Mitchell Lake 8 September (EHa).

Red-necked Phalarope – there were three reports: 1 at Blood River 12 September (ph. HC); 2 on Lake Barkley off Green Turtle Bay Resort, *Lyon*, 19 September (vt. DR); and 1 at Camp #11 on 24-25 September (ph. BP et al.). KBRC review required.

Black-legged Kittiwake – a first-year bird was on Ky Lake above the dam 4 November (†BP, EHu). KBRC review required.

Bonaparte's Gull – 1 at the Falls of the Ohio 8 October (EHu) and 1 at Barren 20 October (DR et al.) were the earliest to be reported; 700 at Barren 12 November (SS, DR, DB) with at least 1000 there 23 November (DR, TD) represented the peak counts for the season.

Laughing Gull – there were five reports: a juv. on Ky Lake, *Marshall*, 2 August (DR); a juv. at Barkley Dam 8 September (DR); 3 juvs. on Ky Lake, *Marshall*, 19 September (DR); 1 at Blood River 22 September (HC); and a first-year bird on Lake Barkley at the mouth of Lick Creek, *Lyon*, 4 November (EHu, BP).

Franklin's Gull – 1 on Lake Barkley, *Lyon*, 3 September (DR) was rather early; a very pronounced peak in migration began with 5 at Jonathan Creek 26 October (MMi) and was highlighted by an exceptional tally of 140 at Barren 27 October (ph. DR) and 17 there 1 November (DR, DB, TD). Otherwise, 1-3 were at Barren on several other occasions 29 October–20 November (DR et al.); 2 were at the Falls of the Ohio 28 October (EHu, DSt, et al.) with 1 there 16/19 November (BP, et al.); and 1 was on the Ohio River above Markland Dam, *Gallatin*, 18 November (EHu).

Mew Gull – an adult, most certainly the same bird present last year, was observed at Barren 18–24 October (ph. DR et al.).

Ring-billed Gull – peak counts of interest included 700 at Barren 12 November (SS, DR, DB); and 450 at the Falls of the Ohio 27 November (DSt, EHu, et al.).

Herring Gull – ca. 15-20 were on Lake Barkley above the dam and at least 20 on Ky Lake, *Marshall*, by 17 September (BP, MMn); other reports of interest included 7 at Barren 1 November (DR, DB, TD); 8 on Green River Lake, *Adair/Taylor*, 19 November (BP); 7 at Lake Peewee, *Hopkins*, 29 November (BP, EHu); and at least 75 in the vicinity of Ky/Barkley dams by 30 November (BP, EHu).

Lesser Black-backed Gull – there were four reports, possibly involving most or all of the same individuals: a near adult at Barkley Dam 8 September (DR) with probably the same third-year bird on Lake Barkley above the dam 16/17 September (DMA/BP, MMn); 4 ads. or near ads. on Ky Lake, *Marshall*, 19 September (DR); 3 on Ky Lake, *Marshall*, 25 September (DR); and 2 ads. or near ads. and a first-year bird on Lake Barkley at Boyd's Landing, *Lyon*, 4 November (EHu, BP).

Glaucous Gull – a first-year bird was below Ky Dam 30 November (†BP, EHu).

Least Tern – at least 50 were below Smithland Dam 18 August (BP, EHu, MMn); 11 were still at Mitchell Lake 19 August (RD) with a juv still there 4 September (BP, EHu, MMn).

Caspian Tern – modest peak counts included 57 at Blood River 7 September (HC) and ca. 15 at Barren 9 September (DR).



Mew Gull, Barren River Lake
18 October 2010
David Roemer

- Black Tern** – there were only five reports: 1 at Mitchell Lake 17 August (HC, RD); 8 below Smithland Dam 18 August (BP, EHu, MMn); at least 75 on the Mississippi River, *Carlisle*, 2 September (DR); 1 on Lake Barkley, *Lyon*, 19 September (DR); and 2 on the Mississippi River, *Carlisle*, 20 September (DR).
- Common Tern** – there were only three reports: 1 on Lake Barkley, *Livingston*, 3 September (DR); ca. 20 near Kuttawa 8 September (DR); and 1 at Barren 29 October (DR, TD).
- Forster's Tern** – reports of interest included ca. 140 on Ky Lake, *Marshall*, 25 September (DR); at least 115 total at several sites on Lake Barkley, *Lyon*, 4 November (BP, EHu); and 110 at Jonathan Creek 10 November (HC, ME).
- Eurasian Collared-Dove** – singles adjacent to Lloyd WMA, *Grant*, 15/24 August (VT) represented a first for the county.
- Inca Dove** – 1 was seen along KY 94 ne. of Sassafras Ridge, *Fulton*, 19 August (MMn, †BP, EHu). KBRC review required.
- Yellow-billed Cuckoo** – 1 at The Narrows, Barren, *Barren*, 23 October (ER) was the latest to be reported.
- Black-billed Cuckoo** – a bird wearing a band (surely the bird banded in mid-July) at Shaker Village 9 September (KHe et al.) was seen collecting and carrying off caterpillars for young indicating a rare report of confirmed nesting; also reported were 1 at the Lexington Cemetery 11 September (LS, ASK) and 1 s. of Mt. Zion, *Allen*, 5 October (MBy, DT).
- Barn Owl** – there were two reports: 1 at Ballard WMA 23 November (SRe) and 1 in a barn in *Hopkins* during late November (TY).
- Short-eared Owl** – 1 at Camp #11 on 31 October (BP, EHu) was the earliest to be reported. Also reported were 1 at Spindletop 13 November (DL, ASK); 5 near Bon Ayr, *Barren*, 20 November (DR); ca. 12 e. of Shelbyville, *Shelby*, 20/30 November (HB); and 1 at Sinclair 28 November (P&SF).
- Northern Saw-whet Owl** – 20 birds were banded at Surrey Hills Farm 21 October–24 November (MMn, BP, et al.) with peak captures of 4 on 21-22 October; 4 on 5-6 November; and 6 on 6-7 November.
- Eastern Whip-poor-will** – 1 heard in *Elliott* 18 September (EM) was the latest to be reported.
- Chimney Swift** – peak counts included at least 800 dropping into a chimney at Louisville 28 August (BW) and ca. 1200 at the Falls of the Ohio 30 September (DSt).
- Broad-billed Hummingbird** – an apparent male was present in a yard at Madisonville, *Hopkins*, during the last week of October and the first week of November (ph. BJa) and will become a first state record if accepted. KBRC review required.
- Ruby-throated Hummingbird** – the season was a much more normal one than last year, with numbers building nicely during August and a slightly later than normal peak across most of Kentucky about 5-10 September. Small numbers lingered into the first week of October (m. ob.), and singles at Murray, *Calloway* (ME), and at Bowling Green (TD), both 18 October, and at Berea 19 October (A&TR) were the latest to be reported.
- Rufous Hummingbird** – an ad. female at Bardstown, *Nelson*, 14 November into December (ph. PG, ba. BP, MMn, et al.) was the only one reported.
- Red-headed Woodpecker** – small numbers reported during October–November at scattered locales suggested there will be some around during the upcoming winter.
- Yellow-bellied Sapsucker** – 1 at Sauerheber 12 September (CC) represented a new early arrival date for the state; the next earliest was 1 on the Anchorage Trail 18 September (JBe, PB).
- Olive-sided Flycatcher** – there were eight reports: 1 at the WKU Woods, *Warren*, 16 August (DR); 1 at Floyds Fork Park, *Jefferson*, 25 August (EHu); 1 at Surrey Hills Farm 31 August (BP); 1 along Upper Bottom Road, *Fulton*, 5 September (EHu, BP, MMn); 1 at Green River Lake, *Adair*, 9

September (RD); 1 at Lexington 11 September (IS); 1 on the Anchorage Trail 11 September (BW); and 1 at Big Bone Lick SP, *Boone*, 11 September (LM, NKBC).

Eastern Wood-Pewee – an ad. with recently fledged young at Taylorsville Lake SP, *Spencer*, 8 September (BW) represented a relatively late nesting.

Yellow-bellied Flycatcher – there were seven reports: 1 on the Anchorage Trail 17 August/12 September (JBe, PB); 1 at Lake Cumberland WMA, *Pulaski*, 28 August (RD); 1 at Ballard WMA 5 September (EHu, MMn, BP); 1 at Casey Creek, *Adair*, 19 September (RD); 1 at Barren River Lake SRP 22 September (DR); and 1 at John James Audubon SP, *Henderson*, 26 September (JM, KOS).

Alder Flycatcher – 1 was heard calling at Obion WMA 2 September (DR); another likely Alder came in but did not reply to taped calls at Green River Lake, *Adair*, 9 September (RD). A “Traill’s” type flycatcher at Cave Creek, *Pulaski*, 6 October (ba. LO) was unconfirmed to species.

Least Flycatcher – 1 seen and heard calling at Shaker Mill, *Warren*, 16 August (DR) was relatively early.

Say’s Phoebe – 1 was at Surrey Hills Farm 11 September (ph. BP et al.). KBRC review required.

Great Crested Flycatcher – singles at Sauerheber 25 September (BP, KOS) and at Green River State Forest, *Henderson*, 26 September (BP, KOS) were the latest to be reported.

Eastern Kingbird – 1 in *Trigg* 24 September (BLi) was the latest to be reported.

White-eyed Vireo – 1 at Sauerheber 14 October (CC) was the latest to be reported.

Bell’s Vireo – 1 was still singing at Sinclair 13 September (DMa).

Yellow-throated Vireo – a tally of 8 at the Alpine Recreation Area, Daniel Boone National Forest, *Pulaski*, 21 September (RD) was relatively impressive for fall.

Blue-headed Vireo – 1 on the Anchorage Trail 18 September (JBe, PB) was the earliest to be reported away from breeding

areas; 1 in LBL, *Trigg*, 11 November (BLi) was the latest to be reported.

Philadelphia Vireo – 1 near Fisherville 29 August (EHu, JHb) was the earliest to be reported; 5 on the Anchorage Trail 18 September (JBe, PB) was an impressive tally.

Red-eyed Vireo – an ad. feeding a recently fledged juv. at Taylorsville Lake SP, *Spencer*, 8 September (BW) represented a relatively late nesting.

Common Raven – there were two reports: 1 heard at Dewey Lake WMA, *Floyd*, 23 August (SF) and 1 at the Bent Mountain Mine, *Pike*, 28 October (SF).

Purple Martin – 4000-5000 at Lake Reba, *Madison*, 5 August (ANn) were likely associated with a roost at Richmond; the only count of birds at the Lexington roost this year was a partial count of at least 1000-2000 along US 60 e. of I-75 on 9 August (SF). An unspecified number in the Lower Hickman Bottoms, *Fulton*, 21 September (DR) were the latest to be reported.

Tree Swallow – 500 were seen near Uniontown Dam, *Union*, 16 September (CC); ca. 25 at Sauerheber 3 November (BP, EHu, CC) were the latest to be reported.

Northern Rough-winged Swallow – 2 at Sauerheber 27 October (CC) were the latest to be reported.

Bank Swallow – peak counts during the season included ca. 300 at the Grassy Pond Unit Sloughs WMA, *Union*, 13 August (CC) and at least 1000 along the levee near Lake No. 9 on 18 August (BP, EHu, MMn).

Red-breasted Nuthatch – 1 heard at Surrey Hills Farm 28 August (BP); 1 at Evergreen Cemetery, Southgate, *Campbell*, 14 September (FR); 1 at Windhover Farm, *Oldham*, 19 September (MC); and 1 along Pleasant Hill Church Road, *Trigg*, 20 September (BLi, PL) were the earliest to be reported. By mid-October the species was relatively widespread in small numbers with 12 around Barren 12 November (SS, DR, DB) representing a high count for the season.

- Brown Creeper** – singles near Fisherville (EHu) and at Panorama Shores, *Calloway* (KC), both 5 October, were the earliest to be reported.
- House Wren** – 1 at Waitsboro 6 November (RD) was tardy.
- Winter Wren** – singles at Lexington 17 September (JS) and at Blood River 27 September (HC) were the earliest to be reported.
- Sedge Wren** – there were six reports: 1-2 singing as if on territory at Surrey Hills Farm 10 August into September (BP) and 1 there 18 October (BP); 1 still present (from July) along Bliss Road, *Adair*, 26 August (DC); 1 singing at Obion WMA 2 September (DR); 1 at Melco 9 September (EHu); an ad. and at least 2 flightless juvs. at Sauerheber 25 September (BP) with 1 still there 14 October (CC); and 1 in *Simpson* 14 October (DR, TD).
- Marsh Wren** – 1 heard calling at Surrey Hills Farm 23 August (BP) was early, and another was singing there 12 September (BP); also reported were 1 at Sauerheber 25 September/31 October (RD/BP, EHu); 1 in *Simpson* 14 October (DR, TD); and 1 heard near Sauerheber 3 November (BP, EHu, CC).
- Golden-crowned Kinglet** – 1 at Surrey Hills Farm 27 September (BP) and 1 at the WKU Woods, *Warren*, 28 September (TD) were the earliest to be reported.
- Veery** – 1 at Mt. Zion, *Pulaski*, 1 September (RD); 1 on the Anchorage Trail 12 September (JBe, PB); and 1 in *Campbell* 18 September (RL *vide* LM) were the only ones reported.
- Wood Thrush** – a nest containing 3 nestlings 5-6 days old at Clay WMA, *Nicholas*, 20 August (SF) was relatively late.
- American Robin** – “a few thousand” were present in a roost at Douglass Hills, Louisville, during mid-November (MMn).
- Gray Catbird** – 1 at Shippingport Island, *Jefferson*, 23 October (DSt) was the latest to be reported.
- American Pipit** – 1 at Camp #11 on 24 September (BP); 5 at Crocker Pond, *Logan*, 1 October (DR); and 1 at Fishing Creek 3/5 October (RD) were the earliest to be reported; modest peak counts included 62 at Jonathan Creek 2 November (HC, ME) and ca. 70 in *Allen* 5 November (DR).
- Cedar Waxwing** – earliest flocks reported were 25 at Uniontown Dam, *Union* (CC), and 20-25 near Canton, *Trigg* (KB), both 23 September; species was widespread in moderate numbers during the latter half of October into November; 400 at Cave Hill Cemetery, Louisville, 20 November (MA) represented the season’s peak count.
- Lapland Longspur** – 3 at Bowling Green 28 October (TD); 2 at Sauerheber 31 October (BP, EHu); and 5 at Spindletop 13 November (DL, ASK) were the earliest to be reported.
- Brewster’s Warbler** – 1 was seen nw. of Bardwell, *Carlisle*, 18 September (MMn, BP).
- Golden-winged Warbler** – it was a good season for the species with all reports being included: 1 on the Anchorage Trail 23/25/30 August (JBe, PB, et al.); singles at Mammoth Cave 26 August/9 September/21 September (TD/SK/TD); 1 at John James Audubon SP, *Henderson*, 4 September (CP); 1 at the Riverwalk, *Jefferson*, 4 September (JBe, PB, BBC); 1 at Mt. Zion, *Pulaski*, 5 September (RD); 1 at Shaker Village 8 September (RD); 1 at Berea Forest 12 September (RF, RBa); 2 at Cherokee Park, Louisville, 12 September (CBs); 2 in LBL, *Lyon*, 14 September (DMa) with 1 there 15 September (DMa); 1 at Sherwood Shores, *Marshall*, 17 September (MMn); 1 at Barren River Lake SRP 17 September (DR); 1 at Travis WMA 18 September (BP, MMn); and 5 separate birds s. of Mt. Zion, *Allen*, during September (MBy).
- Tennessee Warbler** – 1 at Mt. Zion, *Pulaski*, 22 August (RD) was the earliest to be reported; 1 at McConnell Springs, Lexington, 29 October (LT) was the latest to be reported.
- Orange-crowned Warbler** – there were seven reports: 2 at Seneca Park, Louisville, 26 September (BW); 1 in LBL,

- Trigg*, 3 October (BLi); 1 at Iroquois Park 12 October (BW); 1 at Black Mountain, *Harlan*, 12 October (EHu); 3 banded at Shaker Village 20 October (KHe et al.); 1 at Garvin Brown 23 October (JBe, PB, BBC); and 1 on the Anchorage Trail 29 October (JBe, PB).
- Nashville Warbler** – 1 on the Anchorage Trail 21 August (JBe, PB, CBs) was the earliest to be reported.
- Northern Parula** – 1 at Columbus Belmont SP, *Hickman*, 15 October (RD, HC, ME) was the latest to be reported.
- Yellow Warbler** – singles at Sauerheber 25 September (BP, KOS) and at LBL, *Trigg*, 10 October (BLi) were the latest to be reported.
- Chestnut-sided Warbler** – 2 on the Anchorage Trail 23 August (JBe, PB, BA) and 1 at McConnell Springs, Lexington, 24 August (LT) were the earliest to be reported.
- Magnolia Warbler** – 2 on the Anchorage Trail 23 August (JBe, PB, BA) and 1 at Mt. Zion, *Pulaski*, 24 August (RD) were the earliest to be reported; 1 at Lake Cumberland SRP, *Russell*, 4 November (RD) was tardy.
- Cape May Warbler** – 1 at Mt. Zion, *Pulaski*, 24 August (RD) was quite early. Other reports of interest included 1 at Mammoth Cave 12 September (TD); 1 on the Anchorage Trail 3/7/10 October (JBe, PB); 1 at Berea Forest 3 October (SM); and a tardy bird at South Williamson, *Pike*, 4 November (†JC).
- Black-throated Blue Warbler** – there were five reports: a female at Mammoth Cave 9 September (LC); a male at Lexington 11 September (IS); a female at Middle Creek Park, *Boone*, 11 September (LM); 1 in *Campbell* 18 September (RL *vide* LM); and a female at Barren River Lake SRP 24 September (DR).
- Yellow-rumped Warbler** – 1 at Red River Gorge, *Wolfe* (DL, ASK), a "small flock" at Cherokee Park, Louisville (BW), and 3 at Sauerheber (BP, KOS), all 25 September, were the earliest to be reported.
- Blackburnian Warbler** – 2 or 3 on the Anchorage Trail 23 August (JBe, PB, BA) and 3 at Mt. Zion, *Pulaski*, 24 August (RD) were the earliest to be reported.
- Palm Warbler** – 2 at Cave Run Lake 4 September (DL, ASK) and 1 at Surrey Hills Farm 8 September (BP) were the earliest to be reported; an unspecified number at Adairville, *Logan*, 13-14 November (ST) and 6 at Barren River Lake SRP 23 November (DR) were the latest to be reported.
- Bay-breasted Warbler** – 1 on the Anchorage Trail 27 August (JBe, PB, CBs) was the earliest to be reported.
- Cerulean Warbler** – 1 at Mammoth Cave 12 September (TD) was relatively late.
- Prothonotary Warbler** – 2 at Ky Dam Village SRP, *Marshall*, 17 September (BP) and 1 below Ky Dam 18 September (BP, MMn) were the latest to be reported.
- Ovenbird** – 1 at Thruston, *Daviess*, 19 October (MTh) was tardy.
- Connecticut Warbler** – there were three reports: 1 at Gunpowder Creek Nature Park, *Boone*, 5 September (LM); 1 on the Anchorage Trail 7 September (JBe, PB); and 1 at Berea 12 September (†RF, RBa).
- Mourning Warbler** – there were only three reports: 1 along Pointer Creek Road, *Pulaski*, 29 August (RD); 2 s. of Mt. Zion, *Allen* (MBy); and 1 on the Anchorage Trail 5 September (JBe, PB, CBs).
- Common Yellowthroat** – singles at Garvin Brown 23 October (MA) and below Barkley Dam, *Lyon*, 17 November (MA) were tardy.
- Hooded Warbler** – 1 s. of Mt. Zion, *Allen*, 9 October (MBy) was relatively tardy.
- Wilson's Warbler** – singles on the Anchorage Trail 26-27 August (JBe, PB, CBs) and at Lake Cumberland WMA, *Pulaski*, 28 August (RD) were the earliest to be reported. One at Prospect, *Jefferson*, 22 November (†JKr) was very tardy.
- Canada Warbler** – singles on the Anchorage Trail 21 August (JBe, PB, CBs) & 23 August (JBe, PB, BA) were the earliest to

be reported; 1 s. of Mt. Zion, *Allen*, 5 October (MBy) was the latest to be reported.

Yellow-breasted Chat – singles near Laketon, *Carlisle*, 18 September (BP, MMn) and in LBL, *Trigg*, 22 September (BLi) were the latest to be reported.

American Tree Sparrow – 1 near Fishersville 24 November (JHu) was the earliest to be reported.

Chipping Sparrow – as is now the norm, lingering birds were noted at several locales into late November.

Clay-colored Sparrow – 1 was reported at Melco 15 October (†MA). KBRC review required.

Vesper Sparrow – 1-2 were reported at seven scattered locales 9 October–7 November (m. ob.).

Lark Sparrow – 2 along Uniontown-Mt. Vernon Road, *Union*, 13 August (CC) were the only ones reported.

Savannah Sparrow – peak counts of interest included 85 at Melco 2 October (MA) and ca. 225 below Barkley Dam, *Lyon*, 17 November (MA).

Grasshopper Sparrow – there were two reports: 1 in *Simpson* 14 October (DR, TD) and 1 at Melco 16 October (BY, MY).

Le Conte's Sparrow – at least 3 at Sauerheber 31 October (BP) were the only ones reported.

Fox Sparrow – singles on the Anchorage Trail 7 October (JBe, PB) and at Iroquois Park 12 October (BW) were the earliest to be reported.

Lincoln's Sparrow – 1 at Sauerheber 25 September (BP, KOS) was the earliest to be reported. Ten at Melco 16 October (EHu) was a relatively impressive tally.

White-crowned Sparrow – 1 at Green River State Forest, *Henderson*, 26 September (BP, KOS) tied the early arrival date for the state.

Dark-eyed Junco – 1 in *McCreary* 2 October (RD) was the earliest to be reported.

Northern Cardinal – a female incubating on a nest at Gunpowder Creek Nature

Park, *Boone*, 6 September (LM) represented an especially late breeding attempt.

Blue Grosbeak – singles at Garvin Brown 23 October (MA) and at Sauerheber 25 October (CC) were the latest to be reported.

Indigo Bunting – a recently fledged juv. netted and banded at Shaker Village, along with another of the same age seen, 9 September (KHe et al.) represented a relatively late nesting. Flocks of 42 at Long Point 8 October (HC) and probably at least 100 at Quarry Road Beach, Barren, *Barren*, 12 October (DR) represented the season's peak counts.

Dickcissel – there were several reports of interest: a loose group of 15-20 near Clear Creek WMA, *Hopkins*, 4 September (BP, EHu, MMn); 3 at Long Point 5 September (BP, EHu, MMn) with 1 there 14 October (RD); 1 at Sauerheber 9 September/9 October (CC/DR, KOS); and 1 at Moore Pond, *Barren*, 5 October (DR).

Bobolink – 1-2 were reported at six scattered locales in central and w. Kentucky 26 August–21 September (m. ob.); other reports included a flock of at least 40 calling overhead at Surrey Hills Farm 3 September (BP); 3 near Clear Creek WMA, *Hopkins*, 4 September (BP, EHu, MMn); a flock of ca. 35 nw. of Danville, *Boyle*, 12 September (BP); 1 at Fishing Creek 27 September (RD); and 2 at Sauerheber 4/9 October (CC/DR, KOS) with 1 lingering there to 31 October (ph. CC, BP, EHu), the last representing a new late departure date for the state.

Eastern Meadowlark – a flock of ca. 65 near Bon Ayr, *Barren*, 20 November (DR) was relatively impressive.

Western Meadowlark – 1 at Camp #11 on 31 October (†BP, ph. EHu) represented a first for *Union*.

Rusty Blackbird – reports of interest included a relatively early bird heard in w. *Henderson* 9 October (DR, TD); 30 at Lake Cumberland WMA, *Pulaski*, 3 November (RD); 5 in LBL, *Lyon*, 7 November (BLi); and ca. 35 at Uno, se. *Hart*, 23 November (MS).

Brewer's Blackbird – there were five reports: 6 at Camp #11 on 31 October (BP, EHu); 1 at Sauerheber 3 November (BP, EHu, CC); 16 at Open Pond, *Fulton*, 9 November (RD); at least 50 along KY 70 e. of Madisonville, *Hopkins*, 29 November (BP, EHu); and 7 at the WKU Farm, *Warren*, 30 November (DR).

Purple Finch – 2 heard at Red River Gorge, *Powell*, 23 October (BP) and 1 on the Anchorage Trail 28 October (JBe, PB) were the earliest to be reported; ca. 30 near Big Gimlet, *Elliott*, during the last weekend of November (EM) represented the season's peak count.

Pine Siskin – 1 heard at The Narrows, *Barren*, *Barren*, 20 October (DR); 2 at Lexington 23 October (JS, DS_w); 3 at Bardstown, *Nelson*, 1 November (PG); and 1 in LBL, *Trigg*, 3 November (BLi) were the earliest to be reported. The species was relatively widespread in small numbers by first week of November with ca. 12 at Cave Creek, *Pulaski*, 2 November (LO); ca. 30 at Cub Run, *Hart*, 5 November (JKi); and 15 in *Boone* 6 November (JRo) representing the season's peak counts.

Erratum to the Summer 2010 Report: The name of Tom Durbin (TD) was omitted from the list of Observers.

Observers: Michael Autin (MA), Ryan Ankeny (RA), Audubon Society of Kentucky (ASK), Bonnie Avery (BA), Rebecca Bates (RBa), Matthan Beachy (MBy), Tom Becker (TB), Carl Bochmann (CBo), Colleen Craven-Becker (CBr), Beckham Bird Club (BBC), Jane Bell (JBe), Pat Bell (PB), Carol Besse (CBs), Gretchen Bolton (GB), Jane & J.P. Brantley (J&JBy), Karon Broadbent (KB), David Brown (DB), Horace Brown (HB), Rick Buchanan (RBu), Michael Callan (MC), Joan Carr (JC), Hap Chambers (HC), Kathy Cohen (KC), Derek Coomer (DC), Granville Cox (GC), Linda Craiger (LC), Charlie Crawford (CC), Roseanna Denton (RD), Scott Dickman (SD), Tom Durbin (TD), Melissa Easley (ME), Mike Flynn (MF), Preston & Shari Forsythe (P&SF), Robert Foster (RF), Bill Friel (BF), Judy Galatzine (JG), Paula Geihs (PG), Wallace Gullett (WG), Kay Harker (KHa), Erin Harper (EHa), Lana Hays (LH), Richard Healy (RH), Kate Heyden (KHe), Eddie Huber (EHu), Jennifer Huber (JHu), John Hutcherson (JHt), Becky Jackson (BJa), Bob Johnson (BJo), Larry Johnson (LJ), Kentucky Ornithological Society (KOS), Janet Kistler (JKi), Steve Kistler (SK), John Krull (JKr), Betsy Lang (BLa), David Lang (DL), Bill Lisowsky (BLi), Paula Lisowsky (PL), Ron Lusby (RL), Frank Lyne (FL), Scott Marsh (SM), Don Martin (DMa), Jim McCormac (JM), Lee McNeely (LM), Mike Miller (MMi), Mark Monroe (MMn), Nancy Moore (NM), Evelyn Morgan (EM), Arlene Morton (AM), Mike Morton (MMr), multiple observers (m. ob.), Danny Murphy (DMu), Ronnie Murphey (RM), Jason Nally (JN), Anne Newbury (ANy), Andy Newman (ANn), Northern Kentucky Bird Club (NKBC), Darrin O'Brien (DO), Laura Obiso (LO), Chris Pace (CP), Brainard Palmer-Ball, Jr. (BP), Jennifer Perkins (JPe), Doreen Pulliam (DP), Joe Pulliam (JPu), Scott Record (SRe), Frank Renfrow (FR), John Rice (JRi), Art & Tina Ricketts (A&TR), Michael Riggs (MR), Eric Ripma (ER), Gerald Robe (GR), David Roemer (DR), Steve Rogers (SRo), Jeff Rowe (JRo), Bill Scates (BS), Lou Shain (LS), Stephen Stedman (SS), Ian Stewart (IS), Del Striegel (DSt), Mitchell Sturgeon (MS), Dave Svetich (DSv), Doreen Swanson (DSw), Joe Swanson (JS), Ed Talbott (ET), Laurie Thomas (LT), Marilee Thompson (MTh), Russ Thompson (RT), Mike Todd (MTo), Daniel Troyer (DT), Van Truan (VT), Stephen Tyson (ST), Shawchi Vorisek (SV), Jim Williams (JW), Mike Wright (MW), Ben Yandell (BY), Mary Yandell (MY), Aviva Yasgur (AY); Thomas Young (TY).

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MID-WINTER BIRD COUNT 2010–2011

Blaine R. Ferrell

Reports of 31 counts were received from across the Commonwealth (Fig. 1). A total of 132 species was recorded on count days, with three additional species observed during count weeks: Lesser Black-backed Gull, Great Black-backed Gull (both at Land Between the Lakes) and Common Yellowthroat (Russell County). Twenty-one species were observed on all counts and twelve species were observed on only one count during count days.

The count period seemed to be colder overall compared with the previous several years, and there was more snow cover in most areas of the state. Temperatures ranged from a low of 9°F. at Green River Lake 28 December to a high of 64°F. at Glasgow 31 December. Waterfowl numbers were up, with Canada Geese, Gadwall, American Wigeon, and Mallards double in number compared with last year. Cackling Geese and Ross's Geese were observed. Ring-necked Ducks and Hooded Mergansers were down in number. Wild Turkey numbers remained at the same level as last year. Raptor numbers were similar to last year, except the number of Northern Harriers went from 21 last year to 156. Numbers of Herring and Ring-billed gulls climbed substantially, but numbers were lower for Bonaparte's Gull. The number of Red-headed Woodpeckers remained good, and Red-breasted Nuthatch numbers were up. Eastern Bluebird numbers remained constant. Seeds and fruits seemed to be in plentiful supply. Consistent with this notion, Blue Jay, American Crow, Cedar Waxwing, American Robin, Purple Finch and several sparrow numbers were up remarkably. Blackbird numbers were up, including a nice influx of Rusty Blackbirds. Pine Siskin numbers remained relatively low. It is particularly hard to determine trends due to the varying number of counts, observers and weather. There were few real overall highlights on count days, but the Ross's Geese (Ballard County, Hodgenville, and Bernheim Forest), Long-tailed Ducks and Black-crowned Night-Heron (Warsaw), American Bittern and Virginia Rails (Paradise), Ospreys (Falmouth and Lexington), Thayer's Gull (Land Between the Lakes), and House Wren (Wayne County) were nice finds.

Thanks are extended to the many observers and compilers who participated in this year's count and who submitted results on the appropriate forms. Also, thanks to compilers who submitted documentation for unusual species to the editor and to the Kentucky Bird Records Committee. Records of species unusual for the count do not constitute official records until reviewed by the Kentucky Bird Records Committee.

Ballard County (all points within a 15-mile diameter circle, center at jct. KY 358 and Stove Corner Road; 37.12284N, -088.9518 W). Habitat as described in 1984. Dec 20; 5:30 a.m. to 5:00 p.m.; Sky clear (a.m.) to cloudy (after mid-p.m.); temp. 24–45°F; wind SE, 0–15 m.p.h. Water partly open.

Four observers in three parties. Total party hours 23 (12 on foot, 11 by car). Total party miles 112 (4 on foot, 108 by car). Hours owling 1.0. Total species 96; total individuals 38,929.

Observers: John Brunjes, Eddie Huber, Brainard Palmer-Ball, Jr. (compiler), and Scott Record.

The day was an excellent one for conducting the count until heavy cloud cover rolled in during the mid-afternoon and put an end to most songbird activity. The species total (96) tied the previous high for the count in 2008. The count did not coincide with the bi-monthly aerial waterfowl survey by the Ky. Dept. of Fish and Wildlife Resources, so ground counts of waterfowl were used. Waterfowl highlights included a single Ross's Goose, ca. 8,000 Snow Geese, 975 Greater White-fronted Geese, and 479 American Wigeon. Other highlights included a yellowlegs that was heard overhead but not observed nor confirmed as to species, seven Pine Warblers (at three locales), a Le Conte's Sparrow, and eight Brewer's Blackbirds. Red-headed Woodpeckers were present in average numbers in the bottomland

forests, and the soft mast crop (most notably poison ivy and sugarberry/hackberry fruits) was present but not abundant. Better coverage of some weedy, lowland fields resulted in some above-average tallies of open habitat sparrows. Again this year, both vulture species were seen just outside of the count circle over southern Illinois.

Calloway County (all points within a 15 mile diameter circle, center Douglas Cemetery; 36.5984N, -88.1958W). Habitat 30% urban, 15% deciduous and pine woods, 35% open fields, 20% lake shore. Dec. 30; 6:30 a.m. to 4:30 p.m. Sky partly cloudy; temp. 46–52°F; wind SE, 13-26 m.p.h. Water partly frozen.

Seven observers in one to five parties and two feeder watchers. Total party-hours 24 (4 on foot, 20 by car). Total party-miles 226.5 (5.5 on foot, 221.0 by car). Total species 81; total individuals 14,577.

Observers: Hap Chambers (compiler), Kathy Cohen, Bob Head, Mike Miller, John Pollpeter, Darrin Samborski, and Aviva Yasgur.

There were 6 adult and 1 immature Bald Eagles.

Land Between the Lakes (all points within a 15-mile diameter circle, center Pisgah Creek, ¼ mile west of the Trace; 36.9333N, -88.1167W; as well as Kentucky Dam, Barkley Dam, Lake Barkley in the vicinity of Kuttawa, and the Jonathan Creek embayment of Kentucky Lake). Habitat as described in 1984 in *American Birds*. Dec. 18; 6:00 a.m. to 4:30 p.m. Sky cloudy (a.m.) to partly cloudy (p.m.); temp. 26–36°F; wind, mainly WNW, 3-6 m.p.h.

Twenty-nine observers in nine parties (one party was a feeder watcher at the Nature Station). Total party-hours 55.5 (12.0 on foot, 43.5 by car). Total party-miles 426.3 (9.5 on foot, 416.8 by car). Total species 92; total individuals 14,952.

Observers: Tom Anderson, Rob Arndt, Mitz Bailey, Hap Chambers, J. David Chiles, Marty Davenport, Jen Dowdy, Emily Dustman, Melissa Easley, Curtis Fowler, Brook Gilley, Carrie Gindl, Donald Gladis (feeder watcher), Willard Gray, Drew Heyward, Ruthanne Heyward, Amy Krzton-Presson, Bill Lisowski, Paula Lisowski, Andrea Merimee, John Pollpeter, Darrin Samborski, Mary Schmidt, Carrie Szwed, Josh Szwed, Joy Tamminga, Steve White, Sonya Wood-Mahler, and Aviva Yasgur (compiler).

This year's count was a very happy day for many participants because it was the first time in several years that it didn't rain on us! In fact, we had great weather for birding – cold temperatures, no precipitation, and very light winds. One factor that may have influenced numbers to some extent though was that the good weather brought out a lot of duck hunters. Unfortunately, many parties reported that ducks were scarce but duck hunters were abundant in their areas! Also, a spate of cold temperatures for many days before the count caused many bays and inland lakes (where we typically see a lot of waterfowl) to be frozen. A good showing of 29 participants counted this year, with a mixture of experienced birders as well as beginners.

We totaled 92 species on count day (plus a “non-countable” Trumpeter Swan), which is right on a par with past years' numbers for this area. Several species were seen in higher numbers than during the past decade, including Common Goldeneye, Great Blue Heron, Black Vulture, Bald Eagle (37 ads., 25 imms.), Wilson's Snipe, Ring-billed Gull, Golden-crowned Kinglet, Ruby-crowned Kinglet, Hermit Thrush, American Pipit, White-crowned Sparrow, and Purple Finch. There were also several species seen in lower numbers than usual, such as American Coot, Bonaparte's Gull, Pileated Woodpecker, White-breasted Nuthatch, and Dark-eyed Junco. Some of the more unusual sightings included a Barn Owl, Tundra Swan (immature), Trumpeter Swan, Northern Pintails, Thayer's Gull, and three Pine Warblers. Some of the conspicuously missing species were Wood Duck, Redhead, and Northern Bobwhite. Approximately 1000 scaup sp. are not included in the table. Thank you to all the participants who continue to make the Land Between the Lakes Bird Count a success each year. We look forward to many more years of midwinter birding!

Sorgho (all points within a 15-mile diameter circle, center jct. Hwy. 279-S and Audubon Parkway; 37.76297N, -87.23086W). Habitat: Ohio River, river bottoms, woods, stubble fields, county park, city parks, ponds, and residential areas. Jan. 1; 8:30 a.m. to 4:30 p.m. Sky cloudy to overcast; temp. 42–32°F; wind 7-8 m.p.h. No precipitation with temperatures dropping from a high of 54°F. at midnight to 24°F. by 9:00 p.m.

Nineteen observers in ten parties. Total party-hours 27.0 (10.5 on foot, 16.5 by car). Total party-miles 180.5 (12.5 on foot, 168.0 by car). Total species 53; total individuals 25,261.

Observers: Patricia Augenstein, Michael Autin, David Ayer, Henry Conner, Brenda Eaden, Tony Eaden, Jill Flachskam, Janet Howard (compiler), Ken Hurm, Mary Kissel, Bill Little, Brenda Little, Charles Morris, Laura Morris, Madeline Oetinger, Frances Tichenor, Lynn Tichenor, Rose Ann Radzelovage, and Carolyn Williams.

Olmstead (all points within a 15-mile diameter circle, center at jct. Ky 1041 and Ky 1151; 36.81673N, -86.89357W.) Habitat: 75% is cultivated farmland and the remainder includes blocks of deciduous woods, fencerows, pasture, grown-up fields, developed areas and open water. Dec. 28; 6:30 a.m. to 4:15 p.m. Sky clear with a few cirrus clouds; temp. 10–39°F; wind, calm to mild WSW. All bodies of water except Lake Herndon (Boy Scout Lake) were ice covered.

Five observers in two to three parties with one feeder watcher. Total party-hours 20.25 (8.00 on foot, 12.25 by car). Total party-miles 180.1 (5.1 on foot, 175.0 by car). Hours owling 0.25. Total species 66; total individuals 8932.

Observers: Mark Bennett (compiler), David Brown, Tom Durbin, Alison Lyne (feeder-watcher), Frank Lyne, and David Roemer.

Highlights of the 18th consecutive Olmstead count included count record numbers for participants (5), Canada Goose (260), Red-shouldered Hawk (2), Mourning Dove (726), Northern Flicker (34), American Crow (188), Horned Lark (1601), Golden-crowned Kinglet (11), Eastern Bluebird (129), Eastern Towhee (39), White-throated Sparrow (112), and American Goldfinch (135). A covey of 12 Northern Bobwhite was observed marking the first observation of this species since 2005 and the first covey since 2000. Two additional highlights included the Cooper's Hawk flying with a "blackbird" prey item in its talons and a visual-auditory observation of a second Cooper's Hawk issuing a warning call. It should be noted that Killdeer was missed for the first time.

Paradise (all points within a 15-mile diameter circle, center at Hopewell Cemetery in southern Ohio County; 37.27755N, -86.95868W). Habitat as described in 1993. Jan. 2; 4:30 a.m. to 5:15 p.m. Clear; temp. 20–35°F; wind W, 0-15 m.p.h. Water mostly frozen.

Four observers in four parties. Total party hours 33.0 (14.5 on foot, 18.5 by car). Total party miles 181 (8 on foot, 173 by car). Hours owling 2.0. Total species 82; total individuals 9740.

Observers: Eddie Huber, Brainard Palmer-Ball, Jr. (compiler), Eric Williams, and Barbara Woerner.

The day was sunny but cold; a calm morning turned breezy in the afternoon. The species total (82) was slightly below average, at least in part due to below-average coverage. Raptor totals continue to be well below the numbers present during the first ten years of the count. Highlights included an American Bittern on the Sinclair Unit of Peabody WMA where one has been seen twice on previous counts, *four* Merlins, two Virginia Rails (heard calling from different marshes in Muhlenberg County), three Marsh Wrens, a Pine Warbler, and *60* Fox Sparrows. Berry-eaters were present in average numbers. Several thousand additional unidentified blackbirds going to roost in the evening are not included in the table.

Bowling Green (all points within a 15-mile diameter circle, center Three Springs, six miles south of Bowling Green; 36.915896N, -86.435922W). Habitat deciduous woods 20%,

fields and pastures 60%, and town and parks 20%. Dec. 19; 7:00 a.m. to 4:00 p.m. Sky mostly cloudy; temp. 19–37°F; wind N, 5-10 m.p.h.

Six observers in three parties. Total party-hours 24 (8 on foot, 16 by car). Total party-miles 178 (5 on foot, 173 by car). Total species 77; total individuals 16,528.

Observers: Valerie Brown, Tom Durbin, Blaine Ferrell (compiler), Wayne Mason, Albert Meier, and David Roemer.

Allen County (all points within a 15-mile diameter circle, center at Holland Post Office; 36.69887N, -86.06928W). Habitat: 55% open grasslands, fencerows, and wood edges, 25% deciduous woods, 20% bare ground and weedy fields (mostly bare ground). Jan. 1; 7:00 a.m. to 4:30 p.m. Rain (a.m.) to cloudy (p.m.); temp. 57–39°F; wind NNW, 0-10 m.p.h. Water open.

Seven observers in one to three parties. Total party hours 13.5 (4.5 on foot, 9.0 by horse and buggy). Total party miles 34.5 (4.5 on foot, 30 by horse and buggy). Total species 49; 2190 individuals.

Observers: Jamin Beachy, Matthan Beachy (compiler), Daniel Brubaker, Matthew Brubaker, Stephen Brubaker, Daniel Troyer, and Paul Weaver.

Upton (all points within a 15-mile diameter circle, center 0.5 mile southwest of Hill-top, eastern Grayson County; 37.38964N, -86.1137W). Habitat: woodland, farmland, river and Nolin Reservoir. Dec. 22; 5:30 a.m. to 5:30 p.m. Sky cloudy; temp. 30–34°F; 10-20 m.p.h. Cold, cloudy, and windy.

Seven observers in two parties. Total party-hours 12 (3 on foot, 9 by car). Total party-miles 100 (1 on foot, 99 by car). Total species 71; total individuals 2342.

Observers: Bruce Bardin, John Brittain (compiler), Lisa Brittain, Carol Friedman, Dan Givens, Janet Kistler, and Steve Kistler.

Cold and cloudy weather kept the total individual count the lowest ever, but with open water on several large ponds, the waterfowl count was the best ever and the species total was a record high. A large pond on Brooks Road, Edmonson County (east of Nolin State Park) constructed 4-5 years ago has added considerably to the species count. A raft of ducks included Canvasback and Redheads, seen for the first time in this area, as well as Ring-necked and Ruddy ducks and a Gadwall. Other species seen for the first time included Hooded Mergansers, Loggerhead Shrike, and a total of eight Short-eared Owls. A count high of 12 Northern Harriers was recorded. Four Bald Eagles were observed over Nolin Reservoir.

Mammoth Cave National Park (all points within a 15-mile diameter circle, center at Park headquarters; 37.18644N, -86.1011W). Habitat as described in 1980. Dec. 21; 7:00 a.m. to 3:00 p.m. Sky overcast; temp. 41–47°F; wind SE-E, 5-6 m.p.h. Drizzle off and on.

Four observers in two parties. Total party-hours 13 (4 on foot, 9 by car). Total party-miles 138 (5 on foot, 133 by car). Total species 45; total individuals 1552.

Observers: Blaine Ferrell (compiler), Aaron Hulseley, Wayne Mason, and Albert Meier.

What was believed to be a Northern Shoveler x Mallard hybrid was observed at First Creek Lake with a flock of Mallards.

Hart County (all points within a 15-mile diameter circle, center corner of Craddock Road and Jagers Lane; 37.28352N, -85.83795W). Habitat: rural fields and forests; one large (Hundred-Acre) pond, and Green River. Dec. 20; 6:00 a.m. to 5:00 p.m. Sky partly cloudy; temp. 23–43°F; wind calm.

Eleven observers in three parties. Total party-hours 17 (6 on foot, 11 by car). Total party-miles 95 (4 on foot, 91 by car). Total species 65; total individuals 5713.

Observers: Bonnie Avery, Bruce Bardin, John Brittain, Lisa Brittain, Linda Craiger, Carol Friedman, Carla Glass, Janet Kistler, Steve Kistler (compiler), David Roemer, and Mitchell Sturgeon.

This was the 25th year for this winter count. Relatively high numbers of Mourning Doves, American Kestrels, Eurasian Collared-Doves, and Red-headed Woodpeckers were found. Chipping Sparrow was a new species for this count.

Glasgow (all points within a 15-mile diameter circle, center Barren County Court-house; 36.99564N, -85.91274W). Habitat as described in 1986. Dec. 31; 7:00 a.m. to 4:45 p.m. Sky overcast; temp. 42–64°F; wind gusty, 15-20 m.p.h. Rained every hour.

Five observers in two parties. Total party-hours 16.75 (6.50 on foot, 10.25 by car). Total party-miles 129.5 (5.5 on foot, 124.0 by car). Total species 80; total individuals 6679.

Observers: Linda Craiger, Aaron Hulsey, Wayne M. Mason (compiler), David Roemer, and Stephen Stedman.

Otter Creek Park (all points within a 15-mile diameter circle, center just west of the jct. of KY 1238 and Pack Lane, about two miles southwest of the Park entrance; 37.91409N, -86.06984W). Habitat as described in 2001. Dec 23; 8:00 a.m. to 5:00 p.m. Sky mostly clear to partly cloudy; temp. 22–40°F.; wind N, 0-12 m.p.h. Water mostly frozen.

Nine observers in three to five parties. Total party hours 25 (12 on foot, 13 by car). Total party miles 148.5 (5.5 on foot, 143.0 by car). Total species 71; total individuals 8936.

Observers: Dick Dennis, Kathy Dennis, Charlie Fothergill, David Fothergill, John Fothergill, Eddie Huber, Brainard Palmer-Ball, Jr. (compiler), Del Striegel and Barbara Woerner.

The species total (71) was about average for this count. The day started out quite cold but remained partly cloudy. Highlights included several uncommon waterfowl species on Doe Valley Lake, 16 Red-headed Woodpeckers in oak-hickory woodlots, three Brown Thrashers, a Pine Warbler, and a flock of at least 150 Rusty Blackbirds. Natural food supplies were apparently quite spotty, as many areas that normally hold numbers of songbirds were lacking flocks.

Bernheim Forest (all points within a 15-mile diameter circle, center at Forest lookout tower, 2.75 miles SE of Forest entrance; 37.902405N, -085.62752W). Habitat as described in 1974. Dec 26; 8:00 a.m. to 5:30 p.m. Sky cloudy; temp. 24–30°F; wind NW, 5-20 m.p.h. Intermittent light snow flurries and snow showers throughout the day. Water mostly frozen.

Eleven observers in six parties. Total party hours 35.0 (13.5 on foot, 21.5 by car). Total party miles 212.5 (8.5 on foot, 204.0 by car). Total species 69; total individuals 6657.

Observers: Ryan Ankeny, Mary Bill Bauer, Carl Bochmann, JoAnn Bochmann, Dona Coates, Sharon Henry, Eddie Huber, Brainard Palmer-Ball, Jr. (compiler), Cindy Saffell, Nancy Vance, and Barbara Woerner.

The species total (69) was about average for recent years. The cloudy, breezy conditions made for reduced songbird numbers. Highlights of the day included two immature Ross's Geese on a lake near Boston, four Bald Eagles, a juvenile Golden Eagle, 8 Chipping Sparrows, at least 20 Lapland Longspurs with a large flock of Horned Larks, and 3 Pine Siskins. Natural food supplies appeared to be below average, so berry-eating species were not present in large numbers, and flocks of ground foraging songbirds were relatively scarce. One exception was the number of Fox Sparrows (32), which was above average despite the relatively poor showing of other sparrows.

Hodgenville (all points within a 15-mile diameter circle, center courthouse square in downtown Hodgenville; 37.57375N, -85.74038W) Habitat: urban, old growth hardwood forest, open farm fields, and woodlots; Dec. 17; 8:00 a.m. to 5:30 p.m. Sky cloudy and foggy; temp. 27–31°F; wind W 6 m.p.h. Icy.

Five observers in three parties. Total party-hours 20.0 (5.5 on foot, 15.0 by car). Total party-miles 218 (2 on foot, 216 by car). Total species 73; total individuals 7220.

Observers: Sandy Brue (compiler), Tom Durbin, Kathy Nagy, David Roemer, and Barbara Woerner.

(continued on page 38)

2010-2011 Mid-winter Bird Count	Ballard County	Calloway County	Land Between the Lakes	Sorgho	Olmstead	Paradise	Bowling Green	Allen County	Upton	Mammoth Cave Nat'l Park	Hart County	Glasgow	Otter Creek Park	Bernheim Forest
Black Vulture	-	20	6	-	29	7	23	-	183	2	56	104	10	29
Turkey Vulture	-	187	9	1	11	2	18	1	52	-	9	52	20	3
Osprey	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bald Eagle	10	7	62	1	-	1	cw	-	4	-	2	9	1	4
Northern Harrier	7	3	2	1	8	18	10	3	12	-	5	23	1	2
Sharp-shinned Hawk	2	1	-	2	2	2	4	-	1	-	2	1	1	3
Cooper's Hawk	3	1	2	3	2	9	6	1	cw	-	2	3	1	4
Sharp-sh./Cooper's Hawk	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Red-shouldered Hawk	20	16	13	-	2	16	-	2	1	-	2	1	5	15
Red-tailed Hawk	26	18	18	20	31	17	49	7	10	1	25	11	29	17
Rough-legged Hawk	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Golden Eagle	-	-	-	-	-	-	-	-	-	-	-	-	-	1
American Kestrel	13	25	8	48	25	12	38	5	16	-	51	12	18	10
Merlin	-	-	-	-	-	4	1	-	-	-	-	-	-	-
Peregrine Falcon	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Virginia Rail	-	-	-	-	-	2	-	-	-	-	-	-	-	-
American Coot	6	252	590	-	-	200	22	-	-	-	-	-	6	-
Sandhill Crane	-	-	-	-	-	11	47	-	-	-	-	800	-	-
Killdeer	13	27	56	-	-	-	1	-	1	-	-	75	-	7
yellowlegs sp.	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Least Sandpiper	-	-	6	-	-	-	-	-	-	-	-	-	-	-
Dunlin	-	-	-	-	-	-	-	-	-	-	-	4	-	-
Wilson's Snipe	17	-	18	-	1	-	-	-	1	-	1	-	-	3
Bonaparte's Gull	-	495	375	-	-	-	-	-	2	-	-	280	-	-
Ring-billed Gull	225	1050	3870	-	-	-	-	12	14	-	-	2330	-	-
Herring Gull	1	500	183	-	-	-	-	-	-	-	-	-	-	-
Thayer's Gull	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Rock Pigeon	32	76	244	291	25	50	725	22	26	-	43	65	32	235
Eurasian Collared-Dove	10	-	-	91	-	-	-	-	-	-	32	-	-	-
Mourning Dove	104	570	35	216	726	8	1345	123	85	17	830	80	95	107
Barn Owl	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Eastern Screech-Owl	1	-	-	-	1	4	-	-	2	-	1	1	-	-
Great Horned Owl	1	-	-	cw	-	3	1	-	-	-	-	-	-	-
Barred Owl	8	1	4	1	2	2	1	-	3	-	1	-	1	-
Short-eared Owl	-	-	-	-	-	5	-	-	8	-	-	3	-	-
Belted Kingfisher	5	1	15	2	4	6	2	2	1	1	2	4	4	2
Red-headed Woodpecker	28	13	57	-	8	-	2	5	-	-	19	2	16	-

Hodgenville	Louisville	Shelbyville	Green River Lake	Frankfort	Kleber WMA	Warsaw	Burlington	Falmouth	Danville	Lexington	Richmond	Russell County	Wayne County	Somerset	London	Cumberland Falls	Total
11	12	180	65	43	2	5	120	-	18	64	2	58	69	65	19	1	1203
13	10	12	8	49	1	3	38	-	65	70	27	37	2	12	4	6	722
-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	2
-	5	cw	5	-	-	4	6	-	-	-	2	-	2	cw	-	4	127
7	5	12	-	-	-	5	-	-	10	8	6	7	5	3	-	1	164
-	3	1	2	1	-	-	1	-	cw	4	1	2	2	2	-	-	40
2	9	1	-	4	1	1	2	2	5	10	4	1	3	7	4	-	93
-	1	-	2	-	-	-	-	-	-	-	-	-	1	-	-	3	8
3	19	1	5	-	-	-	1	3	4	1	-	12	8	8	20	7	185
22	37	44	12	12	8	9	18	4	96	107	49	10	17	12	16	8	760
1	-	2	-	-	-	-	2	-	1	-	-	-	-	-	-	-	7
-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	2
23	12	32	15	5	4	12	8	2	55	49	27	29	29	53	30	9	675
-	cw	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-	7
-	4	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	6
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
5	43	cw	56	1	-	11	-	-	2	32	132	1	3	2	14	-	1378
-	cw	-	-	-	-	-	-	-	3	-	-	138	5	-	-	-	1004
1	6	1	9	4	-	-	-	2	11	18	2	20	30	1	-	3	288
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
-	1	1	-	1	-	-	-	-	1	9	-	2	-	cw	2	2	60
-	-	-	40	-	-	1	-	8	-	-	-	43	4	1	-	-	1249
-	446	-	875	-	-	350	53	2500	-	5	-	503	12	124	-	6	12375
-	1	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	687
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
100	967	171	21	10	-	60	18	2	37	162	29	14	11	398	219	21	4106
-	-	2	-	-	-	-	-	-	-	-	-	9	3	-	-	-	144
689	374	436	94	161	86	111	324	19	784	539	111	192	430	1181	462	145	10479
-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	2
-	1	-	-	-	-	4	-	-	1	4	-	1	-	1	3	2	27
-	2	-	-	-	-	2	-	-	2	2	-	-	-	cw	-	-	13
-	2	-	2	-	-	-	1	-	9	-	-	1	-	-	-	1	40
-	-	3	-	-	-	-	-	-	-	1	-	-	-	-	-	-	20
3	12	1	1	7	2	5	2	-	4	7	1	3	2	3	3	3	110
-	-	-	1	-	-	-	-	-	1	2	5	6	-	5	8	7	185

2010-2011 Mid-winter Bird Count	Ballard County	Calloway County	Land Between the Lakes	Sorgho	Olmstead	Paradise	Bowling Green	Allen County	Upton	Mammoth Cave Nat'l Park	Hart County	Glasgow	Otter Creek Park	Bernheim Forest
Red-bellied Woodpecker	33	55	75	35	34	15	31	28	9	23	31	18	48	38
Yel.-bellied Sapsucker	10	8	16	1	8	1	5	3	1	5	4	2	9	4
Downy Woodpecker	29	27	63	19	21	19	23	8	2	11	16	11	20	30
Hairy Woodpecker	4	4	5	2	5	9	3	2	1	3	2	5	6	4
Northern Flicker	28	22	45	19	35	15	39	17	8	25	50	15	21	10
Pileated Woodpecker	9	5	12	-	4	8	5	9	2	11	5	7	12	6
Eastern Phoebe	3	-	3	-	-	-	2	1	-	2	1	-	-	-
Loggerhead Shrike	1	-	-	-	4	-	1	-	1	-	2	1	-	-
Blue Jay	46	90	147	85	114	65	51	41	28	19	49	32	137	202
American Crow	18	133	75	35	188	149	133	81	162	35	128	82	192	132
Horned Lark	105	-	-	320	1601	4	552	-	125	-	55	11	69	358
Carolina Chickadee	64	64	86	34	27	65	31	18	18	22	47	23	76	140
Tufted Titmouse	45	51	118	11	39	46	51	42	22	40	24	28	95	145
Red-breasted Nuthatch	-	1	cw	2	-	5	1	-	cw	4	-	2	4	2
White-breasted Nuthatch	16	15	48	5	9	2	18	19	12	4	13	3	18	29
Brown Creeper	5	3	13	-	cw	-	4	2	1	3	-	4	1	5
Carolina Wren	64	41	79	9	34	25	52	6	16	30	20	32	26	34
House Wren	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Winter Wren	2	-	-	-	1	-	6	-	cw	1	1	1	1	2
Marsh Wren	-	-	-	-	-	3	-	-	-	-	-	-	-	-
Golden-crowned Kinglet	22	12	36	5	11	2	19	9	6	18	12	53	22	16
Ruby-crowned Kinglet	20	1	19	-	1	4	1	-	2	1	-	-	1	-
Eastern Bluebird	48	154	84	56	129	86	112	43	42	29	120	57	37	64
Hermit Thrush	12	2	46	-	1	9	4	-	2	2	2	2	7	6
American Robin	65	808	40	49	347	11	1580	451	91	339	600	595	192	121
Northern Mockingbird	24	26	10	44	39	8	35	29	3	-	45	7	19	37
Brown Thrasher	5	2	-	-	2	5	2	-	-	-	1	2	3	1
European Starling	1175	2631	533	3393	1540	1034	6216	393	528	54	2000	880	5532	1025
American Pipit	-	-	10	-	1	-	1	-	3	-	-	1	-	4
Cedar Waxwing	9	43	118	-	63	2	45	123	8	17	31	3	21	4
Lapland Longspur	5	-	-	-	23	-	3	-	-	-	-	-	-	20
Yellow-rumped Warbler	39	11	121	4	8	96	37	13	6	20	23	62	41	50
Pine Warbler	7	1	3	-	-	1	-	-	-	-	-	3	1	-
Palm Warbler	-	-	-	-	-	-	-	-	-	-	-	2	-	-
Eastern Towhee	25	26	85	9	39	31	29	13	3	42	13	9	58	62
American Tree Sparrow	15	3	1	2	-	35	-	-	-	15	-	-	7	24
Chipping Sparrow	2	-	-	-	10	-	6	-	-	-	2	20	-	8

Hodgenville	Louisville	Shelbyville	Green River Lake	Frankfort	Kieber WMA	Warsaw	Burlington	Falmouth	Danville	Lexington	Richmond	Russell County	Wayne County	Somerset	London	Cumberland Falls	Total
25	63	14	26	32	15	11	32	4	37	38	23	48	41	57	37	43	1019
5	13	-	2	3	-	2	2	2	1	11	-	8	2	3	1	6	138
18	48	15	12	27	10	10	36	7	37	48	27	20	22	44	26	33	739
2	4	1	4	6	1	2	4	2	10	8	1	4	5	6	6	6	126
22	41	14	8	3	2	12	10	1	29	29	20	35	30	37	26	18	686
3	8	3	8	6	6	-	10	1	3	14	5	13	9	10	12	21	227
2	1	-	2	-	-	-	-	-	-	-	-	5	4	8	1	5	40
1	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	13
75	191	29	54	100	22	26	124	25	88	168	97	120	226	321	180	54	3006
243	219	48	16	131	121	52	94	52	192	275	306	215	459	532	2131	396	7025
610	259	30	60	150	-	522	-	13	63	5	-	16	1	40	-	-	4969
31	175	22	32	78	20	19	101	36	109	255	46	24	41	128	100	75	2007
40	122	13	36	43	12	22	85	16	154	159	15	78	57	135	94	73	1911
2	-	cw	-	1	-	-	-	-	-	-	-	2	2	-	2	2	32
11	34	3	16	15	8	10	36	11	21	18	15	29	11	37	35	49	570
3	4	-	-	3	2	-	3	-	2	5	-	-	1	4	1	2	71
24	44	5	24	28	14	12	25	9	36	74	28	26	41	83	76	36	1052
-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1
11	cw	1	2	-	-	-	1	-	1	2	-	3	-	1	2	1	40
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
31	29	1	6	7	4	1	10	10	11	25	15	25	18	43	11	14	504
-	2	-	1	-	1	-	-	1	-	2	-	-	7	4	2	-	69
80	9	15	82	22	15	17	7	-	65	44	39	104	111	205	309	87	2272
3	8	-	5	-	-	-	-	1	-	12	-	8	3	3	3	13	154
246	5461	73	45	541	4	210	471	82	1228	2687	429	103	192	353	104	33	17551
26	46	25	30	17	2	9	11	2	99	89	37	54	55	112	96	26	1062
-	1	-	1	-	-	-	-	-	1	1	1	3	4	2	-	4	41
832	6135	1266	3211	817	91	585	792	375	6400	10151	1721	1935	1850	8426	11104	603	83228
1	2	-	-	-	-	-	-	-	-	-	-	2	6	-	-	-	31
302	23	-	-	12	-	20	2	-	2	9	-	4	50	-	-	80	991
2	3	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	58
64	38	2	59	5	8	10	14	8	3	5	31	59	48	74	11	5	975
1	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	19
-	-	-	-	-	-	-	-	-	-	-	-	cw	-	-	-	-	2
16	26	cw	11	1	1	6	20	6	5	23	30	34	37	76	25	35	796
-	56	1	1	-	3	105	35	9	-	7	5	cw	-	3	3	-	330
-	2	2	1	-	-	-	-	-	28	13	5	74	39	25	12	40	289

2010-2011 Mid-winter Bird Count	Ballard County	Calloway County	Land Between the Lakes	Sorgho	Olmstead	Paradise	Bowling Green	Allen County	Upton	Mammoth Cave Nat'l Park	Hart County	Glasgow	Otter Creek Park	Bernheim Forest
Field Sparrow	91	11	10	12	46	74	54	42	10	26	116	73	43	151
Savannah Sparrow	182	1	13	-	10	34	46	2	20	-	7	2	5	20
Le Conte's Sparrow	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Fox Sparrow	21	2	7	-	1	60	2	3	cw	4	3	1	8	32
Song Sparrow	304	32	35	36	42	164	97	149	16	63	232	92	124	157
Swamp Sparrow	502	3	7	4	6	143	22	20	-	23	6	16	2	11
White-throated Sparrow	236	204	334	18	112	109	271	162	10	208	82	107	99	175
White-crowned Sparrow	35	15	7	2	38	25	52	18	3	-	49	4	50	28
Dark-eyed Junco	125	80	351	39	72	145	75	37	11	67	161	20	184	535
Northern Cardinal	181	62	131	111	156	154	132	83	31	43	60	70	155	297
Red-winged Blackbird	2575	574	439	10160	851	3090	1091	1	10	2	142	34	200	-
Eastern Meadowlark	133	76	16	4	192	77	110	33	73	-	87	32	1	124
Rusty Blackbird	70	4	38	1	-	6	128	-	-	1	-	-	150	-
Brewer's Blackbird	8	-	-	-	-	-	-	-	24	-	-	-	-	-
Common Grackle	7525	4765	1173	5029	1400	2040	1215	-	3	-	163	113	25	1
Brown-headed Cowbird	52	15	4	4252	220	13	239	-	-	2	-	15	15	81
Purple Finch	-	9	40	-	-	2	2	8	10	204	4	4	5	8
House Finch	26	31	36	63	42	-	16	-	41	-	16	7	8	2
Pine Siskin	-	-	-	-	1	-	-	-	-	-	-	-	-	3
American Goldfinch	88	89	75	33	135	118	98	68	55	66	71	41	34	162
House Sparrow	48	26	11	356	75	25	76	6	4	-	86	52	56	42
Day of Count	D20	D30	D18	J1	D28	J2	D19	J1	D22	D21	D20	D31	D23	D26
Number of Species	96	81	92	53	66	82	77	49	71	45	65	80	71	69
Number of Individuals	38929	14577	14952	25261	8932	9740	16528	2190	2342	1552	5713	6679	8936	6657
Number of Observers	4	9	29	19	5	4	6	7	7	4	11	5	9	11

Hodgenville	Louisville	Shelbyville	Green River Lake	Frankfort	Kleber WMA	Warsaw	Burlington	Falmouth	Danville	Lexington	Richmond	Russell County	Wayne County	Somerset	London	Cumberland Falls	Total
70	22	12	51	9	5	1	10	2	35	22	161	146	71	125	16	21	1538
43	1	cw	19	-	-	-	-	-	7	15	3	37	75	5	-	-	547
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
7	17	cw	1	3	-	5	1	-	3	9	5	11	1	17	1	3	228
65	212	3	99	84	30	40	61	29	220	372	194	181	180	218	82	90	3703
3	24	-	36	5	-	-	11	-	3	2	6	18	7	19	1	4	904
76	292	1	89	42	17	23	41	24	105	347	118	360	117	289	55	112	4235
70	53	21	59	41	5	15	11	4	159	111	24	66	93	169	11	13	1251
85	241	8	62	100	18	35	42	52	138	350	106	190	133	178	109	268	4017
165	392	42	120	153	21	56	114	59	302	522	114	328	146	543	210	128	5081
12	21	2	-	-	-	-	-	-	-	33	-	-	-	24	1	4	19256
280	3	50	32	-	-	-	-	-	224	24	28	182	131	51	101	13	2077
3	10	10	-	2	-	-	1	-	200	4	250	26	-	-	-	14	918
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32
-	125	20	150	25	-	-	22	2	6	141	85	7	10	3	60	1	24109
10	230	12	1	41	-	-	4	22	61	180	14	63	3	-	5	22	5576
-	9	1	4	8	10	-	7	1	5	39	2	-	1	3	5	2	393
3	120	18	29	29	4	5	19	-	109	183	3	28	45	129	34	20	1066
-	-	-	-	4	-	-	-	-	-	2	-	-	-	-	7	-	17
65	205	21	43	78	12	140	79	20	231	385	52	99	44	144	121	78	2950
234	137	31	45	20	16	28	23	9	57	186	30	46	125	40	70	2	1962
D17	D19	J2	D28	D18	D20	D18	J1	D27	D18	D18	D18	D14	D16	J1	D31	D18	
73	90	58	75	57	40	67	63	47	69	88	75	82	77	75	66	74	
7220	20393	4381	6733	3763	606	4030	5470	3495	12433	22873	6587	6249	5510	15747	16556	3132	308104
5	35	11	6	12	2	2	13	2	20	68	10	7	6	17	10	9	356

Louisville (all points within a 15-mile diameter circle, center Jct. Highways 42 and 22, as described in 1972; 38.2813N, -85.63481W). Habitat: Ohio River, parks, cemeteries, agricultural, suburban, and urban areas. Dec. 19; 8:00 a.m. to 11:00 p.m. Sky partly cloudy; temp. 21–32°F; wind WSW, 3 m.p.h. Snow and ice on the ground, lakes and ponds were frozen.

Thirty-five observers in 14 parties. Total party-hours 79.00 (46.25 on foot, 32.75 by car). Total party miles 391.3 (33.6 on foot, 357.7 by car). Total species 90; total individuals 20,393.

Observers: Garrett Adams, Win Ahrens, Ryan Ankeny, Michael Autin, Jamie Baker, Mary Bill Bauer, Tom Becker, Jane Bell and Pat Bell (compilers), Carol Besse, Ren Bilkey, Wanda Bilkey, Carl Bochmann, Rod Botkins, Sandy Brue, Dona Coates, Colleen Craven-Becker, Sara Deetsch, Steve Deetsch, Jane Fender, Rod Goforth, Charles Hatten, Bob Johnson, Frank Krull, John Krull, Fred Mansmith, Carol McAllister, Paul McAllister, Tim Ritter, David Stewart, Jack Still, Nancy Vance, Meg Vogt, Major Waltman, and Barbara Woerner.

Despite icy conditions that continued into the count day from the ice storm 16 December, the number of species found (90) by the 35 observers was very good. Lakes and ponds were frozen; parks and cemeteries were closed; trails were slick and hazardous; food supply was better than last year. Every group was surprised at the number of species that they were able to locate under such conditions. Sunshine and little wind made for pleasant birding. Thanks to those who participated on the Louisville count.

Shelbyville (all points within a 15-mile diameter circle, center 0.75 mile south of U.S. 60 and Guist Creek Lake on KY 714; 38.18997N, -85.14535W). Habitat: farmland, fallow land, suburban, wooded and grassland. Elevation 640–1190 ft. Jan. 2; 8:00 a.m. to 6:00 p.m. Sky clear. 18–37°F; wind W, 15 m.p.h.

Eleven observers in five parties. Total party-hours 31 (7 on foot, 24 by car). Total party-miles 231.5 (10.5 on foot, 221.0 by car). Total species 58; total individuals 4381.

Observers: Flavia Barbosa, Joan Brown, W.H. Brown (compiler), Cathy King, Karen Quinn, Michael Reichert, Walt Reichert, Anna Schindler, David Schindler, Benton Young, and Steven Young.

Green River Lake (all points within a 15-mile diameter circle, center Green River Memorial Baptist Church, Taylor County, Kentucky; 37.175409N, -85.220413W). Habitat: old fields, agricultural fields and borders, second-growth forest, Green River riparian areas, open water, including Green River Lake and Campbellsville City Lake. Dec. 28; 8:00 a.m. to 5:00 p.m. Sky partly cloudy; temp. 9–37°F; wind 0-20 m.p.h.; calm until late in the day.

Six observers in three parties. Total party-hours 20.00 (11.25 on foot, 8.75 by car). Total party-miles 111 (5 on foot, 106 by car). Total species 75; total individuals 6733.

Observers: Lloyd Curry (compiler), Amy Etherington, Eddie Huber, Richie Kessler, Brainard Palmer-Ball, and Don Pelly.

Frankfort (all points within a 15-mile diameter circle, center jct. US 127 and KY 1900; 38.22612N, -84.85022W). Habitat as described in 1977. Dec. 18; 7:30 a.m. to 5:00 p.m. Sky cloudy; temp. 24–27°F; wind SW, 1-10 m.p.h. One to two inches of snow cover. Still water partly frozen.

Nine observers in five parties plus three feeder watchers. Total party-hours 24 (5 on foot, 19 by car, with 6 at feeders). Total party-miles 167.5 (5.5 on foot, 162.0 by car). Total species 57; total individuals 3763.

Observers: Terry Anderson, Peggy Gould (compiler), Mary Pat Hankla, Scott Hankla, Virginia Honaker, Jeff Jones, Joel Jones, Anna Schindler, David Schindler, Edwin Shouse, Mary Shouse, and Tim Williams.

Kleber Wildlife Management Area (all points within a 15-mile diameter circle, center jct. KY 227 and KY 845W at Hesler, Ky.; 38.46333N, -84.7769W). Habitat as described in 1972. Dec. 20; 8:00 a.m. to 5:00 p.m. Sky partly cloudy; temp. 22–28°F; wind 2–10 m.p.h..

Two observers in one party. Total party-hours 9 (7 on foot, 2 by car). Total party-miles 60 (4 on foot, 56 by car). Total species 40; total individuals 606.

Observers: Jeff Jones (compiler) and Joel Jones.

Warsaw (all points within a 15-mile diameter circle, center Gallatin County Courthouse; 38.78387N, -84.90227W; portion of circle in adjacent Switzerland Co., Indiana, is not covered). Habitat as described in 1992. Dec. 18; 6:45 a.m. to 5:45 p.m. Sky mostly cloudy; temp. 18–31°F; wind SW, 3–5 m.p.h. Three inches of snow cover. Most water frozen but Ohio River open.

Two observers in two parties. Total party-hours 18 (4 on foot, 14 by car). Total party-miles 143 (2 on foot, 141 by car). Total species 67; total individuals 4030.

Observers: Joe Caminiti and Lee McNeely (compiler).

Waterfowl were well-represented with 13 species present. Notable were eight Greater White-fronted Geese at the Ghent Power Plant and two Long-tailed Ducks at the Warsaw riverfront. High numbers of Horned Larks were found along with a single Lapland Longspur.

Burlington (all points within a 15-mile diameter circle, center near Camp Michaels; 38.94932N, -84.74624W). Habitat as described in 1992. Jan 1; 6:30 a.m. to 6:00 p.m. Sky overcast showers in the morning, but some afternoon clearing; temp. 39–55°F; wind SW, 10–14 m.p.h. Ohio River open but most other water frozen.

Thirteen observers in seven parties. Total party-hours 37 (17 on foot, 20 by car). Total party-miles 202 (8 on foot, 194 by car). Total species 63; total individuals 5,470.

Observers: Linda Altevers, Joe Caminiti, Elaine Carroll, Melissa Desjardin, Don Martin, Robbie Martin, Lee McNeely (compiler), Gayle Pille, Bert Schulte, Carmen Schulte, Tommy Stephens, Lydia Young, and Travis Young.

Morning rain hampered counting efforts. Good finds included six Bald Eagles and two Rough-legged Hawks.

Falmouth (all points within a 15-mile diameter circle, center near Caddo, Ky.; 38.74738N, -84.24473W). Habitat: 50% woodland and forest edge, 25% river and lake shoreline, 20% agricultural, and 5% residential. Dec. 27; 7:15 a.m. to 3:15 p.m. Sky cloudy; temp. 17–27°F; wind calm. Ohio River open, all other water frozen. One-two inches of snow cover were present.

Two observers in two parties. Total party-hours 13.5 (4.0 on foot, 9.5 by car). Total party-miles 87 (4 on foot, 83 by car). Total species 47; total individuals 3495.

Observers: Ed Groneman and Tommy Stephens.

Construction of a hydroelectric plant at Meldahl Dam has limited access to view the Ohio River above the dam. A record high number of gulls was present. The Osprey was well seen in flight below Meldahl Dam by Tommy Stephens.

Danville (all points within a 15-mile diameter circle, center Boyle County Courthouse; 37.64634N, -84.77345W). Habitat: water edge (15%), urban (10%), cultivated (10%), field/fence row (35%), wooded edge (24%), and feeder (6%). Dec. 18; 8:00 a.m. to 5:00 p.m. Sky cloudy; temp. 23–28°F; wind 0 m.p.h. Crust on 2–3 inches of snow cover.

Twenty-one observers in seven parties. Total party-hours 53.00 (12.25 on foot, 40.75 by car). Total party-miles 432.25 (9.25 on foot, 423.00 by car). Total species 69; total individuals 12,433.

Observers: Jane Brantley, J.P. Brantley, Granville Cox, Ginny Eklund, Neil Eklund (compiler), Martha Foster, Bill Garriott, JoAnn Hamm, Michael Hamm, Kate Heyden, Mike Lauer, Ben Leffew, Anne Lubbers, Gail Manning, Jody Metcalf, Preston Miles, Eric

Mount, Jack Newton, Don Pelly, Rob Pendency, and Jami Powell.

Two of our nine teams cancelled due to illness and ice-covered roads and paths.

Lexington (all points within a 15-mile diameter circle, center intersection of Tates Creek Road and East Hickman Road; 37.91979N, -84.46929W). Habitat: suburban, farmland, woodlots, reservoirs, farm ponds, Kentucky River cliffs, and bottomland floodplains. Dec. 18; 6:45 a.m. to 5:30 p.m. Cloudy; temp. 22–30°F.; wind variable, 0–4 m.p.h. Water partly open.

Forty-one observers in 13-14 parties, plus 27 feeder-watchers. Total party-hours 87.75 (24.00 on foot, 63.75 by car). Hours owling: 0.75. Total party-miles 437.5 (14.5 on foot, 423.0 by car). Total species 88; 22,873 total individuals.

Observers: Ellen Allen, Patty Allen, Ben Augustine, Laura Baird, Tom Barnes, Ramish Bhatt, Susan Bhatt, Thad Bishop, Gretchen Bolton, Rose Canon, Don Chestnut, Katie Clark, Mary Carol Cooper, John Cox, Wayne Davis, Phyllis Deal, Susan Dombrowski, Sandy Elliot, Josh Felch, Mike Flynn, Brenda Franey, Gay Fugate, Ann Gossage, Bruce Halsted, Sharon Halsted, Susan Hammond, Marsha Hennig, Jim Hodge, Beverly James, Doreen Jesek, Mike King, Allen Kingsland, Terri Koontz, Betsy Lang, David Lang (co-compiler), Bob Leeson, Kathrine Lyon, Scott Marsh, Dorna Marshall, Tom Martin, Betty Maxson (co-compiler), Bill Maxson, Jody McKee, Kay Neikirk, Jeff Noffsinger, Michael O'Connor, Barbara Ott, Linda Pannill, David Powers, Joe Pulliam, Nancy Reed, Father Johnny Ross, Pat Scheidt, Lou Shain, Ian Stewart, Rick Stoffer, E. Marie Sutton, Dave Svetich, Joe Swanson, Charles Tremoulet, Gretchen Tremoulet, Jackie Van Willigen, Lesile Wayman, Amy Williams, James Williams, Fred Wohlstein, Karen Wohlstein, Bernice Wood.

We had a very good count with a total of 88 species, just missing the record high count of 89 attained in 1984 and 1991. The best finds included Common Merganser, Osprey, Short-eared Owl, Lapland Longspur (a count first), and Pine Warbler. Noticeable misses this year included American Wigeon, Lesser Scaup, Northern Bobwhite, Rough-legged Hawk, Loggerhead Shrike, and Red-breasted Nuthatch. Record numbers of the following species were tallied: Canada Goose (3709), Great Blue Heron (62), Northern Harrier (8), Red-tailed Hawk (107), Chipping Sparrow (13), Savannah Sparrow (15), Song Sparrow (372), and American Goldfinch (385). We also had a record number of participants this year with 68, 41 field observers and 27 feeder watchers. Thanks to everyone who participated and helped organize this year.

Richmond (all points within a 15-mile diameter circle, center ca. 0.7 air mi E of jct. US 25 and KY 1983 (White Station Road); 37.6311N, -84.2638W). Habitat: fencerows and roadsides (20%), pasture/open fields (55%), woodland (20%), lawns (4%), and lakes and ponds (1%). Dec. 18; 6:30 a.m. to 8:30 p.m. Sky cloudy; temp. 21–28°F; wind 0-4 m.p.h. It rained every hour.

Ten observers in five parties. Total party-hours 32.5 (11.5 on foot, 21.0 by car), Total party-miles 230 (15 on foot, 215 by car). Total species 75; total individuals 6587.

Observers: David Brown, Andrea Drayer, Adam Heist, Ryan O'Connor, Sarah Martin, Laurel McIvor, Gary Ritchison (compiler), Tyler Smith, Ian Stewart, and Todd Weinkam.

Russell County (all points within a 15-mile diameter circle, center jct. of Owensby Road and Highway 3281; 36.96583N, -85.12167W). Habitat as described in 2008. Dec. 14; 5:30 a.m. to 5:30 p.m. Sky cloudy (a.m.) to clear (p.m.); temp. 10–23°F; wind W, 0-5 m.p.h. Snow flurries early, approximately three inches of snow on the ground.

Seven observers in four parties. Total party-hours 36.5 (5.5 on foot, 31 by car). Total party-miles 319.75 (2.75 on foot, 317.00 by car). Total species 82; total individuals 6249.

Observers: Terry Campbell, Granville Cox, Gay Hodges, Arlene Morton, Roseanna Denton (compiler), Steve Denton, and Stephen Stedman.

Wayne County (all points within a 15-mile circle, center intersection of Route 3106 and 1275; 36.8972N, -84.8215W). Habitat as described in 2004. Dec. 16; 7:30 a.m. to 5:30 p.m. Sky overcast; temp. 33–39°F; wind variable, 0-10 m.p.h.

Six observers in five parties. Total party-hours 40.25 (5.00 on foot, 35.25 by car). Total party-miles 301 (3 on foot, 298 by car). Total species 77; total individuals 5510.

Observers: Terry Campbell, Roseanna Denton (compiler), Bret Kuss, Linda McClen- don, Arlene Morton, and Stephen Stedman.

Three teal sp. (reported as Blue-wingeds) were observed but are not included in the table.

Somerset (all points within a 15-mile diameter circle, center junction of Bypass Hwy. 80 and Hwy. 39; 37.10246N, -84.603792W). Habitat as described in 2000. Jan. 1; 7:30 a.m. to 5:45 p.m. Sky overcast; temp. 45–63°F; wind variable, 0-30 m.p.h.

Seventeen observers in seven parties. Total party-hours 62.25 (9.75 by foot, 52.50 by car). Total party-miles 458.5 (5.0 on foot, 453.5 by car). Total species 75; total individuals 15,747.

Observers: Wendi Allen, Judy Brant, Rhonda Bryant, Granville Cox, Roseanna Denton (compiler), Steve Denton, Gay Hodges, James Kiser, Scott Marsh, Linda McClen- don, Lynda Mills, Tom Mills, Kimberly Morgan, Arlene Morton, David Powers, Carlo Shivel, and Stephen Stedman.

A hybrid Mallard x American Black Duck was seen but is not included in the table.

London (all points within a 15-mile diameter circle, center Route 3432 and U.S. 25, 37.13546N, -84.0963W). Habitat: 50% pasture and hay fields, 45% forested, 1% cultivated, 1% lakes, ponds and streams, 1% fence rows, residential yards, 2% roads. Dec. 31; 7:30 a.m. to 5:50 p.m. Sky cloudy a.m., partly clear p.m.; temp. 35–64°F; wind SW, 15 m.p.h.

Ten observers in four parties. Total party-hours 37.5 (6.5 on foot, 31.0 by car). Total party-miles 342.0 (2.5 by foot, 339.5 by car). Total species 66; total individuals 16,556.

Observers: Winona Allen, Granville Cox (compiler), Thelma Cox, Roseanna Denton, Steve Denton, Gay Hodges, Arlene Morton, Marie Oakley, David Powers, and Carlo Shivel.

Cumberland Falls (all points within a 15-mile diameter circle, center on upper Bark Camp Creek; 36.89N, -84.2611W). Habitat: mostly forested (about 70% upland oak and pine, mixed forest, and hemlock forest), about 20% in small rural home lots, small farm holdings, and minimal residential and urban areas. One moderately large reservoir (Laurel Lake) and about 17 miles of the Cumberland River/Lake Cumberland and its riparian forest. Dec. 18; 7:30 a.m. to 5:30 p.m. Sky overcast; temp. 26–34°F; wind NW 5 m.p.h. Light snow flurries in the morning.

Nine observers in four parties. Total party-hours 32.5 (9.5 on foot, 23.0 by car). Total party-miles 207.5 (6.5 by foot, 201.0 by car). Total species 77, total individuals 3132.

Observers: Wendi Allen, Sara Ash, Roseanna Denton, Steve Denton, Becky Killian, Bret Kuss (compiler), Marie Oakely, Carlo Shivel, and Renee Yetter.

This was the first count for this area.

—Ogden College of Science and Engineering, Western Kentucky University, Bowling Green, KY, 42101 (blaine.ferrell@wku.edu).

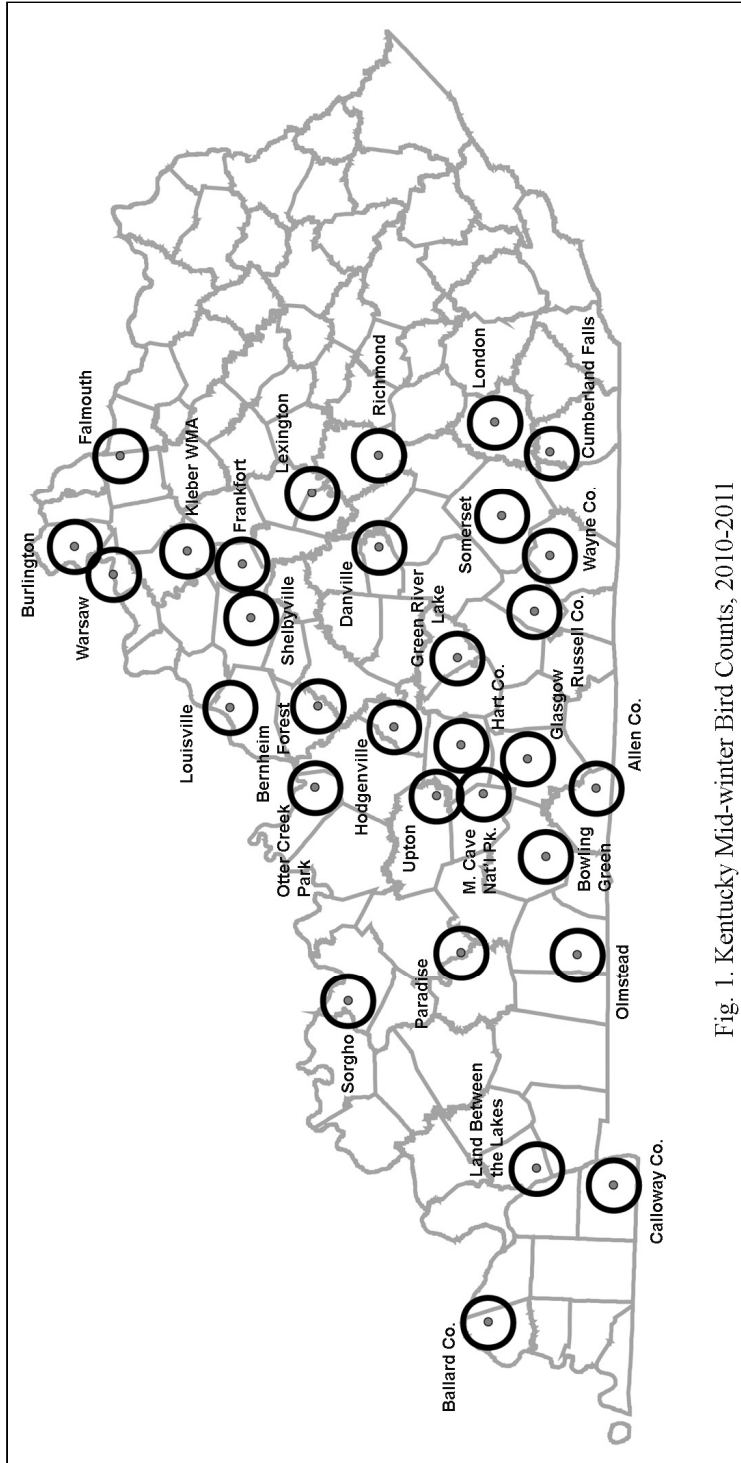


Fig. 1. Kentucky Mid-winter Bird Counts, 2010-2011

NEWS AND VIEWS

Mark Your Calendar for the 2011 Nightjar Survey

The Center for Conservation Biology developed the Nightjar Survey Network in 2007 to begin the process of collecting data on the distributions and population trends of nightjars. Relatively little is known about nightjar biology, and prior to this program there was no widespread monitoring strategy for the group. Conservation-minded citizens, biologists, and other like-minded groups fuel the Nightjar Survey Network by volunteering to conduct survey routes. Objectives of this project include gaining a better understanding of the population, distribution, and habitat use of nightjars, as well as detecting long-term population changes.

Participation in the Nightjar Survey is easy. Surveys are conducted along roads, at least 30 minutes after sunset, between moonrise and moonset and should take less than two hours to complete. Data forms can be submitted electronically or by mail. Those who participate will need 1) suitable transportation to complete a survey; 2) good hearing to count birds at a distance; 3) ability to recognize and differentiate calls of Kentucky nightjar species; 4) commitment to conduct a survey, once per year, for 3 or more years; and 5) ability to schedule surveys during one of the two survey windows (the 2011 survey windows are May 10–May 24 and June 9–July 23). Nocturnal behavior of nightjars is strongly influenced by moonlight. Thus, survey windows are restricted to bright moonlit nights.

Please visit the following website to sign up for a survey route: (www.ccb-wm.org/nightjars.htm). Many Kentucky routes are currently vacant, and your help is needed. At the website, you can also view project objectives and a report on findings from the initial years of survey. This program's success relies entirely on volunteer participation and is a great way to get involved with avian conservation. The efforts of all volunteers are much appreciated.

K.O.S. Burt L. Monroe, Jr., Avian Research Grants Available

The Burt L. Monroe, Jr., Avian Research Fund supports research on birds in Kentucky with monetary awards of up to \$1000. For guidelines on how to apply, please visit the K.O.S. web site (<http://www.biology.uku.edu/kos/monroe.htm>) or contact either Shawchyi Vorisek, Ky. Dept. of Fish and Wildlife Resources, #1 Sportsman's Lane, Frankfort, KY, 40601 (shawchyi.vorisek@ky.gov) or Dr. Blaine Ferrell, Ogden College of Science and Engineering Dean's Office, Western Kentucky University, Bowling Green, KY, 42101 (blaine.ferrell@wku.edu).

K.O.S. Anne L. Stamm Avian Education Fund Grants Available

The Anne L. Stamm Avian Education Fund supports education of children in the deeper appreciation of birds and ornithology. For guidelines on how to apply for grants of up to \$500, please contact Mark Bennett by mail at 113 Iroquois Circle, Russellville, KY, 42276, or via email at (benn5609@bellsouth.net).

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Visit the K.O.S. Website

To learn about the Kentucky Ornithological Society, visit the KOS website maintained by Dr. Gary Ritchison at <http://www.biology.uku.edu/kos/monroe.htm>.



Red-necked Grebe, *Fayette*
29 November 2010
Eddie Huber



Glossy Ibis, *Rowan*
9 October 2010
Lana Hays



Juv. Black-necked Stilts, *Fulton*
6 August 2010
Hap Chambers



Red-necked Phalarope, *Union*
24 September 2010
Brainard Palmer-Ball, Jr.



Mew Gull, Barren River Lake
18 October 2010
David Roemer



Western Meadowlark, *Union*
31 October 2010
Brainard Palmer-Ball, Jr., and Eddie Huber