

The Raven

JOURNAL OF THE VIRGINIA SOCIETY OF ORNITHOLOGY

Volume 87

Number 2

2017



The Virginia Society of Ornithology, Inc. exists to encourage the systematic study of birds in Virginia, to stimulate interest in birds, and to assist the conservation of wildlife and other natural resources. All persons interested in those objectives are welcome as members. Present membership includes every level of interest, from professional scientific ornithologists to enthusiastic amateurs.

Activities undertaken by the Society include the following:

1. An annual meeting (usually in the spring), held in a different part of the state each year, featuring talks on ornithological subjects and field trips to nearby areas.
2. Other forays or field trips lasting a day or more and scheduled throughout the year so as to include all seasons and to cover the major physiographic regions of the state.
3. A journal, *The Raven*, published twice yearly, containing articles relevant to Virginia ornithology as well as news of the activities of the Society and its chapters.
4. A newsletter, the *VSO Newsletter*, published quarterly, containing current news items of interest to members and information about upcoming events and pertinent conservation issues.
5. Study projects (nesting studies, winter bird population surveys, etc.) aimed at making genuine contributions to ornithological knowledge.

In addition, some local chapters of the Society conduct their own programs of meetings, field trips and other projects.

Those wishing to participate in any of the above activities, or to cooperate in advancing the objectives of the Society, are cordially invited to join and should contact the Membership Secretary. Annual dues are \$20.00 for active members, \$35.00 for sustaining members, \$60.00 or more for contributing members, \$500.00 for life members, and \$25.00 for family members.

Additional Information can be found on the Internet, at www.virginiabirds.net

Queries and comments about *The Raven* or the *VSO Newsletter* should be directed to the respective editors.

OFFICERS OF THE VSO IN 2016

President: Jeff Trollinger, 3728 Old Parrish Trace Gum Spring, VA. 23065 (7/01/15 - 6/30/17)

Vice President: Lenny Bankester, 5615 Chase Court, Alexandria VA 22312 (7/01/15 - 6/30/17)

Past President: Joe Coleman, 19499 Yellow Schoolhouse Rd., Round Hill, VA 20141 (7/01/15 - 6/30/17)

Secretary: Christine Stinson, 213 Arthur Circle, Ferrum VA 24088 (7/01/16 - 6/30/17)

Treasurer: Terri Cuthriell, 18102 Morgarts Beach Road, Smithfield, VA 23430 (7/01/14 - 6/30/17)

Membership Secretary: Shirley Devan, PO Box 5994, Williamsburg VA 23188-5994 (7/01/13 - 6/30/17)

Newsletter Editor: Len Alfredson, 1033 Crystal Dr #509, Arlington, VA 22202 (7/01/14 - 6/30/17)

Raven Editor: Andrew Dolby, 1411 Franklin St., Fredericksburg, VA 22401 (10/01/15 - 6/30/17)

The Raven

JOURNAL OF THE VIRGINIA SOCIETY OF ORNITHOLOGY

Editor
Andrew Dolby



Volume 87, No. 2

Published by
THE VIRGINIA SOCIETY OF ORNITHOLOGY

2017

Copyright by the Virginia Society of Ornithology, Inc.

ISSN 0034-0146

TABLE OF CONTENTS

RESULTS OF THE 2009-2014 LOUDOUN COUNTY BIRD ATLAS

Spring D. Ligi, Allison L. Sussman 3

2015 ANNUAL REPORT OF THE VIRGINIA AVIAN RECORDS COMMITTEE

Bill Williams, Wendy Ealding 18

MINUTES OF THE 2016 VSO ANNUAL MEETING

Laura Mae, Secretary 26

IN MEMORIAM

John B. Bazuin, Jr. (1947-2016) 28

First Records of Seven Bird Species for Prince Edward County, Virginia, 2012-2015

C. Michael Stinson¹, Evan Spears², and Jeremiah P.C. Stinson³

¹437 Wildflower Lane, Dillwyn, VA 23936

²204 A Fairgrounds Road, Farmville, VA 23901

³15 South Avenue, Apt. A, Harrisonburg, VA 22801

Dalmas et al. (2006) provided an annotated checklist of the birds known to occur in Prince Edward County, Virginia and the seven contiguous central Virginia counties. That work provides a baseline for the study of the birds of this region, herein termed the “south-central Piedmont.” In this article we report the first known occurrences of seven bird species in Prince Edward County found from 2012 through 2015, all of which were unknown from the county when Dalmas et al. was published. Five of the species discussed here are newly documented for the south-central Piedmont, and the other two species were previously known in that region only on the basis of sight records but are here documented by photograph. Five of the species are waterfowl; the others are a raptor and a longspur.

In the following text we give information about the initial discovery of each species in Prince Edward County followed by a brief discussion that places each report in the larger context of Virginia ornithology. In some cases the discussion also refers to subsequent reports of these species from the county, if there have been any, and in some cases to reports from other counties in Virginia. Species are discussed in the order presented in the Seventh Edition of the AOU *Check-list* as revised through its 57th Supplement (Chesser et al. 2016). The authors are referred to herein by initials (CMS, ES, or JS) while other observers are identified by initial and last name. Several of the records reported here have been reviewed by the Virginia Avian Records Committee (VARCOM), as noted in the species accounts, and all of them have been reported to eBird (ebird.org) and accepted by eBird reviewers.

Snow Goose *Chen caerulescens*

On 25 Dec 2015 CMS, JS, and L. Schneider were traveling south on US 15 in southern Buckingham County when they saw a mostly white goose standing in a field. After stopping the bird was identified as a young white morph Snow Goose. CMS photographed the goose and obtained a brief video of it walking in the field before it flew away to the north. The location of this sighting was about 2.3 km (1.4 miles) north of the Prince Edward County line at the

Appomattox River, and near the junction of Hughes Road (state route 781) and US 15. Shortly after the sighting, CMS alerted ES to the presence of the goose in the area. Two days later, 27 Dec 2015, ES and W. Rofo found what was apparently the same young Snow Goose on the larger of two islands in Wilck’s Lake, Farmville. They photographed the bird (Figure 1) and alerted CMS. Later that day CMS and JS saw the goose there as well. It was in the company of over 100 Canada Geese as well as a domestic (white Pekin strain) Mallard and two *Anser* sp. domestic geese which were resident at the lake at the time.

This Snow Goose represents the first definitely documented record of this species for both Buckingham and Prince Edward counties. The species was not a VARCOM review species for the area at the time of these sightings, but reports with images were accepted by eBird reviewers for both counties (Stinson 2015, Spears 2015b). Dalmas et al. (2006) include two reports for Snow Goose from the south-central Piedmont: a report of one bird in Appomattox County from 2004, and a report of a group of 60 seen flying overhead 12 Jan 2002 during the Darlington Heights Winter Bird Count (this count has generally been conducted following Christmas Bird Count guidelines, but not always during established count dates, and its data not submitted according to all Christmas Bird Count guidelines, hence it is not referred to as a Christmas Bird Count here). No photographs are available for either of these reports.

Unfortunately the exact location of the 2002 sighting was not recorded, and no detailed documentation appears to be available for this report. Sixty Snow Geese would be a remarkable total for south-central Virginia, and this report is listed as the high count for the Virginia Piedmont in Brinkley and Rottenborn (2007), albeit with the date of 12 Jan 2001. Even if the species identification was correct, which is uncertain, the lack of documentation leaves the sighting’s location in question because the Darlington Heights count circle includes portions of Appomattox, Charlotte, and Prince Edward counties, and it is unknown which county these birds would have been in. Thus no Snow Goose had

been definitely recorded in Prince Edward County before our 2015 sightings. The paucity of records of this species in the south-central Piedmont is noteworthy given their relative abundance on the Virginia coast, or even as close as the Richmond area, during the winter.



Figure 1. Immature Snow Goose, Wilck's Lake, Farmville VA, 27 Dec 2015. Photo by Evan Spears.

Ross's Goose *Chen rossii*

CMS and JS found and photographed two of these small geese the morning of 25 Feb 2014 with a flock of 84 Canada Geese (*Branta canadensis*) on a pond along Foxwood Drive near US 15 south of Farmville (Figure 2). They watched for approximately 30 minutes as the geese (both Ross's and Canada) alternately swam on the pond or walked about grazing in the surrounding pasture. These geese were seen at the same location each day until the evening of 27 Feb (CMS, JS, F. Day). This record was accepted in Category 1 by VARCOM in 2015 (Williams and Ealding 2016).

Ross's Goose was not recorded for the south-central Piedmont in Dalmas et al. (2006), but from 9-22 Jan 2011 a Ross's Goose was seen repeatedly with a flock of Canada Geese just south of the Prince Edward County line and east of VA 47 in Charlotte County (T. Dalmas, CMS, m.obs.; Ealding 2012). The best publicly accessible point from which to view this flock was just inside Prince Edward County, though to our knowledge the bird itself was never seen inside the county. That 2011 sighting represents the first known occurrence of Ross's Goose in the south-central Piedmont, and the 2014 birds near Farmville the second.

The circumstances of the 2011 and 2014 sightings were similar: both are records of Ross's Geese found in winter, associating with a flock of Canada Geese, and spending time at a small pond and the surrounding fields. Recent records

of this species in the nearby counties of Amherst (three birds, 1-23 Jan 2011, and one bird at a separate location, 9-15 Jan 2011; Stinson 2012) and Albemarle (one bird, 1-3 March 2013; Rothemich 2013), and the city of Lynchburg (one bird, 24-25 Nov 2015; Kelly 2015) also involved small numbers of Ross's Geese associating with Canada Geese on or near small ponds or lakes. This series of observations suggests that, contrary to some references (e.g. Crossley 2011), Ross's Goose is most likely to occur in south-central Virginia not with Snow Geese, which themselves are rare in the area, but with flocks of Canada Geese. This might also suggest something about the provenance of these birds, though exactly what that might be remains to be made clear.



Figure 2. Ross's Geese, Foxwood Drive, south of Farmville, VA, 25 Feb 2014. Photo by C. Michael Stinson.

Cackling Goose *Branta hutchinsii*

While participating in the Darlington Heights Winter Bird Count on 8 Jan 2012, ES and D. Spears found and photographed a Cackling Goose on Grand View Lake near Prospect in western Prince Edward County (Figure 3). This record (Spears 2012) was the first known report of the species in the county. A second Cackling Goose was found and photographed by ES and other birders on 27 Dec 2014 at Wilck's Lake, Farmville. Details on this sighting were submitted to VARCOM and accepted in Category 1 (Williams and Ealding 2016). A third Cackling Goose was found and photographed on 9 Feb 2016, also at Wilck's Lake (W. Rofe, CMS), but was not seen on subsequent days.

Reports of Cackling Geese have become relatively frequent in Virginia since the taxon was elevated to species status by the AOU in 2004 (Banks et al. 2004). Numerous reports from Virginia have been accepted by VARCOM and by eBird reviewers, but Cackling Goose was not reported for the south-central Piedmont in Dalmas et al. (2006), who

specifically noted the lack of records of *Branta hutchinsii* for the region. As far as we know the reports listed here represent the first for this region. Assuming that Cackling Goose continues to be recognized as a distinct species, we anticipate that there will be additional reports in the area.



Figure 3. Cackling Goose with Canada Geese, Grand View Lake, Prospect, VA, 8 Jan 2012. Photo by Evan Spears.

Trumpeter Swan *Cygnus buccinator*

On 24 Jan 2015 ES found three swans on Wilck's Lake, Farmville. One was obviously an adult Mute Swan (*Cygnus olor*), while the other two were immatures. ES photographed the immature swans (Figure 4) and sent images of the birds to CMS, who suggested after viewing the images that they could be Trumpeter Swans. Later that day additional observations of the birds allowed confirmation of this identification through both anatomical and behavioral characters, including voice. Physical characters supporting the identification included leg color, relative tail size, and bill shape. The birds were observed standing and walking on land, swimming on the lake, and in flight. All three swans were seen again the following two days (CMS et al.) but not subsequently. A report on the sighting was submitted to VARCOM, which accepted it in Category 5, the category currently used for this species due to questions about the provenance of at least some birds of this species found in Virginia (Williams and Ealding 2016).

These Trumpeter Swans represent the first record of this species from the south-central Piedmont (Dalmas et al. 2006). The Trumpeter Swans at Wilck's Lake were wary and vocal, were strong fliers, and had no bands, tags, or plumage irregularities indicating any history of captivity. It is possible that these birds were migrants from the increasing Interior population of Trumpeter Swans, which

more than doubled in size from 2005 to 2010 (Groves 2012). Records of this species have increased across Virginia in the past two decades, and it is known that some Trumpeter Swans banded in the Great Lakes region have traveled to Virginia in recent years (Rottenborn and Brinkley 2007:10).



Figure 4. Immature Trumpeter Swans, Wilck's Lake, Farmville VA, 24 Jan 2015. Photo by Evan Spears.

White-winged Scoter (North American)

Melanitta fusca (deglandi)

The first Prince Edward record for White-winged Scoter came when CMS found and photographed two of them above the dam at Sandy River Reservoir on 10-11 January 2014. A report on these two birds was accepted in Category 1 by VARCOM (Williams and Ealding 2015) despite the poor quality of the images obtained. On 24 Jan 2014, a flock of seven adults was found on the same lake, and at least one remained on the lake until 9 Feb 2014 (m.ob.). In addition to the flock of seven seen at Sandy River Reservoir, a single White-winged Scoter was found at Briery Creek Lake on 30 Jan 2014 (CMS), and one was seen there on several occasions until 18 Feb 2014. Since these reports, the species has been seen at Briery Creek Lake on 10 Mar 2015 (one bird, CMS; Figure 5), and at Sandy River Reservoir on 13 Jan 2015 (two birds, ES) and 12 Nov 2016 (one bird, CMS, ES, et al.).

White-winged Scoter was the third scoter species to be recorded in Prince Edward County, with Surf and Black scoters having already been reported from the county in Dalmas et al. 2006 (see also eBird reports). No White-winged Scoters were reported from any south-central Piedmont county in Dalmas et al. (2006), but given the reports just summarized, the species has now been reported more frequently in Prince Edward County and

the south-central Piedmont than any other scoter. The influx of White-winged Scoters into the area in 2014 (as well as the dramatic appearance of dozens of Red-necked Grebes, *Podiceps grisegena*, the same season) represented the local manifestation of a region-wide movement of ducks and grebes that was correlated with the freezing of a large portion of the surface of the Great Lakes (Brinkley 2015).

Based on anatomical characteristics at least some of the White-winged Scoters seen in Prince Edward County can be definitely assigned to the expected North American subspecies *deglandi*, and it is assumed that all belong to that taxon. This includes the shape and size of the head and bill, with *deglandi* such as the one illustrated here showing the large-billed head profile typical of the American taxon (Garner 2014). Many authorities recognize the North American *deglandi* as a distinct species from the European *M. fusca fusca*, commonly called the Velvet Scoter (Collinson et al. 2006, Garner et al. 2004). There is no evidence of Velvet Scoter having occurred in Virginia.



Figure 5. White-winged Scoter on Briery Creek Lake, 10 March 2015. Photo by C. Michael Stinson.

Mississippi Kite *Ictinia mississippiensis*

The first known individual of this elegant raptor to be recorded in Prince Edward was one seen in flight the morning of 7 May 2014 over the marsh and forest west of Wilck's Lake, Farmville (CMS). This bird was fairly distant and no photographs were obtained, though crude sketches of the bird were made and notes were taken immediately after the sighting (Stinson 2014). The second record for the species came almost exactly one year later, when ES found and photographed one 5 May 2015 in flight over Wilck's Lake a short distance northeast of the location of the first sighting (Spears 2015a; Figure 6). A third record came on

3 June 2016 when a single bird in first-year plumage was seen along Back Hampden-Sydney Road (about 6 km SW of downtown Farmville) but not relocated (Stinson 2016).

Mississippi Kites have become more common in Virginia in recent years and have bred in several locations in the state this century, including sites well north of Prince Edward in Fairfax, Prince William, and other counties (Brinkley and Rottenborn 2007). There have also been many reports from counties in the southern Piedmont other than Prince Edward, including Campbell, Halifax, Lunenburg, and Mecklenburg. Although no breeding records for the south-central Piedmont were reported by Dalmás et al. (2006), the species has bred in a few locations in the Piedmont and Coastal Plain counties along the North Carolina border (e.g. Halifax). The appearances of this bird in Prince Edward are consistent with the recent upward trend in the population of this species statewide. Additional records of Mississippi Kites in Prince Edward County should not be a surprise, and a breeding record in the near future is at least a reasonable possibility.



Figure 6. Mississippi Kite over Wilck's Lake, Farmville, VA, 5 May 2015. Photo by Evan Spears.

Lapland Longspur *Calcarius lapponicus*

This species was first recorded on the 6 Jan 2014 Darlington Heights Winter Bird Count in open farmland along Hidden Lake Road west of Prospect when a single Lapland Longspur was found foraging with a flock of Horned Larks (*Eremophila alpestris*) in a large stubble field (ES, D. Spears, Sujan Henkanathgedara). This bird was searched for

there on later dates but not seen again in 2014. On the morning of 25 Feb 2015, a Lapland Longspur was found in the same field by ES, who photographed the bird (Figure 7). The longspur was again associating with Horned Larks, and American Pipits (*Anthus rubescens*) were also in the area. ES notified CMS, who visited the site with JS that afternoon, when they were able to relocate the longspur.

As with many reports of this species in Virginia, the first two Prince Edward records involved observations of longspurs found with flocks of Horned Larks in large agricultural fields. Continued searching in similar habitats during the winter months might occasionally produce additional records, which should be documented due to the scarcity of the species in this region. In Virginia Lapland Longspurs are more frequently found in the Shenandoah Valley, especially from Augusta County north, and in the most northerly counties of the state, than in south-central Virginia; no previous records of the species are known from the south-central Piedmont (Dalmas et al. 2006).



Figure 7. Lapland Longspur at Pine Ridge Farm, western Prince Edward County, 25 Feb 2015. Photo by Evan Spears.

Conclusion

Including the seven species discussed here, the recent (post-1950) avifauna of Prince Edward County comprises at least 238 species out of a total of at least 253 species known from the south-central Piedmont (these totals include two species first found in Prince Edward in 2016, after the time frame of this article). The list of species known from Prince Edward County is longer than that known from any other south-central Piedmont county, though it is much shorter than the list for many coastal counties of Virginia, and also significantly shorter than the lists for several other

inland counties that have been the focus of more intense ornithological field work. We suspect that the current totals of species known from Prince Edward and other south-central Piedmont counties reflect the relatively large amount of field work done in Prince Edward compared to adjacent counties rather than the actual number of birds to be found in any of those counties. We anticipate the discovery of several more species new to Prince Edward County in coming years, and welcome assistance in making these discoveries.

ACKNOWLEDGMENTS

We thank Steve and Julie Hochstetler for access to Pine Ridge Farm, where we have seen Lapland Longspurs as well as several other interesting species in 2014, 2015, and 2016, and we thank Karen and Steve Watson for access to Grand View Lake, where Cackling Geese were recorded in 2012. Wendy Ealding provided information on all Prince Edward County records that had been reviewed by VARCOM through the end of April 2016. We also appreciate all the observers named above who shared time with us in the field as well as others who have reported their observations to eBird so that they could be used in this article.

LITERATURE CITED

- Banks, R. C., C. Cicero, J. L. Dunn, A. W. Kratter, P. C. Rasmussen, J. V. Remsen, J. D. Rising, D. F. Stotz. 2004. Forty-fifth supplement to the American Ornithologists' Union Check-list of North American Birds. *Auk* 121:985-995.
- Brinkley, E. S. 2015. The Changing Seasons: Winter of our discontent. *North American Birds* 68(2):178-188.
- Brinkley, E. S., and S. C. Rottenborn, eds. 2007. Virginia's Birdlife: An Annotated Checklist, Fourth Edition. Virginia Avifauna No. 7. Virginia Society of Ornithology.
- Chesser, R. T., K. J. Burns, C. Cicero, J. L. Dunn, A. W. Kratter, I. J. Lovette, P. C. Rasmussen, J. V. Remsen, Jr., J. D. Rising, D. F. Stotz, and K. Winker. 2016. Fifty-seventh Supplement to the American Ornithologists' Union Check-list of North American Birds. *Auk* 133:544-560.
- Collinson, M., D. T. Parkin, A. G. Knox, G. Sangster, and A. J. Helbig. 2006. Species limits within the genus *Melanitta*, the scoters. *British Birds* 99:183-201.
- Crossley, R. 2011. The Crossley ID Guide: Eastern Birds. Princeton University Press.

- Dalmas, T., M. Fink, D. Spears, C. M. Stinson, and C. Wells, eds. 2006. *Birds of Virginia's South-Central Piedmont: An Annotated Checklist for Prince Edward and Surrounding Counties*. Farmville: Margaret H. Watson Bird Club.
- Ealding, W. 2012. South Central (Regional Report, Winter 2010-2011). *Virginia Birds* 7(3):14-16.
- Garner, M. 2014. Velvet, White-winged, and Stejneger's Scoters: Photo Guide. *Birdwatch* 260:45-52.
- Garner, M., I. Lewington, and G. Rosenberg. 2004. Stejneger's Scoter in the western Palearctic and North America. *Birding World* 17:337-347.
- Groves, D. J. 2012. The 2010 North American Trumpeter Swan Survey: A Cooperative North American Survey. U.S. Fish and Wildlife Service, Division of Migratory Bird Management. Juneau, Alaska.
- Kelly, M. 2015. eBird Checklist: <http://ebird.org/ebird/view/checklist?subID=S25984860>. eBird: An online database of bird distribution and abundance [web application]. eBird, Ithaca, New York. Available: <http://www.ebird.org>. (Accessed: 1 Dec 2016).
- Rothemich, P. 2013. eBird Checklist: <http://ebird.org/ebird/view/checklist?subID=S13227316>. eBird: An online database of bird distribution and abundance [web application]. eBird, Ithaca, New York. Available: <http://www.ebird.org>. (Accessed: 1 Dec 2016).
- Spears, E. 2012. eBird Checklist: <http://ebird.org/ebird/view/checklist?subID=S27569510>. eBird: An online database of bird distribution and abundance [web application]. eBird, Ithaca, New York. Available: <http://www.ebird.org>. (Accessed: 1 Dec 2016).
- Spears, E. 2015a. eBird Checklist: <http://ebird.org/ebird/view/checklist/S23242709>. eBird: An online database of bird distribution and abundance [web application]. eBird, Ithaca, New York. Available: <http://www.ebird.org>. (Accessed: 1 Dec 2016).
- Spears, E. 2015b. eBird Checklist: <http://ebird.org/ebird/view/checklist?subID=S26472430>. eBird: An online database of bird distribution and abundance [web application]. eBird, Ithaca, New York. Available: <http://www.ebird.org>. (Accessed: 1 Dec 2016).
- Stinson, C. M. 2012. Central (Regional Report, Winter 2010-2011). *Virginia Birds* 7(3):7-8.
- Stinson, M. 2014. eBird Checklist: <http://ebird.org/ebird/view/checklist?subID=S18269171>. eBird: An online database of bird distribution and abundance [web application]. eBird, Ithaca, New York. Available: <http://www.ebird.org>. (Accessed: 1 Dec 2016).
- Stinson, M. 2015. eBird Checklist: <http://ebird.org/ebird/view/checklist?subID=S26500682>. eBird: An online database of bird distribution and abundance [web application]. eBird, Ithaca, New York. Available: <http://www.ebird.org>. (Accessed: 1 Dec 2016).
- Stinson, M. 2016. eBird Checklist: <http://ebird.org/ebird/atlasva/view/checklist/S30055481>. eBird: An online database of bird distribution and abundance [web application]. eBird, Ithaca, New York. Available: <http://www.ebird.org>. (Accessed: 1 Dec 2016).
- Williams, B., and W. Ealding. 2015. 2014 Annual Report of the Virginia Avian Records Committee. *Raven* 86(1):46-51.
- Williams, B., and W. Ealding. 2016. 2015 Annual Report of the Virginia Avian Records Committee. *Raven* 87(1):18-25.

VIRGINIA CHRISTMAS BIRD COUNTS: 2015-2016 SEASON

TETA KAIN
7083 Caffee Creek Lane
Gloucester, VA 23061-3374
tkdragon7@gmail.com

With the uncertain weather conditions that have prevailed over the last several years, conducting Christmas bird counts has become a tricky activity in Virginia, but the 2015-16 season saw all 52 counts back on line. As usual, there were a fair number of unusual sightings, many record high counts, and a few misses, but no new species were added to the Virginia Christmas count list.

Weather conditions a few weeks prior to the count season were unusually mild, especially in the northern areas, but by early December, winter descended upon the region. Overall, it turned out to be a milder weather pattern than Virginia had experienced in recent years. Breaks Interstate Park was the count receiving light snow. Seven counts encountered light rain, but Eastern Shore and Little Creek experienced heavy downpours which hindered birders to a great extent, even cancelling most of the afternoon birding activity at Cape Charles.

Overall, temperatures across the state were not unusual for season. The morning readings were from 18° F at The Plains to 59° F at Danville. Afternoon temperatures ranged from 35° at Breaks Interstate Park and up to the 70s on five counts across the state. There were, however, some significant highs in various areas. Big Flat Mountain topped them all with an all-time high for that count of 75°. Other record highs were Peaks of Otter with 65°, and Nokesville with 70°.

In those weeks before count season began, areas north of Virginia reported long stretches of unprecedented hot weather. Those conditions may have delayed the southward migration of several waterfowl species. Cackling Goose totals were down considerably from the totals of the previous seven years. Only two counts, Hopewell and Walkerton, reported them. Cape Charles birders reported the lowest number of Tundra Swans (7) since 1965. On the plus side, Nassawaddox had the most Brant ever (5008) in its 10-year history, more than doubling the previous high count. At Chincoteague, over 23,000 Snow Geese were present, the most there in 13 years.

For the third year in a row, Nansemond River reported a Eurasian Wigeon, and Central Loudon recorded its only sighting since 1996, when that count was first conducted. Numbers of American Wigeon were within normal ranges around most of the state, although Back Bay recorded a very low total (4) and Hopewell recorded its most ever (266).

Statewide, American Black Duck numbers were the lowest (3,816) since 1951. That was not a significant drop from the average of 4,500 in the past three years, but there has been a slow, steady decline of Black Ducks on Xmas counts for many years, whereas Mallards have maintained steady population increase for decades. Green-winged Teal numbers were up with the most seen statewide (4,604) since 2011. The total of 782 Canvasbacks represented the lowest state-wide numbers since 567 were recorded in 1982.

It was very foggy all day at Chincoteague. Visibility was down to less than a quarter mile. Tide action was so high that access could not be gained to The Hook, one of the major areas in that count circle. These conditions greatly affected waterfowl reports. But strangely enough, birders there came up with some rather impressive numbers: 1,266 Gadwall, the most in 12 years; 1,405 Northern Pintails, the most in 12 years; and 2,643 Green-winged Teal, the most in 5 years. These numbers probably reflect the habit of these dabblers to populate impoundments and other bodies of water where they tend to cling close to the shoreline to feed, thus more easily spotted in dense fog. The 30 Ring-necked Ducks were the most found there since 1997.

Only 34 Northern Shovelers showed up at Little Creek where they usually occur by the hundreds.

Nansemond River had the lowest number of Ring-necked Ducks (30) since 2005. They had been seen in hundreds for nine previous years. At that same location, only one Lesser Scaup was found. That was the lowest number since 1994. It had been missed only once in all the years of that count, which originally began in 1957. For the third year in a row, observers at Nansemond River found a Eurasian Wigeon. The one photographed at Central Loudoun, however, was only the second sighting there.

After two years of rather impressive state-wide totals (995 in 2013, and 494 in 2014), Redheads dropped significantly to only 63 birds this year. Redheads seem to exhibit a rather cyclic pattern with numbers in the triple digits for 3 to 5 years, then dropping way down for the next couple of years.

White-winged Scoter numbers remained low, with only 34 reported on four counts. On the Chesapeake Bay Bridge Tunnel between Little Creek and Eastern Shore, they continue to be scarce. Their numbers have dropped significantly since 2003. Black Scoters appeared in the usual places, but 1,003 individuals at Mathews County were way above any numbers counted there before. The previous high was 237 in 2004.

Almost always in triple digit figures for the past 25 years, and in quadruple numbers through most of the 1970s and 80s, this year's state-wide total of 34 Long-tailed Ducks is an extremely low count for that species. In fact, it's the lowest since 1956. Wachapreague birders found none at all, a rare miss for them, and Cape Charles reported only two. Common Goldeneye totals were also low, only 60 state-wide, but this species has had a poor showing on Xmas counts for 10 years or more.

There were far fewer Common Mergansers, as opposed to most years in the last decade when they appeared by the hundreds to thousands. The 165 found this year were the fewest since 1966. Brooke birders reported low waterfowl numbers. Only 5 Hooded Mergansers (usually counted in double digits), 58 Ring-necked Ducks (often occurring in triple digits, and 9 Ruddy Ducks (the lowest since 1994) were seen. Just 345 Ruddy Ducks were recorded at Fort Belvoir, where they usually occur in the thousands.

A new low was struck this year when only 26 Northern Bobwhites were reported state wide. That is the fewest found in the state since 1928. Projects to restore this bird's habitat have been initiated throughout its range, but these efforts appear to be failing so far. Ruffed Grouse did a little better, with nine birds more than last year's dismal total of just two birds.

Cape Charles observers had their second ever Eared Grebe. The only other record there was one individual in 2006. Bristol also reported one individual. Chincoteague also reported this species, but it was seen only during count week. The only Red-necked Grebe around this year was an individual at Chincoteague.

It's hard to imagine the sight, but 20,000 Red-throated Loons streaming by at Back Bay must have left observers speechless. That number surpasses any other loon count

tallied in Virginia. Two other counts, Cape Charles and Little Creek, both tallied over a thousand Red-throated Loons each. But here's a twist: in the midst of the counts that enjoyed such high numbers, Wachapreague reported none.

Little Creek and Williamsburg continue to show increases in numbers of Double-crested Cormorants, with one to three thousand occurring on both counts. This species is also beginning to appear more frequently in western areas of the state, with nine birds on four counts. A surprising 202 cormorants showed up at Banister River WMA.

Wintering populations of Brown Pelicans remained steady, with 772 on the lower Chesapeake Bay counts. That number is typical for this species.

Black-crowned Night-Herons seem to be slowly fading away. From 1968 through 1980, numbers of this species on Virginia counts mushroomed to triple digits. For instance, in 1970, 453 night-herons were counted on five coastal area counts. Suddenly, in 1981, a sharp decrease to 48 birds state-wide occurred and that has been about the average to the present day, except in 1995 and 1996, when 117 and 115, respectively, were recorded. Loss of small ponds and wet shrubby areas may be one of the major causes for this drastic decline.

The Yellow-crowned Night-Heron reported at Newport News was the only sighting on any count since 2002. The lack of any details about the observation somewhat lessens the validity of this report.

One White Ibis was recorded at Cape Charles, another at Little Creek, but the colossal aggregation of 730 birds at Back Bay seems to indicate that this species is establishing a significant wintering population at this site.

The sighting of a Broad-winged Hawk came from Nassawadox. It was the only confirmed sighting of this species since 2006.

For the second year in a row, Black Vultures broke the record state-wide all-time high count with 6,147 birds reported. The only places where they were not reported were Big Flat Mountain, Peaks of Otter, Chesapeake Bay, and two far-western counts in Buchanan and Wise Counties. Those last two counts have never reported this species, but it seems to be only a matter of time before they are found in those locations. Road kill seems to be Black Vultures' favored cuisine, and there is plenty of that to go around. They often share their fare with Bald Eagles, another species exhibiting ever-increasing numbers. Turkey Vulture state-wide numbers remain consistent year after year, between five and ten thousand birds.

A Northern Harrier was a first for Chesapeake Bay. One immature was seen crossing from the fourth to the third island of the bridge-tunnel complex.

Clapper Rails were very scarce this year. The state total was 44, less than half the number recorded in the past two years.

Although Virginia Rails have been seen during recent counts at Central Loudoun, Fort Belvoir, Northern Shenandoah Valley, and Glade Spring, none showed up on any of those counts in 2015. Glade Spring observers found a first-time-ever Common Gallinule, an exciting new species for them this year. Soras were found only at Back Bay.

Two Sandhill Cranes were photographed at Gordonsville. Although they had been spotted in the Gordonsville count circle several times previously, Sandhill Cranes had not been photographed at this location on count day.

Eleven American Avocets were at Nansemond River, the most since 1996, when 18 were found there. The only other counts ever to record this species are Chincoteague, Cape Charles, Little Creek, and Williamsburg.

American Oystercatchers have shown an encouraging uptick in numbers, occurring in quadruple numbers for two out of the last three years. This year's total of 1,373 is an all-time high count. Nassawaddox birders counted a stunning 1,146 individuals. Observers there also took the prize for the greatest number (1,218) of Black-bellied Plovers.

Few Semipalmated Plovers were reported, which happens during occasional years. Two at Chincoteague were the only ones discovered. Chincoteague was the only count that recorded Spotted Sandpiper. A shorebird species that had a good showing there was Greater Yellowlegs (155). On the other hand, only three Willets showed up, a species which is usually quite plentiful at Chincoteague most winters. Cape Charles is the winter haven for Whimbrel, and this year was no exception. Three individuals were present on count day.

A great rarity for Virginia is the appearance of Long-billed Curlews on Xmas counts. This species has quite an unusual history. The first ever count record in Virginia was a single bird at Cape Charles in 1969. Another individual appeared there in 1973. Two were recorded 10 years later in 1983, and one was found in 1985. Chincoteague birders observed one in 1988, but none were seen anywhere in Virginia until 2008. That year there was quite a stir when a Long-billed Curlew showed up during count week in the most unlikely place, Breaks Interstate Park, in the far western section of the state near the West Virginia border! Wachapreague was the next site to record this species in 2011 and now Nassawaddox has weighed in with a record high three birds this year.

Only seven Red Knots were detected this year. Most often they are found on the Cape Charles count, but all were at Chincoteague this time. Sanderling numbers were the lowest in five years. Dunlins were somewhat scarce, the total of 13,359 being the lowest in 5 years. Chincoteague birders saw far fewer Dunlin than usual, probably due to the heavy onshore winds and surf which scattered shorebirds away from the sandy stretches of shoreline.

The lone Purple Sandpiper was the fewest ever counted on the bridge-tunnel islands since the modern day count began in 1994. The six Purple Sandpipers at Chincoteague were a first for that count circle.

Chincoteague had one Black-headed Gull, as did Cape Charles. Black-headed Gulls were seen quite frequently in the 1970s and early 1980s, but have been seen very rarely since then, with only three count sightings in the intervening years.

Two hundred Brown-headed Nuthatches were discovered at Chincoteague, an astonishing number. The average over the past 44 years is 40 birds per year. However, in 1975, the most ever (215) were found on the north end of the island where the town of Chincoteague is located.

One would expect three Parasitic Jaegers state-wide to be a record high, but that is not the case. Back in the 1970s, this species was seen with some frequency, especially at Back Bay, where, in 1975, seven were recorded. During that period between 1973 and 1982, Parasitic Jaegers were seen almost every year at either Little Creek or Back Bay. Since then, their appearance has been sporadic, with only one or two reported in any given year, and sometimes none at all. This year, one was at Cape Charles. Another was a very unusual sighting off the Bay Bridge-tunnel Islands of a dark morph juvenile as it flew seaward through the Chesapeake Channel. The third individual was found off Grandview Beach on the Newport News count, a new species for that location.

The only sighting of a Black-legged Kittiwake was one during count week at Back Bay, the only report since 2009. Bonaparte's Gull numbers were very low. One or two Black-headed Gulls are usually seen every year, and 2015 was no exception. One was observed at Cape Charles and the other at Chincoteague.

Laughing Gull numbers were very high this year, augmented by Brooke's record-breaking 2,101 and 2,732 at Hopewell, not an all-time high, but many more than is usually seen there.

Lesser Black-backed Gull numbers were much lower at both Little Creek and Back Bay, bringing state total numbers down considerably. The 114 birds total was the lowest in 5 years. Glaucous Gulls were at Back Bay and Little Creek. Neither count has recorded them on count day since 1993.

It was a good year for Forster's Tern, especially on the counts all around the Chesapeake Bay. Brooke had a surprising number (28), the most ever for that count. Newport News had the most since 1991. Twenty-two Black Skimmers were the most for Virginia in 14 years. Another individual was seen during count week at Chincoteague.

Eurasian Collared-Doves continue to hold their own with 60 from four counts - Cape Charles, Little Creek, Blacksburg, and Glade Spring.

For only the second time in 43 years, Mourning Doves occurred in numbers less than 10,000. The only other time that has happened was in 2009 when only 8,886 were recorded around the state. The yearly average since 1973 has been around 16,000.

The only Long-eared Owl in the state was found on the Northern Shenandoah count.

Belted Kingfisher numbers were somewhat lower for the first time in five years.

Red-headed Woodpeckers have noticeably surged in numbers since 2007, and this year they hit an all-time high state total of 571 individuals. The counts that show the most noticeable increase are in the northeastern section of the state, with Walkerton, Washington's Birthplace, Brooke, Fort Belvoir, and Manassas-Bull Run all reporting record, or near-record, highs. Another woodpecker species that seems to be undergoing a population increase in that same area is the Hairy Woodpecker at Central Loudoun, Manassas-Bull Run and Fort Belvoir. They all chalked up record highs. At Big Flat Mountain, compiler Tom Wieboldt remarked that Hairy woodpeckers were found in larger numbers and by more parties.

This was the year when a lot of Blue-headed Vireos must have decided to take their winter vacations in Virginia. Eight circles reported a total of 14 birds. The numbers were not as spectacular as those of 1993 when 30 Blue-headed Vireos appeared on 13 counts around the state. It is not the easiest species to find, and birders in Mathews and Lynchburg were particularly pleased to find it on their counts where it does not occur very often.

The total number of Eastern Phoebes was noticeably lower. The average state total over the past 25 years is around 300/year. This year's 178 individuals is the lowest since 2003.

The Say's Phoebe observed by many on the Blackford count is only the second Virginia Xmas count record. The bird was photographed, and the record was accepted by VARCOM. Another Xmas count rarity of the flycatcher family that was found this year was the Ash-throated Flycatcher. Since 1978, this species has been recorded on six Virginia counts, most on Eastern Shore counts. Others have been recorded at Williamsburg, Hopewell and Little Creek. This year, one individual showed up at Back Bay.

Thirteen Loggerhead Shrikes were found on 4 counts, six of those at Blackford. This species has maintained a precarious existence in Virginia, with the average Xmas count total of 13 for the past 20 years. Only twice in that span of time has the total dropped to single digits. The Northern Shrike, much rarer than the Loggerhead, was spotted for the first time since 2004 in Rockingham County. Over the years, single individuals have appeared just five times: Lynchburg in 1950; Danville in 1970; Calmes Neck in 1997; Cape Charles in 2004; a count-week bird on the Shenandoah NP-Luray count in 1975; and now this bird at Rockingham in 2015.

Two White-eyed Vireos at Dismal Swamp were expected, but the one at Walkerton was a first record there.

Blue Jays were not so plentiful, with less than half of last year's number reported. Fish Crows appeared in the usual numbers, but they still tend to shun Rockingham County, August County, and Waynesboro, where they were once counted in much higher numbers during the winter. Ravens continue to creep eastward, with Danville reporting two, a first for there, and Brooke recording an all-time high of six birds.

It was a prime year for swallows. Back Bay's 4,500 Tree Swallows swelled the state total to an all-time high. Cave Swallows were back after a seven-year absence with a whopping 28 individuals at Nansemond River and 2 at Little Creek. The three at Newport News represented their first occurrence there. The most astonishing swallow record, however, was three Northern Rough-winged Swallows photographed on a wire after they flew out of a barn at Williamsburg.

It was a very poor year for Red-breasted Nuthatches. Only 22 were found throughout the state, the lowest number in 32 years. The 200 + Brown-headed Nuthatches at Chincoteague were hard to comprehend. Numbers for this species on that count have remained in double digits for many years. Such a jump in numbers is astonishing, although comparable totals occurred there in three different

years in the early 1970s. In the intervening years, numbers have ranged from the mid 30s to the low 90s.

Banister River recorded its first House Wren. Only six Sedge Wrens were present around the state, four at Nassawaddox, and two at Back Bay. Hopewell birders reported three Blue-gray Gnatcatchers and Danville one.

American Robins nearly doubled their numbers of the past eight years with over 66,000 seen around the state. Cedar Waxwings appeared in higher numbers than any year since 2009, with almost 16,000 seen on all but three counts. Only one Lapland Longspur was found, that at Cape Charles. The only Snow Bunting was one individual at Newport News.

Two Black-and-white Warblers were detected, one at Cape Charles, the other at Hopewell. A total of 18 Orange-crowned Warblers showed up, the most unusual one at Northern Shenandoah Valley, only the third record for that count. Common Yellowthroats were in all their usual places, and Nokesville chalked up its first record of this species. Blacksburg's American Redstart was the second Xmas count record for the state. Another warbler rarity was a Northern Parula seen during count week on the Rockingham County count. The most Pine Warblers in six years were recorded on 23 counts, the most unusual being an individual observed on the Bristol count.

Collectively, Savannah Sparrow counts were low, with only 701 found state-wide, the lowest since 1982. Numbers of Savannah (Ipswich) Sparrows was down to 21, the lowest in 5 years. Swamp Sparrows were found in the lowest numbers in 6 years. White-crowned Sparrow numbers were the lowest since 1983.

A state total of only 18,900 Dark-eyed Juncos were found. That's the lowest since 2000, and Northern Cardinal numbers were the lowest in 6 years.

Believe it or not, a Western Tanager was back in the same yard in Williamsburg for the 5th year in a row. Hopewell birders were pleased to find a Painted Bunting on that count, the first record of that species in the count's 76-year history. One lone Dickcissel was at Blacksburg for that count's first record. Blacksburg is another Christmas count with a very long history. It has been conducted every year since its inception in 1935.

Eastern Meadowlark numbers state-wide fell sharply compared to numbers counted in previous years.

The only Brewer's Blackbirds found in the state were photographed at Blacksburg, the second time they have been found there. The first time was in 2003.

Boat-tailed Grackle numbers continue to remain lower than usual. For the past four years, birders have succeeded in finding no more than 600 per year, almost half the average numbers of decades past.

This was certainly a banner year for Baltimore Orioles. A total of 21 around the state is the highest total since 1980. They were found in eight circles, from Cape Charles on Eastern Shore to Fincastle in the mountain region.

For the 5th year in a row, Purple Finch numbers remained very low. Weather conditions have not been friendly for this species in Virginia for quite a number of years. Pine Siskins also occurred in very low numbers.

We sadly report the passing of Tom Hunter who served as co-compiler of the Buchanan County count since it started in 2008, then served as primary compiler during the next six years. An active birder and a good friend to many, his passing was a stunning loss for the birding community in the western part of Virginia and for birders who knew him all around the state. As Lynda Mayhorn graciously took up his compiling duties, she said of him, "We all miss Tom very much. He was our quiet voice of experience with a quiet sense of humor."

There were two other changes of compilers: Ken Davis replaced Eunice Hudgins on the Peaks of Otter count, and David Raines took the place of Jayd Raines on the Breaks Interstate Park count.

One other very prestigious event took place this year: Paul Sykes racked up his 500th CBC when he participated on the Back Bay count this year. That is an unprecedented milestone in the CBC's history. Paul started his birding career back in the 1950s, and his pursuit of Christmas count participation is truly heroic. In Virginia alone, Paul has served as compiler for two counts. He organized the Little Creek CBC in 1954 and has served as compiler there every year since its beginning. That same year, he took over the compilership of Back Bay and has served in that position every year to the present except in 1962 when military duties required him to be elsewhere. Paul has also attended countless other CBCs not only in Virginia, but in many other states.

To conclude this summary, we salute four Virginia counts of great longevity that have reached or surpassed the 80-year-old mark: Charlottesville (80); Roanoke (80); Blacksburg (81) and Lexington (90).

As in years past, data from the counts are tabulated in two Tables on the following pages. In both Tables, the counts ("Count Circles") are numbered in order from 1 to 52,

beginning with the Eastern Shore counts and proceeding in a roughly east-to-west and north-to-south configuration. Eastern Shore Count Circles are numbered 1-5, Coastal Plain Count Circles 6-17, Piedmont Count Circles 18-31, and Mountains and Valleys Count Circles 32-52. Table 1 lists the number of individuals of each species seen, and Table 2 contains field conditions (primarily collection and meteorological data), data collection methods, count compilers, and sponsoring organizations.

a = adult

Bldv = Boulevard

CAL = Calm

CBC = Christmas Bird Count(s)

CLD = Cloudy

CLR = Clear

Cmdr = Commander

Co = County

CTC = Clear to Cloudy

CW = Count week

Dec = December

E = East

FOG = Foggy

HLN - Heavy to light to no rain

HLR = Heavy to light rain

HVR = Heavy rain

I or i = immature

Jan = January

Jct = Junction

LGR = Light rain

LNR = Light to no rain

LNS = Light to no snow

LSN = Light snow

LSR = Light snow and rain

MCD = Mostly cloudy

MCR = Mostly clear

mi = Mile(s)

MPF = Moving water partly frozen

mph = Miles per hour

Mt = Mount or Mountain

MWO = Moving water open

N = North

NP = National Park

NR or nr = Not recorded

NRV = New River Valley

NW = Northwest

NWR = National Wildlife Refuge

OVC = Overcast

PCD = Partly cloudy

PCR = Partly clear

Rd = Road

Rt(s) = Route(s)

S = South

SE = Southeast

SFZ = Still water frozen

Sp or sp = species

SPF = Still water partly frozen

SPO = Still water partly open

SW = Southwest

SWO = Still water open

TN = Tennessee

U or UNK = Unknown

V or VAR = Variable

VA = Virginia

W = West

WMA = Wildlife Management Area

WNW = West northwest

WNR = Water conditions not recorded

WOP = Water open

WPO = Water partly open

WSW = West southwest

Table 1. Species Counts (page 1 of 19)

| Species Count Circle | Snow Goose | Ross's Goose | Brant | Cackling Goose | Canada Goose | Mute Swan | Tundra Swan | Wood Duck | Gadwall | Eurasian Wigeon | American Wigeon | American Black Duck | Mallard |
|----------------------------|---------------|-----------------|-------|-------------------|-----------------|--------------|----------------|--------------|---------|--------------------|--------------------|---------------------------|---------|
| 1. Chincoteague | 23,642 | ... | 165 | ... | 1,252 | ... | 204 | ... | 1,266 | ... | 122 | 390 | 579 |
| 2. Wachapreague | 900 | ... | 140 | ... | 1,142 | ... | ... | 2 | 21 | ... | 3 | 291 | 97 |
| 3. Nassawaddox | ... | ... | 5,008 | ... | 384 | ... | 7 | 5 | 24 | ... | ... | 83 | 70 |
| 4. Cape Charles | 2,000 | 3 | 885 | ... | 2,000 | ... | 7 | 8 | 234 | ... | 350 | 287 | 171 |
| 5. Chesapeake Bay | 2 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 6. Little Creek | 66 | ... | 31 | ... | 1,030 | ... | 80 | 39 | 38 | ... | 183 | 22 | 1,300 |
| 7. Back Bay | 1,102 | 1 | ... | ... | 890 | ... | 900 | ... | 230 | ... | 198 | 156 | 532 |
| 8. Nansemond River | ... | ... | ... | ... | 2,731 | ... | 82 | 1 | 929 | 1 | 115 | 111 | 220 |
| 9. Dismal Swamp | ... | ... | ... | ... | 1 | ... | ... | 28 | 15 | ... | ... | ... | ... |
| 10. Newport News | 41 | ... | ... | ... | 879 | ... | 1 | 4 | 71 | ... | 110 | 66 | 644 |
| 11. Mathews County | 18 | ... | ... | ... | 2,337 | 4 | 251 | 2 | ... | ... | ... | 16 | 71 |
| 12. Williamsburg | ... | 1 | ... | ... | 2,324 | 6 | 17 | 21 | 139 | ... | 18 | 4 | 264 |
| 13. Hopewell | 2,100 | 5 | ... | 5 | 11,737 | 1 | ... | 63 | 585 | ... | 266 | 171 | 807 |
| 14. Walkerton | ... | ... | ... | 3 | 9,458 | ... | 48 | 157 | 176 | ... | 3 | 185 | 389 |
| 15. Washingtons Birthplace | 1 | ... | ... | ... | 9,899 | 2 | 116 | 6 | 133 | ... | 4 | 509 | 1,146 |
| 16. Brooke | ... | ... | ... | ... | 981 | 10 | 566 | 2 | 1,482 | ... | ... | 10 | 661 |
| 17. Fort Belvoir | ... | ... | ... | ... | 7,465 | ... | 839 | 53 | 1,330 | ... | 79 | 1,282 | 3,279 |
| 18. Central Loudoun County | ... | ... | ... | ... | 8,272 | 3 | 7 | 4 | 22 | 1 | 9 | 21 | 260 |
| 19. The Plains | ... | ... | ... | ... | 4,000 | 5 | ... | 4 | 82 | ... | 75 | 32 | 441 |
| 20. Manassas-Bull Run | ... | ... | ... | ... | 2,522 | ... | ... | 4 | 29 | ... | ... | 33 | 347 |
| 21. Nokesville | 2 | ... | ... | ... | 1,103 | ... | ... | 4 | ... | ... | 4 | 16 | 292 |
| 22. Chancellorsville | ... | ... | ... | ... | 631 | 15 | ... | ... | ... | ... | ... | ... | 37 |
| 23. Lake Anna | ... | ... | ... | ... | 168 | ... | ... | 9 | 2 | ... | ... | ... | 64 |
| 24. Gordonsville | ... | ... | ... | ... | 942 | ... | 5 | ... | 5 | ... | ... | ... | 66 |
| 25. Charlottesville | ... | ... | ... | ... | 432 | ... | ... | 5 | ... | ... | ... | 14 | 172 |
| 26. Warren | ... | ... | ... | ... | 246 | ... | ... | ... | 6 | ... | ... | 2 | 8 |
| 27. Darlington Heights | ... | ... | ... | ... | 230 | ... | ... | ... | ... | ... | ... | ... | 19 |
| 28. Banister River | ... | ... | ... | ... | 258 | ... | ... | 51 | ... | ... | ... | ... | 2 |
| 29. Lynchburg | 1 | ... | ... | ... | 511 | ... | ... | 10 | 16 | ... | ... | 6 | 262 |
| 30. Chatham | ... | ... | ... | ... | 50 | ... | ... | ... | ... | ... | ... | ... | 6 |
| 31. Danville | ... | ... | ... | ... | 448 | ... | ... | ... | ... | ... | ... | ... | 33 |
| 32. Calmes Neck | ... | ... | ... | ... | 2,076 | ... | ... | ... | 8 | ... | 2 | 10 | 125 |
| 33. N. Shenandoah Valley | ... | ... | ... | ... | 1,642 | ... | 1 | ... | 15 | ... | 3 | 20 | 275 |
| 34. Shenandoah NP-Luray | ... | ... | ... | ... | 284 | ... | ... | 4 | ... | ... | ... | 14 | 321 |
| 35. Big Flat Mountain | ... | ... | ... | ... | 16 | ... | ... | ... | ... | ... | ... | ... | ... |
| 36. Rockingham County | ... | ... | ... | ... | 209 | 5 | ... | ... | 6 | ... | ... | 1 | 333 |
| 37. Augusta County | 1 | ... | ... | ... | 197 | ... | 1 | ... | 37 | ... | 2 | 1 | 178 |
| 38. Waynesboro | ... | 1 | ... | ... | 307 | ... | ... | CW | 11 | ... | ... | ... | 116 |
| 39. Lexington | ... | ... | ... | ... | 213 | ... | ... | ... | 43 | ... | ... | 2 | 37 |
| 40. Peaks of Otter | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 41. Fincastle | ... | ... | ... | ... | 211 | ... | ... | ... | 15 | ... | ... | 7 | 83 |
| 42. Roanoke | ... | ... | ... | ... | 195 | ... | ... | ... | 66 | ... | ... | 2 | 99 |
| 43. Blacksburg | ... | ... | ... | ... | 477 | ... | ... | ... | 13 | ... | 2 | 29 | 347 |
| 44. Giles County | ... | ... | ... | ... | 48 | ... | ... | ... | 3 | ... | ... | ... | 32 |
| 45. Tazewell | ... | ... | ... | ... | 182 | ... | ... | ... | ... | ... | ... | 6 | 58 |
| 46. Mount Rogers-Whitetop | ... | ... | ... | ... | 50 | ... | ... | 2 | ... | ... | ... | ... | 7 |
| 47. Glade Spring | ... | ... | ... | ... | 501 | ... | ... | ... | 37 | ... | ... | 2 | 243 |
| 48. Blackford | ... | ... | ... | ... | 194 | ... | ... | CW | ... | ... | ... | 15 | 51 |
| 49. Bristol | ... | ... | ... | ... | 612 | ... | ... | ... | 31 | ... | 3 | ... | 256 |
| 50. Buchanan County | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 2 |
| 51. Breaks Interstate Park | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | 32 |
| 52. Wise County | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 5 |
| Totals: | 29,876 | 11 | 6,229 | 8 | 81,738 | 51 | 3,132 | 488 | 7,120 | 2 | 1,551 | 3,816 | 14,839 |

Table 1. Species Counts (page 2 of 19)

| Count Circle \ Species | American Black Duck x Mallard hybrid | Blue-winged Teal | North-ern Shoveler | North-ern Pintail | Americ an Green-winged Teal | Canvas-back | Red-head | Ring-necked Duck | Greater Scaup | Lesser Scaup | scaup sp. | Common Eider | Harle-quin Duck |
|----------------------------|--------------------------------------|------------------|--------------------|-------------------|-----------------------------|-------------|----------|------------------|---------------|--------------|-----------|--------------|-----------------|
| 1. Chincoteague | ... | ... | 511 | 1,405 | 2,643 | ... | ... | 30 | ... | ... | ... | ... | ... |
| 2. Wachapreague | ... | ... | ... | 1 | 28 | ... | ... | 1 | ... | ... | ... | ... | ... |
| 3. Nassawaddox | 2 | ... | 30 | ... | ... | ... | ... | 13 | ... | ... | ... | ... | ... |
| 4. Cape Charles | ... | ... | 5 | 15 | 26 | ... | 1 | 83 | ... | 25 | ... | ... | ... |
| 5. Chesapeake Bay | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 2 |
| 6. Little Creek | ... | 6 | 34 | 8 | 9 | ... | ... | 96 | ... | 3 | ... | ... | ... |
| 7. Back Bay | ... | 17 | 16 | 39 | 15 | ... | 6 | 8 | ... | 8 | ... | ... | ... |
| 8. Nansemond River | ... | ... | 2,316 | 25 | 1,039 | 531 | ... | 30 | ... | 1 | 6 | ... | ... |
| 9. Dismal Swamp | ... | ... | ... | ... | 12 | ... | ... | 33 | ... | ... | ... | ... | ... |
| 10. Newport News | ... | ... | ... | 1 | 3 | ... | ... | 114 | ... | 1 | ... | 1 | ... |
| 11. Mathews County | ... | ... | ... | ... | ... | 8 | ... | ... | ... | 25 | ... | ... | ... |
| 12. Williamsburg | 1 | ... | ... | 1 | 1 | 16 | 1 | 547 | ... | ... | 6 | ... | ... |
| 13. Hopewell | ... | ... | 341 | ... | 376 | 12 | 20 | 3,327 | ... | 5 | ... | ... | ... |
| 14. Walkerton | ... | ... | ... | 141 | 35 | ... | ... | 80 | ... | 3 | ... | ... | ... |
| 15. Washingtons Birthplace | ... | ... | 12 | 22 | 165 | ... | ... | 34 | ... | 337 | 8 | ... | ... |
| 16. Brooke | ... | ... | ... | ... | 2 | ... | ... | 58 | ... | 37 | ... | ... | ... |
| 17. Fort Belvoir | ... | ... | 89 | 146 | 98 | 213 | 22 | 316 | 3 | 11,255 | 1,100 | ... | ... |
| 18. Central Loudoun County | ... | ... | 1 | ... | ... | ... | ... | 248 | ... | 1 | ... | ... | ... |
| 19. The Plains | ... | ... | ... | 2 | 24 | ... | ... | 627 | ... | 1 | ... | ... | ... |
| 20. Manassas-Bull Run | ... | ... | ... | ... | 13 | ... | ... | 43 | ... | ... | ... | ... | ... |
| 21. Nokesville | ... | ... | ... | ... | ... | 1 | ... | 30 | ... | 3 | ... | ... | ... |
| 22. Chancellorsville | ... | ... | ... | ... | ... | ... | ... | 7 | ... | 1 | ... | ... | ... |
| 23. Lake Anna | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 24. Gordonsville | ... | ... | ... | ... | ... | ... | ... | 139 | ... | ... | ... | ... | ... |
| 25. Charlottesville | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... |
| 26. Warren | ... | ... | ... | ... | ... | ... | ... | 11 | ... | 11 | ... | ... | ... |
| 27. Darlington Heights | ... | ... | ... | ... | ... | ... | ... | 6 | ... | ... | ... | ... | ... |
| 28. Banister River | ... | ... | ... | ... | 8 | ... | ... | 3 | ... | ... | ... | ... | ... |
| 29. Lynchburg | ... | ... | ... | ... | 7 | ... | ... | 19 | ... | ... | ... | ... | ... |
| 30. Chatham | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 31. Danville | ... | ... | ... | ... | ... | ... | ... | 15 | ... | ... | ... | ... | ... |
| 32. Calmes Neck | ... | ... | ... | ... | 3 | ... | 2 | 65 | ... | ... | ... | ... | ... |
| 33. N. Shenandoah Valley | 1 | ... | ... | 2 | 46 | ... | 3 | 151 | ... | 4 | ... | ... | ... |
| 34. Shenandoah NP-Luray | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 35. Big Flat Mountain | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 36. Rockingham County | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... |
| 37. Augusta County | ... | ... | 5 | 11 | 5 | ... | ... | 8 | ... | 1 | ... | ... | ... |
| 38. Waynesboro | ... | ... | CW | ... | 10 | CW | 1 | 9 | ... | ... | ... | ... | ... |
| 39. Lexington | ... | ... | ... | ... | 10 | ... | ... | 11 | ... | ... | ... | ... | ... |
| 40. Peaks of Otter | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 41. Fincastle | ... | ... | ... | ... | 6 | ... | ... | 16 | ... | ... | ... | ... | ... |
| 42. Roanoke | ... | ... | ... | ... | 2 | ... | ... | 6 | ... | ... | ... | ... | ... |
| 43. Blacksburg | ... | ... | 3 | ... | 2 | ... | 7 | 3 | ... | ... | ... | ... | ... |
| 44. Giles County | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 45. Tazewell | ... | ... | ... | ... | 10 | ... | ... | ... | ... | ... | ... | ... | ... |
| 46. Mount Rogers-Whitetop | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 47. Glade Spring | ... | ... | ... | ... | ... | ... | 1 | ... | ... | 3 | ... | ... | ... |
| 48. Blackford | ... | ... | ... | ... | ... | ... | 1 | 1 | ... | ... | ... | ... | ... |
| 49. Bristol | ... | ... | ... | ... | ... | ... | ... | 58 | ... | ... | ... | ... | ... |
| 50. Buchanan County | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 51. Breaks Interstate Park | ... | 2 | ... | ... | 4 | ... | ... | ... | ... | ... | ... | ... | ... |
| 52. Wise County | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... |
| Totals: | 4 | 25 | 3,363 | 1,819 | 4,604 | 782 | 65 | 6,246 | 3 | 11,725 | 1,120 | 1 | 2 |

Table 1. Species Counts (page 3 of 19)

| Count Circle \ Species | Surf Scoter | White-winged Scoter | Black Scoter | surf/black scoter sp. | scoter sp. | Long-tailed Duck | Buffle-head | Common Golden-eye | Hooded Merganser | Common Merganser | Red-breasted Merganser | Ruddy Duck | duck sp. |
|----------------------------|-------------|---------------------|--------------|-----------------------|------------|------------------|-------------|-------------------|------------------|------------------|------------------------|------------|----------|
| 1. Chincoteague | 103 | ... | 150 | ... | 46 | 2 | 1,102 | 2 | 105 | 17 | 100 | 3 | 15 |
| 2. Wachapreague | ... | ... | ... | ... | ... | ... | 490 | 7 | 42 | ... | 26 | 1 | 2 |
| 3. Nassawadox | 112 | ... | ... | ... | ... | 3 | 680 | ... | 111 | ... | 71 | ... | ... |
| 4. Cape Charles | 859 | ... | 50 | ... | 370 | 2 | 1,073 | 4 | 89 | ... | 196 | ... | ... |
| 5. Chesapeake Bay | 274 | 2 | 366 | 2 | 44 | 10 | 5 | ... | ... | ... | 78 | ... | ... |
| 6. Little Creek | 241 | 1 | 710 | ... | 90 | 1 | 309 | 1 | 160 | ... | 855 | 16 | ... |
| 7. Back Bay | 37 | 1 | 516 | ... | 75 | ... | 23 | ... | 37 | ... | 570 | 121 | ... |
| 8. Nansemond River | 3 | ... | ... | ... | ... | 1 | 733 | 1 | 180 | ... | 131 | 3,926 | ... |
| 9. Dismal Swamp | ... | ... | ... | ... | ... | ... | ... | ... | 11 | ... | ... | 6 | ... |
| 10. Newport News | 35 | ... | 8 | ... | ... | 5 | 593 | ... | 187 | ... | 33 | 29 | ... |
| 11. Mathews County | 285 | 30 | 1,003 | ... | ... | 1 | 3,528 | 32 | 75 | 50 | 191 | 3,133 | 1 |
| 12. Williamsburg | ... | ... | ... | ... | ... | ... | 337 | 6 | 288 | ... | 101 | 2,546 | ... |
| 13. Hopewell | ... | ... | ... | ... | ... | ... | 250 | ... | 94 | 3 | ... | 43 | ... |
| 14. Walkerton | ... | ... | ... | ... | ... | ... | 39 | ... | 34 | ... | 2 | ... | ... |
| 15. Washingtons Birthplace | 16 | ... | ... | ... | ... | 4 | 248 | 20 | 34 | ... | 45 | 1,555 | ... |
| 16. Brooke | ... | ... | ... | ... | ... | ... | 131 | ... | 2 | ... | ... | 9 | ... |
| 17. Fort Belvoir | ... | ... | ... | ... | ... | 5 | 586 | 1 | 231 | 19 | 64 | 345 | ... |
| 18. Central Loudoun County | ... | ... | ... | ... | ... | ... | 98 | ... | 93 | 6 | ... | 3 | 8 |
| 19. The Plains | ... | ... | ... | ... | ... | ... | 152 | ... | 122 | 5 | ... | 7 | ... |
| 20. Manassas-Bull Run | ... | ... | ... | ... | ... | ... | 2 | ... | 100 | ... | ... | ... | ... |
| 21. Nokesville | ... | ... | ... | ... | ... | ... | 5 | ... | 23 | ... | ... | 49 | ... |
| 22. Chancellorsville | ... | ... | ... | ... | ... | ... | 60 | ... | 17 | 8 | ... | 38 | ... |
| 23. Lake Anna | ... | ... | ... | ... | ... | ... | 47 | ... | 16 | ... | ... | 2 | ... |
| 24. Gordonsville | ... | ... | ... | ... | ... | ... | 23 | 6 | 70 | ... | ... | 5 | ... |
| 25. Charlottesville | ... | ... | ... | ... | ... | ... | 1 | ... | 7 | ... | ... | ... | ... |
| 26. Warren | ... | ... | ... | ... | ... | ... | 2 | ... | 24 | ... | ... | ... | ... |
| 27. Darlington Heights | ... | ... | ... | ... | ... | ... | ... | ... | 18 | ... | ... | ... | ... |
| 28. Banister River | ... | ... | ... | ... | ... | ... | 18 | ... | 25 | ... | ... | ... | 40 |
| 29. Lynchburg | ... | ... | ... | ... | ... | ... | 8 | ... | 45 | ... | 2 | ... | ... |
| 30. Chatham | ... | ... | ... | ... | ... | ... | ... | ... | 2 | ... | ... | ... | ... |
| 31. Danville | ... | ... | ... | ... | ... | ... | 1 | ... | 12 | ... | ... | ... | ... |
| 32. Calmes Neck | ... | ... | ... | ... | ... | ... | ... | ... | 18 | 15 | ... | 2 | ... |
| 33. N. Shenandoah Valley | ... | ... | ... | ... | ... | ... | 16 | ... | 12 | ... | ... | 1 | ... |
| 34. Shenandoah NP-Luray | ... | ... | ... | ... | ... | ... | ... | ... | 11 | 23 | ... | 2 | ... |
| 35. Big Flat Mountain | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 36. Rockingham County | ... | ... | ... | ... | ... | ... | 1 | ... | 6 | ... | ... | ... | ... |
| 37. Augusta County | ... | ... | ... | ... | ... | ... | 6 | ... | 30 | ... | ... | CW | ... |
| 38. Waynesboro | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... |
| 39. Lexington | ... | ... | ... | ... | ... | ... | 4 | ... | 115 | 19 | ... | 1 | ... |
| 40. Peaks of Otter | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 41. Fincastle | ... | ... | ... | ... | ... | ... | 3 | ... | 18 | ... | ... | 2 | ... |
| 42. Roanoke | ... | ... | ... | ... | ... | ... | ... | ... | 20 | ... | ... | ... | ... |
| 43. Blacksburg | ... | ... | ... | ... | ... | ... | 36 | ... | 5 | ... | 1 | 2 | ... |
| 44. Giles County | ... | ... | ... | ... | ... | ... | ... | ... | 14 | ... | ... | ... | ... |
| 45. Tazewell | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... |
| 46. Mount Rogers-Whitetop | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 47. Glade Spring | ... | ... | ... | ... | ... | ... | 4 | ... | 6 | ... | ... | ... | ... |
| 48. Blackford | ... | ... | ... | ... | ... | ... | ... | ... | 3 | ... | ... | ... | ... |
| 49. Bristol | ... | ... | ... | ... | ... | ... | 118 | ... | 41 | ... | ... | ... | ... |
| 50. Buchanan County | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 51. Breaks Interstate Park | ... | ... | ... | ... | ... | ... | 17 | ... | 22 | ... | ... | ... | ... |
| 52. Wise County | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Totals: | 1,965 | 34 | 2,803 | 2 | 625 | 34 | 10,749 | 80 | 2,576 | 165 | 2,466 | 11,848 | 66 |

Table 1. Species Counts (page 4 of 19)

| Count Circle \ Species | Northern Bobwhite | Ruffed Grouse | Wild Turkey | Red-throated Loon | Common Loon | Pied-billed Grebe | Horned Grebe | Red-necked Grebe | Eared Grebe | North-ern Gannet | Double-crested Cormorant | Great Cormorant | Brown Pelican |
|----------------------------|-------------------|---------------|-------------|-------------------|-------------|-------------------|--------------|------------------|-------------|------------------|--------------------------|-----------------|---------------|
| 1. Chincoteague | ... | ... | 17 | 82 | 122 | 5 | 84 | 1 | CW | 7 | 31 | ... | ... |
| 2. Wachapreague | 2 | ... | 13 | ... | 8 | ... | 5 | ... | ... | ... | 3 | ... | ... |
| 3. Nassawaddox | 1 | ... | 5 | 2 | 59 | 4 | 41 | ... | ... | 4 | 1 | ... | ... |
| 4. Cape Charles | ... | ... | 8 | 1,280 | 149 | 15 | 268 | ... | 1 | 96 | 305 | 12 | 127 |
| 5. Chesapeake Bay | ... | ... | ... | 534 | 37 | ... | 1 | ... | ... | 487 | 9 | 22 | 14 |
| 6. Little Creek | ... | ... | ... | 1,690 | 48 | 19 | 1 | ... | ... | 158 | 3,250 | 4 | 183 |
| 7. Back Bay | ... | ... | ... | 20,000 | 64 | 48 | 1 | ... | ... | 265 | 561 | ... | 86 |
| 8. Nansemond River | ... | ... | 49 | 38 | 26 | 18 | 279 | ... | ... | ... | 11,058 | ... | 126 |
| 9. Dismal Swamp | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... |
| 10. Newport News | ... | ... | ... | 21 | 31 | 24 | 18 | ... | ... | 34 | 880 | ... | 176 |
| 11. Mathews County | ... | ... | 42 | 40 | 49 | ... | 98 | ... | ... | 49 | 28 | ... | 58 |
| 12. Williamsburg | ... | ... | 1 | 1 | 11 | 32 | 11 | ... | ... | ... | 1,172 | ... | 2 |
| 13. Hopewell | ... | ... | 4 | ... | ... | 3 | 1 | ... | ... | ... | 833 | ... | ... |
| 14. Walkerton | 6 | ... | 12 | ... | ... | 6 | 1 | ... | ... | ... | 65 | ... | ... |
| 15. Washingtons Birthplace | 15 | ... | 28 | 91 | 13 | 3 | 4 | ... | ... | 4 | 15 | ... | ... |
| 16. Brooke | ... | ... | 45 | ... | 1 | 60 | 4 | ... | ... | ... | 332 | ... | ... |
| 17. Fort Belvoir | ... | ... | 26 | ... | 2 | 175 | 3 | ... | ... | ... | 236 | ... | ... |
| 18. Central Loudoun County | ... | ... | 62 | ... | ... | 5 | 6 | ... | ... | ... | ... | ... | ... |
| 19. The Plains | ... | ... | 61 | ... | ... | 7 | ... | ... | ... | ... | ... | ... | ... |
| 20. Manassas-Bull Run | ... | ... | 26 | ... | ... | 4 | ... | ... | ... | ... | 1 | ... | ... |
| 21. Nokesville | 2 | ... | 7 | ... | ... | 17 | ... | ... | ... | ... | 8 | ... | ... |
| 22. Chancellorsville | ... | ... | ... | ... | ... | 14 | ... | ... | ... | ... | ... | ... | ... |
| 23. Lake Anna | ... | ... | 2 | ... | 29 | 38 | 4 | ... | ... | ... | 5 | ... | ... |
| 24. Gordonsville | ... | ... | 8 | ... | ... | 3 | ... | ... | ... | ... | ... | ... | ... |
| 25. Charlottesville | ... | ... | 1 | ... | 1 | 6 | ... | ... | ... | ... | ... | ... | ... |
| 26. Warren | ... | ... | 1 | ... | ... | 14 | 1 | ... | ... | ... | ... | ... | ... |
| 27. Darlington Heights | ... | ... | 7 | ... | ... | 16 | 1 | ... | ... | ... | ... | ... | ... |
| 28. Banister River | ... | ... | 34 | ... | 1 | 11 | 1 | ... | ... | ... | 202 | ... | ... |
| 29. Lynchburg | ... | ... | 23 | ... | ... | 20 | ... | ... | ... | ... | ... | ... | ... |
| 30. Chatham | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... |
| 31. Danville | ... | ... | 2 | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... |
| 32. Calmes Neck | ... | 2 | 9 | ... | ... | 2 | ... | ... | ... | ... | ... | ... | ... |
| 33. N. Shenandoah Valley | ... | ... | 77 | ... | 1 | 1 | ... | ... | ... | ... | 2 | ... | ... |
| 34. Shenandoah NP-Luray | ... | 1 | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... |
| 35. Big Flat Mountain | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 36. Rockingham County | ... | 1 | ... | ... | ... | 3 | ... | ... | ... | ... | ... | ... | ... |
| 37. Augusta County | ... | ... | CW | ... | ... | CW | ... | ... | ... | ... | ... | ... | ... |
| 38. Waynesboro | ... | 4 | 6 | ... | ... | 5 | ... | ... | ... | ... | ... | ... | ... |
| 39. Lexington | ... | ... | 31 | ... | ... | 7 | ... | ... | ... | ... | 1 | ... | ... |
| 40. Peaks of Otter | ... | ... | 10 | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... |
| 41. Fincastle | ... | ... | 12 | ... | ... | 12 | ... | ... | ... | ... | ... | ... | ... |
| 42. Roanoke | ... | ... | ... | ... | ... | 3 | ... | ... | ... | ... | ... | ... | ... |
| 43. Blacksburg | ... | ... | 74 | ... | ... | 4 | ... | ... | ... | ... | 5 | ... | ... |
| 44. Giles County | ... | ... | 6 | ... | ... | 2 | CW | ... | ... | ... | ... | ... | ... |
| 45. Tazewell | ... | ... | 7 | ... | ... | 5 | ... | ... | ... | ... | ... | ... | ... |
| 46. Mount Rogers-Whitetop | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 47. Glade Spring | ... | ... | 60 | ... | ... | 9 | ... | ... | ... | ... | ... | ... | ... |
| 48. Blackford | ... | ... | ... | ... | ... | 8 | 2 | ... | ... | ... | ... | ... | ... |
| 49. Bristol | ... | ... | 58 | ... | 4 | 43 | 4 | ... | 1 | ... | 1 | ... | ... |
| 50. Buchanan County | ... | ... | 15 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 51. Breaks Interstate Park | ... | ... | 6 | ... | ... | 2 | ... | ... | ... | ... | ... | ... | ... |
| 52. Wise County | ... | 2 | 12 | ... | 1 | 2 | ... | ... | ... | ... | ... | ... | ... |
| Totals: | 26 | 11 | 867 | 23,779 | 657 | 680 | 839 | 1 | 2 | 1,104 | 19,004 | 38 | 772 |

Table 1. Species Counts (page 5 of 19)

| Count Circle \ Species | American Bittern | Great Blue Heron (Blue form) | Great Egret | Snowy Egret | Little Blue Heron | Tricolored Heron | Cattle Egret | Green Heron | Black-crowned Night-Heron | Yellow-crowned Night-Heron | White Ibis | Black Vulture | Turkey Vulture |
|----------------------------|------------------|------------------------------|-------------|-------------|-------------------|------------------|--------------|-------------|---------------------------|----------------------------|------------|---------------|----------------|
| 1. Chincoteague | ... | 87 | 46 | ... | 3 | ... | ... | ... | 1 | ... | ... | 20 | 373 |
| 2. Wachapreague | ... | 25 | 1 | ... | ... | ... | ... | 1 | ... | ... | ... | 41 | 440 |
| 3. Nassawaddox | ... | 39 | 1 | ... | ... | ... | ... | ... | ... | ... | ... | 123 | 210 |
| 4. Cape Charles | 1 | 76 | 13 | ... | ... | 9 | ... | ... | 17 | ... | 1 | 98 | 141 |
| 5. Chesapeake Bay | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 6. Little Creek | 1 | 49 | 54 | 5 | 2 | ... | ... | ... | 1 | ... | 1 | 60 | 13 |
| 7. Back Bay | ... | 41 | 30 | 11 | 1 | 4 | 4 | ... | ... | ... | 730 | 62 | 98 |
| 8. Nansemond River | ... | 46 | 10 | ... | ... | ... | ... | ... | ... | ... | ... | 94 | 352 |
| 9. Dismal Swamp | ... | 6 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 6 | 82 |
| 10. Newport News | ... | 88 | 9 | ... | ... | ... | ... | ... | ... | 1 | ... | 21 | 81 |
| 11. Mathews County | ... | 53 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 44 | 281 |
| 12. Williamsburg | ... | 72 | 13 | ... | ... | ... | ... | ... | ... | ... | ... | 148 | 304 |
| 13. Hopewell | ... | 57 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 78 | 150 |
| 14. Walkerton | ... | 41 | ... | ... | ... | ... | 1 | ... | ... | ... | ... | 214 | 362 |
| 15. Washingtons Birthplace | ... | 35 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 176 | 236 |
| 16. Brooke | ... | 40 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 522 | 223 |
| 17. Fort Belvoir | ... | 259 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 353 | 160 |
| 18. Central Loudoun County | ... | 29 | ... | ... | ... | ... | ... | ... | 1 | ... | ... | 640 | 538 |
| 19. The Plains | ... | 17 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 142 | 218 |
| 20. Manassas-Bull Run | ... | 22 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 236 | 234 |
| 21. Nokesville | ... | 9 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 128 | 154 |
| 22. Chancellorsville | ... | 4 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 55 | 97 |
| 23. Lake Anna | ... | 23 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 187 | 230 |
| 24. Gordonsville | ... | 6 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 20 | 128 |
| 25. Charlottesville | ... | 12 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 492 | 238 |
| 26. Warren | ... | 6 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 55 | 186 |
| 27. Darlington Heights | ... | 5 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 104 | 127 |
| 28. Banister River | ... | 11 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 26 | 150 |
| 29. Lynchburg | ... | 11 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 169 | 303 |
| 30. Chatham | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 4 | 7 |
| 31. Danville | ... | 4 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 88 | 57 |
| 32. Calmes Neck | ... | 11 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 313 | 354 |
| 33. N. Shenandoah Valley | ... | 23 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 236 | 231 |
| 34. Shenandoah NP-Luray | ... | 18 | ... | ... | ... | ... | ... | ... | 4 | ... | ... | 27 | 62 |
| 35. Big Flat Mountain | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 15 |
| 36. Rockingham County | ... | 5 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 39 | 209 |
| 37. Augusta County | ... | 5 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 105 | 208 |
| 38. Waynesboro | ... | 8 | ... | ... | ... | ... | ... | ... | CW | ... | ... | 59 | 203 |
| 39. Lexington | ... | 13 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 95 | 286 |
| 40. Peaks of Otter | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 3 |
| 41. Fincastle | ... | 3 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 25 | 74 |
| 42. Roanoke | ... | 13 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 29 | 44 |
| 43. Blacksburg | ... | 18 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 228 | 88 |
| 44. Giles County | ... | 8 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 178 | 90 |
| 45. Tazewell | ... | 3 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 6 | 11 |
| 46. Mount Rogers-Whitetop | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 15 |
| 47. Glade Spring | ... | 14 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 69 | 77 |
| 48. Blackford | ... | 6 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 62 | 9 |
| 49. Bristol | ... | 18 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 266 | 109 |
| 50. Buchanan County | ... | 6 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 3 |
| 51. Breaks Interstate Park | ... | 4 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 3 | 5 |
| 52. Wise County | ... | 4 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 |
| Totals: | 2 | 1,353 | 177 | 16 | 6 | 13 | 5 | 1 | 24 | 1 | 732 | 6,147 | 8,270 |

Table 1. Species Counts (page 6 of 19)

| Count Circle \ Species | Species | | | | | | | | | | | | |
|----------------------------|---------|------------|-------------------|--------------------|---------------|------------------|---------------|---------------------|-------------------|-----------------|-------------------|-----------|----------|
| | Osprey | Bald Eagle | North-ern Harrier | Sharp-shinned Hawk | Cooper's Hawk | Northern Goshawk | Accipiter sp. | Red-shouldered Hawk | Broad-winged Hawk | Red-tailed Hawk | Rough-legged Hawk | Buteo sp. | hawk sp. |
| 1. Chincoteague | ... | 50 | 13 | 3 | 2 | ... | ... | 1 | ... | 15 | ... | ... | ... |
| 2. Wachapreague | ... | 66 | 12 | 3 | 4 | ... | ... | 2 | ... | 22 | ... | 1 | 2 |
| 3. Nassawaddox | ... | 39 | 12 | 2 | 3 | ... | 3 | 2 | 1 | 21 | ... | ... | ... |
| 4. Cape Charles | 1 | 51 | 26 | 4 | 10 | ... | ... | 5 | ... | 19 | ... | ... | ... |
| 5. Chesapeake Bay | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 6. Little Creek | 4 | 18 | 2 | 1 | 3 | ... | ... | ... | ... | 3 | ... | ... | ... |
| 7. Back Bay | ... | 25 | 43 | 4 | 6 | ... | ... | 3 | ... | 26 | ... | ... | ... |
| 8. Nansemond River | 3 | 50 | 13 | 8 | 4 | ... | ... | 12 | ... | 37 | ... | ... | ... |
| 9. Dismal Swamp | ... | 3 | 1 | ... | ... | ... | ... | 3 | ... | 2 | ... | ... | ... |
| 10. Newport News | 4 | 52 | 8 | 1 | 11 | ... | ... | 1 | ... | 16 | ... | ... | ... |
| 11. Mathews County | ... | 49 | 6 | 5 | 7 | ... | ... | 6 | ... | 14 | ... | ... | ... |
| 12. Williamsburg | 1 | 95 | 2 | 4 | 6 | ... | 1 | 28 | ... | 30 | ... | ... | ... |
| 13. Hopewell | 1 | 87 | 5 | 1 | 2 | ... | ... | 9 | ... | 19 | ... | ... | ... |
| 14. Walkerton | ... | 51 | 6 | 5 | 3 | ... | ... | 19 | ... | 31 | ... | ... | ... |
| 15. Washingtons Birthplace | ... | 127 | 9 | 5 | 1 | ... | ... | 9 | ... | 15 | ... | ... | ... |
| 16. Brooke | ... | 158 | 4 | 5 | 7 | ... | ... | 20 | ... | 15 | ... | ... | ... |
| 17. Fort Belvoir | ... | 159 | 3 | 14 | 12 | ... | ... | 71 | ... | 51 | ... | 1 | ... |
| 18. Central Loudoun County | ... | 34 | 5 | 4 | 24 | ... | 2 | 106 | ... | 63 | ... | ... | ... |
| 19. The Plains | ... | 18 | 15 | 5 | 5 | ... | ... | 65 | ... | 60 | ... | ... | ... |
| 20. Manassas-Bull Run | ... | 38 | 11 | 15 | 11 | ... | 4 | 74 | ... | 51 | ... | ... | ... |
| 21. Nokesville | ... | 38 | 12 | 6 | 6 | ... | 1 | 27 | ... | 19 | ... | ... | ... |
| 22. Chancellorsville | ... | 8 | 1 | 3 | 2 | ... | ... | 16 | ... | 10 | ... | ... | ... |
| 23. Lake Anna | ... | 12 | ... | 3 | 3 | ... | ... | 3 | ... | 18 | ... | ... | ... |
| 24. Gordonsville | ... | 7 | 4 | 4 | 8 | ... | ... | 13 | ... | 16 | ... | ... | ... |
| 25. Charlottesville | ... | 6 | 1 | 6 | 5 | ... | ... | 21 | ... | 29 | ... | ... | ... |
| 26. Warren | ... | ... | 2 | 5 | 4 | ... | ... | 5 | ... | 42 | ... | ... | ... |
| 27. Darlington Heights | ... | 1 | 7 | 1 | 4 | ... | ... | 5 | ... | 17 | ... | ... | ... |
| 28. Banister River | ... | 2 | 2 | 4 | 3 | ... | ... | 9 | ... | 13 | ... | ... | ... |
| 29. Lynchburg | ... | 3 | 1 | 3 | ... | ... | ... | 4 | ... | 19 | ... | ... | ... |
| 30. Chatham | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... |
| 31. Danville | ... | ... | ... | ... | 1 | ... | ... | 2 | ... | 2 | ... | ... | 1 |
| 32. Calmes Neck | 1 | 24 | 8 | 5 | 7 | 1 | 2 | 47 | ... | 99 | ... | ... | ... |
| 33. N. Shenandoah Valley | ... | 19 | 16 | 9 | 8 | ... | ... | 28 | ... | 72 | 1 | ... | ... |
| 34. Shenandoah NP-Luray | ... | 20 | 2 | 3 | 3 | ... | ... | 14 | ... | 36 | 1 | ... | ... |
| 35. Big Flat Mountain | ... | 3 | ... | ... | 1 | ... | ... | ... | ... | 10 | ... | ... | ... |
| 36. Rockingham County | ... | 12 | 2 | 6 | 5 | ... | 1 | 2 | ... | 56 | ... | 4 | ... |
| 37. Augusta County | ... | 1 | 4 | 2 | 3 | ... | ... | 4 | ... | 31 | ... | ... | ... |
| 38. Waynesboro | ... | 2 | 4 | 5 | 4 | ... | ... | 6 | ... | 27 | ... | ... | ... |
| 39. Lexington | ... | 5 | ... | 1 | 1 | ... | ... | 6 | ... | 25 | ... | ... | ... |
| 40. Peaks of Otter | ... | ... | ... | ... | ... | ... | ... | ... | ... | 9 | ... | ... | ... |
| 41. Fincastle | ... | 2 | ... | 3 | 4 | ... | ... | 5 | ... | 28 | ... | ... | ... |
| 42. Roanoke | ... | ... | ... | ... | 2 | ... | ... | 1 | ... | 7 | ... | ... | ... |
| 43. Blacksburg | ... | 1 | 1 | 3 | 4 | ... | 3 | 1 | ... | 23 | ... | ... | ... |
| 44. Giles County | ... | ... | ... | 1 | 1 | ... | ... | ... | ... | 17 | ... | ... | ... |
| 45. Tazewell | ... | 4 | 1 | 1 | ... | ... | ... | 2 | ... | 15 | 1 | ... | ... |
| 46. Mount Rogers-Whitetop | ... | ... | 1 | 1 | ... | ... | ... | ... | ... | 13 | ... | ... | ... |
| 47. Glade Spring | ... | 7 | 9 | 3 | 6 | ... | ... | ... | ... | 42 | ... | ... | ... |
| 48. Blackford | ... | 6 | ... | 1 | 4 | ... | ... | 1 | ... | 39 | ... | ... | ... |
| 49. Bristol | ... | 3 | ... | 2 | 2 | ... | ... | ... | ... | 15 | ... | ... | ... |
| 50. Buchanan County | ... | ... | ... | ... | ... | ... | ... | 4 | ... | 4 | ... | ... | ... |
| 51. Breaks Interstate Park | ... | ... | 1 | CW | ... | ... | ... | 2 | ... | 2 | ... | ... | ... |
| 52. Wise County | ... | ... | ... | ... | ... | ... | ... | 5 | ... | 8 | ... | ... | ... |
| Totals: | 15 | 1,356 | 277 | 170 | 212 | 1 | 17 | 669 | 1 | 1,274 | 3 | 6 | 3 |

Table 1. Species Counts (page 7 of 19)

| Count Circle \ Species | Golden Eagle | Clapper Rail | King Rail | Virginia Rail | Sora | Common Gallinule (American) | American Coot | Sandhill Crane | American Avocet | American Oyster-catcher | Black-bellied Plover | Semi-palmated Plover | Killdeer |
|----------------------------|--------------|--------------|-----------|---------------|------|-----------------------------|---------------|----------------|-----------------|-------------------------|----------------------|----------------------|----------|
| 1. Chincoteague | ... | 2 | ... | ... | ... | ... | ... | ... | ... | 45 | 40 | 2 | 5 |
| 2. Wachapreague | 1 | ... | ... | ... | ... | ... | ... | ... | ... | 43 | ... | ... | 3 |
| 3. Nassawaddox | ... | ... | ... | 1 | ... | ... | ... | ... | ... | 1,146 | 1,218 | ... | 16 |
| 4. Cape Charles | ... | 10 | ... | 2 | ... | ... | CW | ... | ... | 117 | 445 | ... | 5 |
| 5. Chesapeake Bay | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 6. Little Creek | ... | 10 | ... | ... | ... | ... | 61 | ... | ... | 22 | ... | ... | ... |
| 7. Back Bay | ... | ... | 25 | 18 | 8 | ... | 6 | ... | ... | ... | 1 | ... | 4 |
| 8. Nansemond River | ... | 20 | ... | ... | ... | ... | 3 | ... | 11 | ... | ... | ... | 32 |
| 9. Dismal Swamp | ... | ... | ... | ... | ... | ... | 15 | ... | ... | ... | ... | ... | ... |
| 10. Newport News | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | 61 |
| 11. Mathews County | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | 17 | ... | 11 |
| 12. Williamsburg | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 105 |
| 13. Hopewell | ... | ... | 2 | 1 | ... | ... | 92 | ... | ... | ... | ... | ... | 145 |
| 14. Walkerton | ... | ... | ... | ... | ... | ... | 13 | ... | ... | ... | ... | ... | 119 |
| 15. Washingtons Birthplace | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 87 |
| 16. Brooke | ... | ... | ... | ... | ... | ... | 915 | ... | ... | ... | ... | ... | 18 |
| 17. Fort Belvoir | ... | ... | ... | ... | ... | ... | 3,412 | ... | ... | ... | ... | ... | 44 |
| 18. Central Loudoun County | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 4 |
| 19. The Plains | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 17 |
| 20. Manassas-Bull Run | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 17 |
| 21. Nokesville | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 8 |
| 22. Chancellorsville | ... | ... | ... | ... | ... | ... | 52 | ... | ... | ... | ... | ... | ... |
| 23. Lake Anna | ... | ... | ... | ... | ... | ... | 3 | ... | ... | ... | ... | ... | 2 |
| 24. Gordonsville | ... | ... | ... | ... | ... | ... | ... | 2 | ... | ... | ... | ... | ... |
| 25. Charlottesville | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 6 |
| 26. Warren | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 56 |
| 27. Darlington Heights | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 4 |
| 28. Banister River | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 31 |
| 29. Lynchburg | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 10 |
| 30. Chatham | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 31. Danville | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 |
| 32. Calmes Neck | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 31 |
| 33. N. Shenandoah Valley | ... | ... | ... | ... | ... | ... | 2 | ... | ... | ... | ... | ... | 2 |
| 34. Shenandoah NP-Luray | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 2 |
| 35. Big Flat Mountain | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 36. Rockingham County | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | 80 |
| 37. Augusta County | ... | ... | ... | ... | ... | ... | 2 | ... | ... | ... | ... | ... | 4 |
| 38. Waynesboro | ... | ... | ... | ... | ... | ... | 5 | ... | ... | ... | ... | ... | ... |
| 39. Lexington | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 15 |
| 40. Peaks of Otter | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 41. Fincastle | ... | ... | ... | ... | ... | ... | 3 | ... | ... | ... | ... | ... | ... |
| 42. Roanoke | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 25 |
| 43. Blacksburg | ... | ... | ... | ... | ... | ... | 14 | ... | ... | ... | ... | ... | 14 |
| 44. Giles County | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 45. Tazewell | 2 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 14 |
| 46. Mount Rogers-Whitetop | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 3 |
| 47. Glade Spring | ... | ... | ... | ... | ... | 1 | 32 | ... | ... | ... | ... | ... | 30 |
| 48. Blackford | 8 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 21 |
| 49. Bristol | ... | ... | ... | ... | ... | ... | 42 | ... | ... | ... | ... | ... | 26 |
| 50. Buchanan County | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 51. Breaks Interstate Park | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 25 |
| 52. Wise County | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 30 |
| Totals: | 11 | 44 | 27 | 22 | 8 | 1 | 4,673 | 2 | 11 | 1,373 | 1,722 | 2 | 1,133 |

Table 1. Species Counts (page 8 of 19)

| Count Circle \ Species | Spotted Sand-piper | Greater Yellow-legs | Willet (Eastern) | Lesser Yellow-legs | yellow-legs sp. | Whimbrel | Long-billed Curlew | Marbled Godwit | Ruddy Turnstone | Red Knot | Sanderling | Dunlin | Purple Sand-piper |
|----------------------------|--------------------|---------------------|------------------|--------------------|-----------------|----------|--------------------|----------------|-----------------|----------|------------|--------|-------------------|
| 1. Chincoteague | 1 | 155 | 3 | 12 | ... | ... | ... | ... | 1 | 7 | 225 | 74 | 6 |
| 2. Wachapreague | ... | 17 | 9 | 29 | 3 | ... | ... | ... | ... | ... | 13 | 909 | ... |
| 3. Nassawadox | ... | 62 | 170 | 3 | ... | ... | 3 | 225 | 22 | ... | 43 | 1,322 | ... |
| 4. Cape Charles | ... | 81 | 149 | 5 | ... | 3 | ... | 3 | 89 | ... | 224 | 10,379 | 6 |
| 5. Chesapeake Bay | ... | ... | ... | ... | ... | ... | ... | ... | 3 | ... | CW | ... | 1 |
| 6. Little Creek | ... | ... | ... | ... | ... | ... | ... | ... | 8 | ... | 181 | 8 | 1 |
| 7. Back Bay | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 25 | 4 | ... |
| 8. Nansemond River | ... | 6 | ... | 4 | ... | ... | ... | ... | ... | ... | 45 | 65 | ... |
| 9. Dismal Swamp | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 10. Newport News | ... | 5 | ... | ... | ... | ... | ... | ... | 4 | ... | 75 | 187 | ... |
| 11. Mathews County | ... | 10 | ... | 9 | ... | ... | ... | ... | 2 | ... | 8 | 354 | ... |
| 12. Williamsburg | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | 57 | ... |
| 13. Hopewell | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 14. Walkerton | ... | CW | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 15. Washingtons Birthplace | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 16. Brooke | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 17. Fort Belvoir | ... | 14 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 18. Central Loudoun County | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 19. The Plains | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 20. Manassas-Bull Run | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 21. Nokesville | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 22. Chancellorsville | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 23. Lake Anna | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 24. Gordonsville | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 25. Charlottesville | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 26. Warren | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 27. Darlington Heights | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 28. Banister River | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 29. Lynchburg | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 30. Chatham | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 31. Danville | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 32. Calmes Neck | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 33. N. Shenandoah Valley | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 34. Shenandoah NP-Luray | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 35. Big Flat Mountain | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 36. Rockingham County | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 37. Augusta County | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 38. Waynesboro | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 39. Lexington | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 40. Peaks of Otter | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 41. Fincastle | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 42. Roanoke | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 43. Blacksburg | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 44. Giles County | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 45. Tazewell | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 46. Mount Rogers-Whitetop | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 47. Glade Spring | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 48. Blackford | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 49. Bristol | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 50. Buchanan County | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 51. Breaks Interstate Park | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 52. Wise County | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Totals: | 1 | 350 | 331 | 63 | 3 | 3 | 3 | 228 | 130 | 7 | 839 | 13,359 | 14 |

Table 1. Species Counts (page 9 of 19)

| Count Circle \ Species | Least Sand-piper | Western Sand-piper | peep sp. | Short-billed Dowitcher | Wilson's Snipe | American Woodcock | shore-bird sp. | Parasitic Jaeger | Black-legged Kittiwake | Bona-partre's Gull | Black-headed Gull | Laughing Gull | Ring-billed Gull |
|----------------------------|------------------|--------------------|----------|------------------------|----------------|-------------------|----------------|------------------|------------------------|--------------------|-------------------|---------------|------------------|
| 1. Chincoteague | 50 | 165 | ... | 1 | 8 | 3 | ... | ... | ... | 2 | 1 | ... | 402 |
| 2. Wachapreague | ... | ... | 40 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 386 |
| 3. Nassawaddox | ... | ... | ... | 9 | 9 | 2 | ... | ... | ... | ... | ... | ... | 245 |
| 4. Cape Charles | 5 | 333 | ... | 92 | ... | 13 | ... | 1 | ... | 10 | 1 | 3 | 890 |
| 5. Chesapeake Bay | ... | ... | ... | ... | ... | ... | ... | 1 | ... | 35 | ... | 74 | 358 |
| 6. Little Creek | ... | ... | ... | ... | ... | ... | ... | ... | ... | 132 | ... | 50 | 1,270 |
| 7. Back Bay | ... | ... | ... | ... | ... | 8 | ... | ... | CW | 6 | ... | 33 | 1,650 |
| 8. Nansemond River | ... | ... | ... | ... | 8 | 13 | ... | ... | ... | ... | ... | 5 | 6,066 |
| 9. Dismal Swamp | ... | ... | ... | ... | ... | 6 | ... | ... | ... | ... | ... | ... | 56 |
| 10. Newport News | ... | 1 | ... | ... | ... | ... | ... | 1 | ... | 462 | ... | 611 | 2,023 |
| 11. Mathews County | ... | ... | ... | ... | 4 | 16 | 140 | ... | ... | 113 | ... | ... | 1,613 |
| 12. Williamsburg | ... | ... | ... | ... | 3 | ... | ... | ... | ... | 21 | ... | 24 | 1,166 |
| 13. Hopewell | ... | ... | ... | ... | ... | 18 | ... | ... | ... | 15 | ... | 2,732 | 7,739 |
| 14. Walkerton | ... | ... | ... | ... | 3 | 94 | ... | ... | ... | ... | ... | 1 | 583 |
| 15. Washingtons Birthplace | ... | ... | ... | ... | 13 | 12 | ... | ... | ... | 6 | ... | ... | 836 |
| 16. Brooke | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 2,101 | 4,437 |
| 17. Fort Belvoir | ... | ... | ... | ... | 2 | 10 | ... | ... | ... | ... | ... | 13 | 5,072 |
| 18. Central Loudoun County | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 5,171 |
| 19. The Plains | ... | ... | ... | ... | 1 | 1 | ... | ... | ... | ... | ... | ... | 35 |
| 20. Manassas-Bull Run | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 545 |
| 21. Nokesville | ... | ... | ... | ... | 2 | ... | ... | ... | ... | ... | ... | 144 | 7,466 |
| 22. Chancellorsville | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 63 |
| 23. Lake Anna | ... | ... | ... | ... | ... | 5 | ... | ... | ... | 58 | ... | 1 | 2,293 |
| 24. Gordonsville | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... |
| 25. Charlottesville | ... | ... | ... | ... | 2 | ... | ... | ... | ... | ... | ... | ... | ... |
| 26. Warren | ... | ... | ... | ... | ... | 4 | ... | ... | ... | ... | ... | ... | ... |
| 27. Darlington Heights | ... | ... | ... | ... | 6 | 5 | ... | ... | ... | ... | ... | ... | ... |
| 28. Banister River | ... | ... | ... | ... | ... | 9 | ... | ... | ... | 11 | ... | ... | 272 |
| 29. Lynchburg | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 6 |
| 30. Chatham | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 31. Danville | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 32. Calmes Neck | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... |
| 33. N. Shenandoah Valley | ... | ... | ... | ... | 2 | ... | ... | ... | ... | ... | ... | ... | 1 |
| 34. Shenandoah NP-Luray | ... | ... | ... | ... | 17 | CW | ... | ... | ... | ... | ... | ... | ... |
| 35. Big Flat Mountain | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 36. Rockingham County | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 37. Augusta County | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 38. Waynesboro | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 1 |
| 39. Lexington | ... | ... | ... | ... | 2 | ... | ... | ... | ... | ... | ... | ... | 6 |
| 40. Peaks of Otter | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 41. Fincastle | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 42. Roanoke | ... | ... | ... | ... | 2 | ... | ... | ... | ... | ... | ... | ... | 1 |
| 43. Blacksburg | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 348 |
| 44. Giles County | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 45. Tazewell | ... | ... | ... | ... | 5 | ... | ... | ... | ... | ... | ... | ... | 4 |
| 46. Mount Rogers-Whitetop | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 47. Glade Spring | ... | ... | ... | ... | 6 | ... | ... | ... | ... | ... | ... | ... | 1 |
| 48. Blackford | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 49. Bristol | ... | ... | ... | ... | 1 | ... | ... | ... | ... | 43 | ... | ... | 654 |
| 50. Buchanan County | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 51. Breaks Interstate Park | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | 1 |
| 52. Wise County | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Totals: | 55 | 499 | 40 | 102 | 99 | 221 | 140 | 3 | CW | 914 | 2 | 5,792 | 51,660 |

Table 1. Species Counts (page 10 of 19)

| Count Circle \ Species | Herring Gull | Iceland Gull | Lesser Black-backed Gull | Glaucous Gull | Great Black-backed Gull | Herring x Great Black-backed Gull hybrid | gull sp. | Forster's Tern | Royal Tern | Black Skimmer | Rock Pigeon | Eurasian Collared-Dove | Mourning Dove |
|----------------------------|--------------|--------------|--------------------------|---------------|-------------------------|--|----------|----------------|------------|---------------|-------------|------------------------|---------------|
| 1. Chincoteague | 279 | ... | 6 | ... | 411 | ... | 82 | 73 | 1 | CW | 405 | ... | 109 |
| 2. Wachapreague | 464 | ... | ... | ... | 20 | ... | 2 | 18 | ... | ... | 62 | ... | 49 |
| 3. Nassawaddox | 75 | ... | ... | ... | 21 | ... | ... | 1 | ... | ... | 49 | ... | 85 |
| 4. Cape Charles | 456 | CW | 1 | ... | 154 | 1 | ... | 11 | ... | ... | 109 | 3 | 126 |
| 5. Chesapeake Bay | 321 | 1 | 5 | ... | 39 | ... | ... | ... | ... | ... | 2 | ... | ... |
| 6. Little Creek | 596 | ... | 52 | 1 | 243 | ... | ... | 11 | 1 | 22 | 582 | ... | 150 |
| 7. Back Bay | 80 | ... | 39 | 1 | 158 | ... | ... | 126 | ... | ... | 16 | 20 | 109 |
| 8. Nansemond River | 1,097 | ... | 3 | ... | 44 | ... | ... | 7 | 1 | ... | 243 | ... | 147 |
| 9. Dismal Swamp | 3 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 10. Newport News | 781 | ... | ... | ... | 102 | ... | ... | 103 | 2 | ... | 223 | ... | 195 |
| 11. Mathews County | 454 | ... | ... | ... | 46 | ... | 25 | 124 | ... | ... | 5 | ... | 225 |
| 12. Williamsburg | 129 | ... | 3 | ... | 17 | ... | ... | 27 | ... | ... | 135 | ... | 228 |
| 13. Hopewell | 3,546 | ... | 3 | ... | 9 | ... | ... | ... | ... | ... | 110 | ... | 201 |
| 14. Walkerton | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 30 | ... | 397 |
| 15. Washingtons Birthplace | 118 | ... | ... | ... | 12 | ... | ... | 2 | ... | ... | ... | ... | 172 |
| 16. Brooke | 368 | ... | ... | ... | 90 | ... | ... | 28 | ... | ... | 35 | ... | 55 |
| 17. Fort Belvoir | 518 | ... | ... | ... | 84 | ... | ... | ... | ... | ... | 101 | ... | 770 |
| 18. Central Loudoun County | 400 | ... | 2 | ... | 1 | ... | ... | ... | ... | ... | 500 | ... | 468 |
| 19. The Plains | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 432 | ... | 194 |
| 20. Manassas-Bull Run | 20 | ... | ... | ... | ... | ... | 110 | ... | ... | ... | 193 | ... | 387 |
| 21. Nokesville | 10 | ... | ... | ... | 8 | ... | 12 | ... | ... | ... | 9 | ... | 352 |
| 22. Chancellorsville | 28 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 16 | ... | 58 |
| 23. Lake Anna | 482 | ... | ... | ... | 308 | ... | 20 | ... | ... | ... | 54 | ... | 165 |
| 24. Gordonsville | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 29 | ... | 114 |
| 25. Charlottesville | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 81 | ... | 147 |
| 26. Warren | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 51 | ... | 239 |
| 27. Darlington Heights | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 12 | ... | 205 |
| 28. Banister River | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 14 | ... | 63 |
| 29. Lynchburg | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 194 | ... | 140 |
| 30. Chatham | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 7 |
| 31. Danville | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 126 | ... | 103 |
| 32. Calmes Neck | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 438 | ... | 267 |
| 33. N. Shenandoah Valley | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 215 | ... | 539 |
| 34. Shenandoah NP-Luray | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 330 | ... | 186 |
| 35. Big Flat Mountain | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 36. Rockingham County | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 593 | ... | 244 |
| 37. Augusta County | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 235 | ... | 271 |
| 38. Waynesboro | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 100 | ... | 177 |
| 39. Lexington | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 178 | ... | 154 |
| 40. Peaks of Otter | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 11 |
| 41. Fincastle | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 63 | ... | 136 |
| 42. Roanoke | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 188 | ... | 90 |
| 43. Blacksburg | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 281 | 23 | 338 |
| 44. Giles County | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | 76 | ... | 28 |
| 45. Tazewell | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 59 | ... | 22 |
| 46. Mount Rogers-Whitetop | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 64 | ... | 88 |
| 47. Glade Spring | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 753 | 14 | 428 |
| 48. Blackford | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 42 | ... | 385 |
| 49. Bristol | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 195 | ... | 153 |
| 50. Buchanan County | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 10 |
| 51. Breaks Interstate Park | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 79 | ... | 35 |
| 52. Wise County | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 60 | ... | 44 |
| Totals: | 10,226 | 1 | 114 | 2 | 1,767 | 1 | 252 | 531 | 5 | 22 | 7,767 | 60 | 9,266 |

Table 1. Species Counts (page 11 of 19)

| Count Circle \ Species | Barn Owl (American) | Eastern Screech-Owl | Great Horned Owl | Barred Owl | Long-eared Owl | Short-eared Owl | North-em Saw-whet Owl | Ruby-throated Hummingbird | Ruby-throated/Black-chinned Hummingbird sp. | Rufous Hummingbird | Belted Kingfisher | Red-headed Woodpecker | Red-bellied Woodpecker |
|----------------------------|---------------------|---------------------|------------------|------------|----------------|-----------------|-----------------------|---------------------------|---|--------------------|-------------------|-----------------------|------------------------|
| 1. Chincoteague | ... | 17 | 5 | ... | ... | ... | ... | ... | ... | ... | 28 | 3 | 22 |
| 2. Wachapreague | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 10 | 1 | 8 |
| 3. Nassawadox | ... | 6 | 5 | ... | ... | ... | ... | ... | ... | ... | 16 | ... | 19 |
| 4. Cape Charles | ... | 6 | 5 | ... | ... | ... | ... | CW | ... | ... | 12 | CW | 44 |
| 5. Chesapeake Bay | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 6. Little Creek | ... | 18 | 1 | 2 | ... | ... | ... | ... | ... | ... | 13 | ... | 44 |
| 7. Back Bay | ... | 13 | 3 | 1 | ... | ... | ... | ... | ... | ... | 10 | ... | 37 |
| 8. Nansemond River | ... | 14 | 8 | ... | ... | ... | ... | 1 | ... | ... | 18 | 6 | 88 |
| 9. Dismal Swamp | ... | 6 | 1 | 3 | ... | ... | ... | ... | ... | ... | 2 | 1 | 23 |
| 10. Newport News | ... | ... | 2 | ... | ... | ... | ... | ... | ... | ... | 12 | ... | 42 |
| 11. Mathews County | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | 12 | ... | 55 |
| 12. Williamsburg | ... | 5 | 13 | 7 | ... | ... | ... | ... | 1 | ... | 17 | 24 | 155 |
| 13. Hopewell | ... | 4 | 8 | 5 | ... | ... | ... | ... | ... | ... | 14 | 32 | 79 |
| 14. Walkerton | ... | 10 | 18 | 12 | ... | ... | ... | ... | ... | ... | 19 | 60 | 92 |
| 15. Washingtons Birthplace | ... | 4 | 8 | 2 | ... | ... | ... | ... | ... | ... | 14 | 18 | 44 |
| 16. Brooke | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 14 | 77 | 104 |
| 17. Fort Belvoir | ... | 16 | 16 | 18 | ... | ... | ... | ... | ... | ... | 44 | 93 | 774 |
| 18. Central Loudoun County | ... | 2 | 2 | 11 | ... | ... | ... | ... | ... | ... | 24 | 25 | 310 |
| 19. The Plains | 2 | 9 | 5 | 2 | ... | 1 | ... | ... | ... | ... | 15 | 13 | 225 |
| 20. Manassas-Bull Run | ... | 2 | 4 | 7 | ... | ... | ... | ... | ... | ... | 12 | 50 | 366 |
| 21. Nokesville | 2 | 1 | ... | 2 | ... | ... | ... | ... | ... | ... | 1 | 7 | 77 |
| 22. Chancellorsville | ... | 1 | ... | 1 | ... | ... | ... | ... | ... | ... | 3 | ... | 53 |
| 23. Lake Anna | ... | 4 | 6 | 1 | ... | ... | ... | ... | ... | ... | 7 | 4 | 44 |
| 24. Gordonsville | ... | ... | ... | 1 | ... | CW | ... | ... | ... | ... | 7 | ... | 30 |
| 25. Charlottesville | ... | ... | 4 | ... | ... | ... | ... | ... | ... | ... | 16 | 7 | 129 |
| 26. Warren | ... | 2 | 3 | 1 | ... | ... | ... | ... | ... | ... | 5 | 5 | 72 |
| 27. Darlington Heights | ... | 2 | ... | 2 | ... | ... | ... | ... | ... | ... | 3 | 9 | 41 |
| 28. Banister River | ... | 4 | 9 | 20 | ... | ... | ... | ... | ... | ... | 3 | 53 | 58 |
| 29. Lynchburg | ... | 10 | 2 | 1 | ... | ... | ... | ... | ... | ... | 8 | 15 | 76 |
| 30. Chatham | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 4 |
| 31. Danville | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 3 | 40 |
| 32. Calmes Neck | 4 | 10 | 3 | 6 | ... | 1 | 1 | ... | ... | ... | 11 | 29 | 165 |
| 33. N. Shenandoah Valley | 1 | 20 | 3 | 4 | 1 | ... | ... | ... | ... | ... | 15 | 26 | 121 |
| 34. Shenandoah NP-Luray | ... | 6 | 1 | ... | ... | ... | ... | ... | ... | ... | 23 | 1 | 47 |
| 35. Big Flat Mountain | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | 11 |
| 36. Rockingham County | ... | 2 | ... | ... | ... | ... | ... | ... | ... | 1 | 10 | CW | 54 |
| 37. Augusta County | 1 | 6 | 2 | ... | ... | 2 | ... | ... | ... | ... | 9 | ... | 46 |
| 38. Waynesboro | 1 | 2 | 1 | 1 | ... | ... | ... | ... | ... | ... | 9 | ... | 41 |
| 39. Lexington | ... | 9 | 1 | ... | ... | ... | ... | ... | ... | ... | 12 | ... | 40 |
| 40. Peaks of Otter | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | 14 |
| 41. Fincastle | ... | 1 | 3 | ... | ... | ... | ... | ... | ... | ... | 6 | ... | 19 |
| 42. Roanoke | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 3 | ... | 18 |
| 43. Blacksburg | ... | 4 | 2 | CW | ... | ... | ... | ... | ... | ... | 12 | ... | 78 |
| 44. Giles County | ... | 2 | ... | ... | ... | ... | ... | ... | ... | ... | 7 | ... | 16 |
| 45. Tazewell | ... | 3 | 2 | 1 | ... | ... | ... | ... | ... | ... | 9 | 2 | 12 |
| 46. Mount Rogers-Whitetop | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 4 | ... | 6 |
| 47. Glade Spring | ... | 8 | ... | ... | ... | ... | 1 | ... | ... | ... | 18 | 4 | 28 |
| 48. Blackford | ... | 4 | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | 27 |
| 49. Bristol | ... | 3 | 3 | ... | ... | ... | ... | ... | ... | ... | 16 | 2 | 18 |
| 50. Buchanan County | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 11 |
| 51. Breaks Interstate Park | ... | 1 | ... | 3 | ... | ... | ... | ... | ... | ... | 6 | ... | 4 |
| 52. Wise County | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 4 | ... | 9 |
| Totals: | 11 | 237 | 150 | 116 | 1 | 4 | 2 | 1 | 1 | 1 | 537 | 571 | 3,940 |

Table 1. Species Counts (page 12 of 19)

| Count Circle \ Species | Yellow-bellied Sapsucker | Downy Woodpecker | Hairy Woodpecker | Northern (Yellow-shafted) Flicker | Pileated Woodpecker | American Kestrel | Merlin | Peregrine Falcon | Eastern Phoebe | Say's Phoebe | Ash-throated Flycatcher | Logger-head Shrike | Northern Shrike |
|----------------------------|--------------------------|------------------|------------------|-----------------------------------|---------------------|------------------|--------|------------------|----------------|--------------|-------------------------|--------------------|-----------------|
| 1. Chincoteague | 5 | 24 | 8 | 71 | 13 | 8 | 4 | 7 | 2 | ... | ... | ... | ... |
| 2. Wachapreague | 2 | 4 | ... | 27 | 6 | 19 | 1 | 1 | 2 | ... | ... | ... | ... |
| 3. Nassawaddox | 9 | 7 | 4 | 43 | 11 | 6 | 1 | 3 | ... | ... | ... | ... | ... |
| 4. Cape Charles | 19 | 27 | 9 | 109 | 9 | 14 | 3 | 8 | 2 | ... | ... | ... | ... |
| 5. Chesapeake Bay | ... | ... | ... | ... | ... | ... | ... | CW | ... | ... | ... | ... | ... |
| 6. Little Creek | 12 | 49 | 2 | 32 | 15 | ... | 1 | 3 | ... | ... | ... | ... | ... |
| 7. Back Bay | 10 | 30 | 2 | 36 | 10 | 14 | 4 | ... | 5 | ... | 1 | ... | ... |
| 8. Nansemond River | 32 | 45 | 10 | 59 | 17 | 2 | 2 | ... | 1 | ... | ... | ... | ... |
| 9. Dismal Swamp | 7 | 22 | 15 | 19 | 17 | 1 | ... | ... | 2 | ... | ... | ... | ... |
| 10. Newport News | 8 | 35 | 1 | 29 | 4 | 1 | ... | 1 | ... | ... | ... | ... | ... |
| 11. Mathews County | 15 | 20 | 4 | 40 | 9 | 1 | ... | ... | 1 | ... | ... | ... | ... |
| 12. Williamsburg | 50 | 97 | 15 | 71 | 44 | 2 | ... | 1 | 12 | ... | ... | ... | ... |
| 13. Hopewell | 27 | 62 | 8 | 96 | 31 | 2 | ... | 1 | 15 | ... | ... | ... | ... |
| 14. Walkerton | 22 | 47 | 12 | 101 | 35 | 10 | ... | 1 | 17 | ... | ... | ... | ... |
| 15. Washingtons Birthplace | 16 | 28 | 2 | 54 | 19 | 6 | 1 | ... | 4 | ... | ... | ... | ... |
| 16. Brooke | 26 | 79 | 22 | 71 | 63 | ... | ... | ... | 1 | ... | ... | ... | ... |
| 17. Fort Belvoir | 93 | 492 | 98 | 331 | 151 | 3 | 2 | ... | 9 | ... | ... | ... | ... |
| 18. Central Loudoun County | 98 | 218 | 46 | 215 | 79 | 3 | ... | ... | ... | ... | ... | ... | ... |
| 19. The Plains | 61 | 144 | 9 | 70 | 33 | 7 | ... | ... | ... | ... | ... | ... | ... |
| 20. Manassas-Bull Run | 53 | 260 | 58 | 136 | 61 | 3 | ... | ... | ... | ... | ... | ... | ... |
| 21. Nokesville | 14 | 50 | 7 | 91 | 15 | 8 | ... | ... | 2 | ... | ... | ... | ... |
| 22. Chancellorsville | 2 | 30 | 8 | 16 | 31 | ... | ... | ... | ... | ... | ... | ... | ... |
| 23. Lake Anna | 8 | 26 | 4 | 26 | 19 | 2 | ... | ... | 2 | ... | ... | ... | ... |
| 24. Gordonsville | 7 | 21 | ... | 23 | 15 | 5 | ... | ... | 1 | ... | ... | ... | ... |
| 25. Charlottesville | 50 | 112 | 13 | 86 | 46 | 2 | ... | ... | 7 | ... | ... | ... | ... |
| 26. Warren | 30 | 47 | 13 | 50 | 27 | 4 | 2 | ... | 7 | ... | ... | ... | ... |
| 27. Darlington Heights | 13 | 21 | 1 | 16 | 13 | 16 | 1 | ... | 8 | ... | ... | ... | ... |
| 28. Banister River | 30 | 25 | 11 | 44 | 27 | 2 | ... | ... | 11 | ... | ... | ... | ... |
| 29. Lynchburg | 15 | 50 | 8 | 42 | 28 | ... | 1 | ... | 10 | ... | ... | ... | ... |
| 30. Chatham | CW | 2 | 1 | 1 | ... | 4 | ... | ... | ... | ... | ... | ... | ... |
| 31. Danville | 4 | 14 | 1 | 27 | 7 | ... | ... | ... | 3 | ... | ... | ... | ... |
| 32. Calmes Neck | 62 | 134 | 14 | 76 | 62 | 31 | ... | 1 | 4 | ... | ... | 3 | ... |
| 33. N. Shenandoah Valley | 59 | 140 | 20 | 71 | 28 | 18 | 2 | ... | 1 | ... | ... | ... | ... |
| 34. Shenandoah NP-Luray | 29 | 67 | 11 | 24 | 30 | 8 | ... | 1 | ... | ... | ... | ... | ... |
| 35. Big Flat Mountain | 3 | 25 | 20 | 2 | 20 | ... | ... | ... | ... | ... | ... | ... | ... |
| 36. Rockingham County | 7 | 55 | 2 | 21 | 16 | 34 | 1 | 1 | 1 | ... | ... | ... | 1 |
| 37. Augusta County | 4 | 42 | 3 | 19 | 9 | 12 | 1 | ... | ... | ... | ... | ... | ... |
| 38. Waynesboro | 10 | 45 | 8 | 13 | 16 | 12 | ... | ... | 5 | ... | ... | ... | ... |
| 39. Lexington | 20 | 44 | 8 | 4 | 13 | 5 | ... | ... | 1 | ... | ... | ... | ... |
| 40. Peaks of Otter | 6 | 13 | 4 | 3 | 9 | ... | ... | ... | ... | ... | ... | ... | ... |
| 41. Fincastle | 6 | 27 | 5 | 10 | 18 | 9 | ... | ... | 4 | ... | ... | ... | ... |
| 42. Roanoke | 7 | 25 | 1 | 4 | 3 | 3 | ... | ... | 2 | ... | ... | ... | ... |
| 43. Blacksburg | 22 | 92 | 17 | 18 | 26 | 13 | ... | ... | 8 | ... | ... | ... | ... |
| 44. Giles County | 2 | 21 | 8 | 19 | 20 | 3 | ... | ... | 2 | ... | ... | ... | ... |
| 45. Tazewell | 1 | 13 | 3 | 8 | 8 | 12 | ... | ... | 2 | ... | ... | ... | ... |
| 46. Mount Rogers-Whitetop | ... | 4 | ... | 3 | 4 | 5 | ... | ... | 1 | ... | ... | 2 | ... |
| 47. Glade Spring | 4 | 14 | 4 | 19 | 7 | 29 | ... | ... | 3 | ... | ... | 2 | ... |
| 48. Blackford | 8 | 16 | 1 | 26 | 2 | 23 | CW | ... | 6 | 1 | ... | 6 | ... |
| 49. Bristol | 4 | 28 | 4 | 28 | 18 | 12 | ... | ... | 6 | ... | ... | ... | ... |
| 50. Buchanan County | 2 | 9 | 2 | 2 | 5 | ... | ... | ... | 3 | ... | ... | ... | ... |
| 51. Breaks Interstate Park | CW | 9 | 1 | 6 | 10 | CW | ... | ... | 4 | ... | ... | ... | ... |
| 52. Wise County | 1 | 21 | 7 | 6 | 8 | 3 | ... | ... | 1 | ... | ... | ... | ... |
| Totals: | 995 | 2,932 | 535 | 2,414 | 1,187 | 377 | 27 | 29 | 178 | 1 | 1 | 13 | 1 |

Table 1. Species Counts (page 13 of 19)

| Count Circle \ Species | White-eyed Vireo | Blue-headed Vireo | Blue Jay | American Crow | Fish Crow | crow sp. | Common Raven | Horned Lark | Tree Swallow | Northern Rough-winged Swallow | Cave Swallow | Carolina Chickadee | Black-capped Chickadee |
|----------------------------|------------------|-------------------|----------|---------------|-----------|----------|--------------|-------------|--------------|-------------------------------|--------------|--------------------|------------------------|
| 1. Chincoteague | ... | ... | 31 | 362 | 11 | 5 | ... | 1 | ... | ... | ... | 119 | ... |
| 2. Wachapreague | ... | ... | 19 | 513 | 8 | 12 | ... | 1 | ... | ... | ... | 44 | ... |
| 3. Nassawaddox | ... | ... | 24 | 430 | 52 | 72 | ... | ... | ... | ... | ... | 61 | ... |
| 4. Cape Charles | ... | 1 | 51 | 288 | 3 | 1 | ... | 6 | 4 | ... | ... | 118 | ... |
| 5. Chesapeake Bay | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 6. Little Creek | ... | 1 | 55 | 458 | 922 | ... | ... | ... | 2 | ... | 2 | 99 | ... |
| 7. Back Bay | ... | ... | 42 | 257 | 30 | ... | ... | ... | 4,500 | ... | ... | 90 | ... |
| 8. Nansemond River | ... | 1 | 106 | 258 | 637 | 50 | ... | 14 | 35 | ... | 28 | 217 | ... |
| 9. Dismal Swamp | 2 | 7 | 5 | 9 | ... | ... | ... | ... | 140 | ... | ... | 43 | ... |
| 10. Newport News | ... | 1 | 61 | 428 | 87 | ... | ... | ... | 5 | ... | 3 | 180 | ... |
| 11. Mathews County | ... | 1 | 65 | 472 | 1 | ... | ... | ... | ... | ... | ... | 163 | ... |
| 12. Williamsburg | ... | ... | 129 | 479 | CW | 27 | ... | ... | ... | 3 | ... | 450 | ... |
| 13. Hopewell | ... | ... | 84 | 180 | ... | 6 | ... | 14 | ... | ... | ... | 247 | ... |
| 14. Walkerton | 1 | ... | 48 | 847 | ... | 56 | ... | 56 | ... | ... | ... | 175 | ... |
| 15. Washingtons Birthplace | ... | ... | 87 | 365 | ... | ... | ... | 138 | ... | ... | ... | 91 | ... |
| 16. Brooke | ... | ... | 164 | 513 | 18 | ... | 6 | ... | ... | ... | ... | 295 | ... |
| 17. Fort Belvoir | ... | 1 | 808 | 2,041 | 868 | 1,272 | 3 | ... | ... | ... | ... | 1,350 | ... |
| 18. Central Loudoun County | ... | ... | 491 | 876 | 1,356 | 178 | 10 | 20 | ... | ... | ... | 558 | ... |
| 19. The Plains | ... | ... | 359 | 653 | 40 | 11 | 19 | 100 | ... | ... | ... | 361 | ... |
| 20. Manassas-Bull Run | ... | ... | 618 | 522 | 183 | 207 | 9 | ... | ... | ... | ... | 552 | ... |
| 21. Nokesville | ... | ... | 178 | 295 | 224 | ... | 13 | ... | ... | ... | ... | 129 | ... |
| 22. Chancellorsville | ... | ... | 92 | 215 | 34 | ... | 1 | ... | ... | ... | ... | 117 | ... |
| 23. Lake Anna | ... | ... | 125 | 358 | 1 | 13 | 1 | ... | ... | ... | ... | 82 | ... |
| 24. Gordonsville | ... | ... | 109 | 270 | ... | ... | ... | CW | ... | ... | ... | 43 | ... |
| 25. Charlottesville | ... | ... | 259 | 633 | 95 | ... | 10 | ... | ... | ... | ... | 261 | ... |
| 26. Warren | ... | ... | 178 | 414 | 26 | ... | 8 | 19 | ... | ... | ... | 102 | ... |
| 27. Darlington Heights | ... | ... | 115 | 276 | ... | ... | 4 | ... | ... | ... | ... | 43 | ... |
| 28. Banister River | ... | ... | 181 | 184 | 1 | ... | 7 | ... | ... | ... | ... | 63 | ... |
| 29. Lynchburg | ... | 1 | 151 | 447 | 20 | ... | 10 | ... | ... | ... | ... | 191 | ... |
| 30. Chatham | ... | ... | 13 | 95 | ... | ... | ... | ... | ... | ... | ... | 6 | ... |
| 31. Danville | ... | ... | 151 | 127 | ... | ... | 2 | ... | ... | ... | ... | 89 | ... |
| 32. Calmes Neck | ... | ... | 231 | 781 | 3 | ... | 32 | 56 | ... | ... | ... | 453 | ... |
| 33. N. Shenandoah Valley | ... | ... | 282 | 2,347 | 2 | ... | 24 | ... | ... | ... | ... | 655 | ... |
| 34. Shenandoah NP-Luray | ... | ... | 117 | 653 | 5 | ... | 37 | ... | ... | ... | ... | 138 | ... |
| 35. Big Flat Mountain | ... | ... | 1 | 59 | ... | ... | 20 | ... | ... | ... | ... | 90 | ... |
| 36. Rockingham County | ... | ... | 91 | 173 | 3 | 4 | 13 | 404 | ... | ... | ... | 74 | 4 |
| 37. Augusta County | ... | ... | 66 | 732 | 27 | ... | 4 | 1 | ... | ... | ... | 107 | ... |
| 38. Waynesboro | ... | ... | 61 | 456 | 1 | ... | 9 | 16 | ... | ... | ... | 202 | ... |
| 39. Lexington | ... | ... | 78 | 771 | 11 | ... | 21 | ... | ... | ... | ... | 108 | 13 |
| 40. Peaks of Otter | ... | ... | 2 | 63 | ... | ... | 3 | ... | ... | ... | ... | 39 | ... |
| 41. Fincastle | ... | ... | 105 | 430 | 1 | ... | 6 | ... | ... | ... | ... | 71 | ... |
| 42. Roanoke | ... | ... | 73 | 280 | 9 | ... | 5 | ... | ... | ... | ... | 79 | 2 |
| 43. Blacksburg | ... | ... | 104 | 902 | ... | ... | 20 | 16 | ... | ... | ... | 274 | ... |
| 44. Giles County | ... | ... | 36 | 153 | ... | ... | 18 | ... | ... | ... | ... | 80 | 5 |
| 45. Tazewell | ... | ... | 27 | 297 | ... | ... | 18 | ... | ... | ... | ... | 34 | ... |
| 46. Mount Rogers-Whitetop | ... | ... | 13 | 364 | ... | ... | 12 | ... | ... | ... | ... | 14 | ... |
| 47. Glade Spring | ... | ... | 88 | 682 | ... | ... | 6 | ... | ... | ... | ... | 40 | ... |
| 48. Blackford | ... | ... | 57 | 1,189 | ... | ... | 17 | ... | ... | ... | ... | 79 | ... |
| 49. Bristol | ... | ... | 138 | 857 | ... | ... | ... | ... | ... | ... | ... | 137 | ... |
| 50. Buchanan County | ... | ... | 7 | 171 | ... | ... | 3 | ... | ... | ... | ... | 31 | ... |
| 51. Breaks Interstate Park | ... | ... | 23 | 135 | ... | ... | 3 | 2 | ... | ... | ... | 25 | ... |
| 52. Wise County | ... | ... | 25 | 531 | ... | ... | 6 | 11 | ... | ... | ... | 68 | ... |
| Totals: | 3 | 14 | 6,424 | 25,291 | 4,679 | 1,914 | 380 | 875 | 4,686 | 3 | 33 | 9,137 | 24 |

Table 1. Species Counts (page 14 of 19)

| Count Circle \ Species | chick-adee sp. | Tufted Titmouse | Red-breasted Nuthatch | White-breasted Nuthatch | Brown-headed Nuthatch | Brown Creeper | House Wren | Winter Wren | Sedge Wren | Marsh Wren | Carolina Wren | Blue-gray Gnatcatcher | Golden-crowned Kinglet |
|----------------------------|----------------|-----------------|-----------------------|-------------------------|-----------------------|---------------|------------|-------------|------------|------------|---------------|-----------------------|------------------------|
| 1. Chincoteague | ... | 64 | ... | 4 | 200 | 9 | ... | 3 | ... | ... | 100 | ... | 22 |
| 2. Wachapreague | ... | 11 | ... | ... | 14 | ... | ... | 1 | ... | ... | 16 | ... | 2 |
| 3. Nassawaddox | ... | 35 | 1 | ... | 40 | 1 | 4 | 3 | 4 | 2 | 34 | ... | 1 |
| 4. Cape Charles | ... | 52 | ... | ... | 13 | 12 | 8 | 8 | ... | 5 | 170 | ... | 19 |
| 5. Chesapeake Bay | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 6. Little Creek | ... | 31 | ... | 12 | 18 | 6 | 2 | 4 | ... | 2 | 71 | ... | 8 |
| 7. Back Bay | ... | 26 | ... | 6 | 16 | 1 | 11 | ... | 2 | 16 | 107 | ... | 5 |
| 8. Nansemond River | ... | 86 | ... | 13 | 21 | 4 | 4 | 5 | ... | ... | 144 | ... | 26 |
| 9. Dismal Swamp | ... | 5 | ... | 10 | 3 | 4 | ... | 19 | ... | ... | 61 | ... | 11 |
| 10. Newport News | ... | 92 | ... | 27 | 8 | 1 | ... | 1 | ... | 1 | 66 | ... | 16 |
| 11. Mathews County | ... | 110 | 3 | 4 | 64 | 4 | 1 | 1 | ... | 1 | 54 | ... | 16 |
| 12. Williamsburg | ... | 374 | ... | 112 | 11 | 8 | 4 | 13 | ... | 1 | 174 | ... | 52 |
| 13. Hopewell | ... | 178 | ... | 31 | 1 | 5 | 7 | 13 | ... | ... | 117 | 3 | 111 |
| 14. Walkerton | ... | 82 | 1 | 18 | ... | 7 | 1 | 22 | ... | ... | 118 | ... | 45 |
| 15. Washingtons Birthplace | ... | 68 | ... | 8 | ... | 2 | ... | 3 | ... | ... | 101 | ... | 7 |
| 16. Brooke | ... | 192 | 2 | 79 | ... | 8 | ... | 4 | ... | ... | 103 | 1 | 31 |
| 17. Fort Belvoir | ... | 1,164 | 3 | 536 | ... | 60 | ... | 44 | ... | 1 | 679 | ... | 105 |
| 18. Central Loudoun County | ... | 309 | 1 | 178 | ... | 20 | ... | 5 | ... | ... | 291 | ... | 52 |
| 19. The Plains | ... | 252 | ... | 135 | ... | 7 | ... | 6 | ... | ... | 210 | ... | 27 |
| 20. Manassas-Bull Run | ... | 403 | ... | 282 | ... | 23 | ... | 12 | ... | ... | 317 | ... | 37 |
| 21. Nokesville | ... | 80 | ... | 28 | ... | 2 | ... | 4 | ... | ... | 81 | ... | 26 |
| 22. Chancellorsville | ... | 80 | ... | 48 | ... | 8 | ... | ... | ... | ... | 30 | ... | 12 |
| 23. Lake Anna | ... | 80 | ... | 20 | ... | 5 | ... | 2 | ... | ... | 32 | ... | 57 |
| 24. Gordonsville | ... | 28 | ... | 24 | ... | 2 | ... | ... | ... | ... | 12 | ... | 3 |
| 25. Charlottesville | ... | 248 | ... | 146 | ... | 11 | ... | 16 | ... | ... | 165 | ... | 52 |
| 26. Warren | ... | 75 | ... | 49 | ... | 2 | ... | 5 | ... | ... | 61 | ... | 5 |
| 27. Darlington Heights | ... | 45 | ... | 14 | 1 | 3 | ... | 3 | ... | ... | 20 | ... | 4 |
| 28. Banister River | ... | 55 | ... | 11 | CW | 7 | 1 | 25 | ... | ... | 52 | ... | 27 |
| 29. Lynchburg | ... | 187 | ... | 78 | ... | 6 | ... | 12 | ... | ... | 105 | ... | 22 |
| 30. Chatham | ... | 5 | ... | 2 | CW | 1 | ... | ... | ... | ... | 2 | ... | 4 |
| 31. Danville | ... | 44 | ... | 13 | 2 | ... | ... | ... | ... | ... | 72 | 1 | 4 |
| 32. Calmes Neck | ... | 339 | ... | 169 | ... | 17 | ... | 2 | ... | ... | 118 | ... | 18 |
| 33. N. Shenandoah Valley | ... | 282 | 1 | 180 | ... | 24 | 1 | 10 | ... | ... | 156 | ... | 43 |
| 34. Shenandoah NP-Luray | ... | 113 | ... | 95 | ... | 7 | ... | 3 | ... | ... | 80 | ... | 19 |
| 35. Big Flat Mountain | ... | 39 | 1 | 48 | ... | 8 | ... | ... | ... | ... | 13 | ... | 25 |
| 36. Rockingham County | 18 | 107 | ... | 45 | ... | 5 | ... | 4 | ... | ... | 28 | ... | 11 |
| 37. Augusta County | ... | 113 | ... | 38 | ... | 1 | ... | 1 | ... | ... | 54 | ... | 11 |
| 38. Waynesboro | ... | 169 | 1 | 62 | ... | 1 | ... | 4 | ... | ... | 68 | ... | 7 |
| 39. Lexington | 2 | 135 | ... | 50 | ... | 4 | ... | 3 | ... | ... | 34 | ... | 64 |
| 40. Peaks of Otter | ... | 20 | ... | 16 | ... | ... | ... | ... | ... | ... | 10 | ... | ... |
| 41. Fincastle | ... | 32 | ... | 21 | ... | 1 | ... | 3 | ... | ... | 21 | ... | 3 |
| 42. Roanoke | ... | 33 | ... | 37 | ... | 1 | ... | ... | ... | ... | 49 | ... | 10 |
| 43. Blacksburg | 6 | 266 | ... | 108 | ... | 6 | ... | 8 | ... | ... | 94 | ... | 32 |
| 44. Giles County | 17 | 68 | ... | 33 | ... | ... | ... | 1 | ... | ... | 45 | ... | 12 |
| 45. Tazewell | ... | 31 | ... | 17 | ... | ... | ... | 1 | ... | ... | 19 | ... | 1 |
| 46. Mount Rogers-Whitetop | ... | 36 | 6 | 9 | ... | 1 | ... | ... | ... | ... | 12 | ... | 1 |
| 47. Glade Spring | ... | 53 | ... | 40 | ... | ... | ... | 2 | ... | ... | 40 | ... | 3 |
| 48. Blackford | ... | 42 | ... | 26 | ... | ... | ... | ... | ... | ... | 12 | ... | 5 |
| 49. Bristol | ... | 97 | 1 | 31 | ... | 3 | ... | 4 | ... | ... | 111 | ... | 27 |
| 50. Buchanan County | ... | 23 | ... | 20 | ... | ... | ... | ... | ... | ... | 13 | ... | 6 |
| 51. Breaks Interstate Park | ... | 24 | 1 | 13 | ... | ... | ... | 4 | ... | ... | 5 | ... | 11 |
| 52. Wise County | ... | 79 | ... | 36 | ... | 3 | ... | 5 | ... | ... | 17 | ... | 7 |
| Totals: | 43 | 6,562 | 22 | 2,982 | 412 | 311 | 44 | 289 | 6 | 29 | 4,564 | 5 | 1,125 |

Table 1. Species Counts (page 15 of 19)

| Species Count Circle | Ruby-crowned Kinglet | Eastern Bluebird | Hermit Thrush | American Robin | Gray Catbird | Brown Thrasher | Northern Mockingbird | European Starling | American Pipit | Cedar Wax-wing | Lap-land Long-spur | Snow Bunting | Black-and-white Warbler |
|----------------------------|----------------------|------------------|---------------|----------------|--------------|----------------|----------------------|-------------------|----------------|----------------|--------------------|--------------|-------------------------|
| 1. Chincoteague | 12 | 55 | 22 | 124 | 18 | 6 | 29 | 1,248 | 2 | 27 | ... | ... | ... |
| 2. Wachapreague | 3 | 234 | 1 | 253 | 1 | 1 | 34 | 1,514 | ... | 15 | ... | ... | ... |
| 3. Nassawaddox | 5 | 161 | 22 | 109 | 8 | 2 | 38 | 207 | 1 | 6 | ... | ... | ... |
| 4. Cape Charles | 22 | 108 | 41 | 409 | 16 | 7 | 52 | 1,370 | 2 | 96 | 1 | ... | 1 |
| 5. Chesapeake Bay | ... | ... | ... | 2 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 6. Little Creek | 10 | 54 | 10 | 862 | 5 | 10 | 32 | 2,140 | ... | 594 | ... | ... | ... |
| 7. Back Bay | 7 | 134 | 4 | 930 | 9 | 4 | 47 | 2,300 | 1 | 419 | ... | ... | ... |
| 8. Nansemond River | 34 | 139 | 16 | 760 | 5 | 28 | 122 | 1,496 | 21 | 588 | ... | ... | ... |
| 9. Dismal Swamp | 40 | 1 | 59 | 676 | 81 | ... | 2 | ... | ... | 52 | ... | ... | ... |
| 10. Newport News | 13 | 163 | 2 | 586 | ... | 11 | 72 | 2,098 | ... | 120 | ... | 1 | ... |
| 11. Mathews County | 24 | 306 | 7 | 173 | 3 | 4 | 55 | 857 | ... | 522 | ... | ... | ... |
| 12. Williamsburg | 60 | 208 | 25 | 443 | 5 | 21 | 72 | 878 | ... | 1,150 | ... | ... | ... |
| 13. Hopewell | 69 | 71 | 33 | 702 | 4 | 11 | 56 | 490 | 81 | 520 | ... | ... | 1 |
| 14. Walkerton | 63 | 140 | 47 | 3,670 | 7 | 21 | 67 | 557 | 247 | 698 | ... | ... | ... |
| 15. Washingtons Birthplace | 28 | 69 | 23 | 1,198 | 4 | 5 | 33 | 3,847 | 360 | 1,048 | ... | ... | ... |
| 16. Brooke | 29 | 192 | 20 | 409 | ... | 2 | 55 | 1,911 | ... | 278 | ... | ... | ... |
| 17. Fort Belvoir | 96 | 331 | 101 | 2,906 | 7 | 10 | 174 | 2,824 | ... | 1,512 | ... | ... | ... |
| 18. Central Loudoun County | 22 | 490 | 18 | 11,719 | ... | 1 | 256 | 3,581 | ... | 1,066 | ... | ... | ... |
| 19. The Plains | 8 | 212 | 18 | 867 | 3 | ... | 101 | 1,002 | 100 | 457 | ... | ... | ... |
| 20. Manassas-Bull Run | 24 | 241 | 15 | 3,050 | 1 | 2 | 80 | 1,820 | ... | 654 | ... | ... | ... |
| 21. Nokesville | 26 | 63 | 13 | 1,855 | 1 | ... | 39 | 2,365 | 3 | 286 | ... | ... | ... |
| 22. Chancellorsville | 3 | 63 | 4 | 556 | ... | ... | 24 | 479 | ... | 518 | ... | ... | ... |
| 23. Lake Anna | 7 | 124 | 4 | 706 | ... | ... | 19 | 213 | ... | 665 | ... | ... | ... |
| 24. Gordonsville | 6 | 101 | 2 | 1,858 | ... | ... | 31 | 11,684 | ... | 112 | ... | ... | ... |
| 25. Charlottesville | 37 | 260 | 55 | 2,495 | ... | 2 | 61 | 405 | ... | 566 | ... | ... | ... |
| 26. Warren | 4 | 216 | 7 | 3,543 | ... | ... | 27 | 363 | ... | 239 | ... | ... | ... |
| 27. Darlington Heights | ... | 107 | 1 | 5,287 | ... | 1 | 30 | 1,299 | 56 | 283 | ... | ... | ... |
| 28. Banister River | 31 | 54 | 30 | 1,598 | CW | 6 | 19 | 84 | ... | 70 | ... | ... | ... |
| 29. Lynchburg | 20 | 193 | 2 | 438 | ... | 1 | 50 | 713 | ... | 214 | ... | ... | ... |
| 30. Chatham | 1 | 23 | ... | 255 | ... | 1 | 1 | 74 | ... | 19 | ... | ... | ... |
| 31. Danville | 5 | 118 | 1 | 633 | ... | 1 | 51 | 461 | ... | 564 | ... | ... | ... |
| 32. Calmes Neck | 5 | 416 | 6 | 858 | 3 | ... | 119 | 1,695 | ... | 215 | ... | ... | ... |
| 33. N. Shenandoah Valley | 11 | 727 | 28 | 6,883 | ... | ... | 152 | 17,636 | 100 | 453 | ... | ... | ... |
| 34. Shenandoah NP-Luray | 4 | 145 | 9 | 1,235 | ... | ... | 59 | 2,493 | ... | 19 | ... | ... | ... |
| 35. Big Flat Mountain | ... | 11 | 1 | 14 | ... | ... | ... | ... | ... | 24 | ... | ... | ... |
| 36. Rockingham County | 3 | 219 | 2 | 494 | ... | 1 | 45 | 4,405 | 161 | 152 | ... | ... | ... |
| 37. Augusta County | 3 | 110 | 1 | 1,696 | ... | ... | 63 | 3,614 | 14 | 76 | ... | ... | ... |
| 38. Waynesboro | 5 | 186 | 3 | 93 | 2 | ... | 49 | 1,260 | CW | 28 | ... | ... | ... |
| 39. Lexington | 1 | 151 | 3 | 4,774 | ... | ... | 32 | 2,667 | ... | 157 | ... | ... | ... |
| 40. Peaks of Otter | ... | 27 | ... | ... | ... | ... | 1 | ... | ... | 55 | ... | ... | ... |
| 41. Fincastle | 1 | 148 | 3 | 371 | ... | ... | 55 | 483 | ... | 89 | ... | ... | ... |
| 42. Roanoke | 4 | 70 | ... | 149 | ... | ... | 23 | 273 | ... | 114 | ... | ... | ... |
| 43. Blacksburg | 8 | 215 | 4 | 87 | ... | ... | 84 | 1,976 | 44 | 67 | ... | ... | ... |
| 44. Giles County | ... | 55 | 2 | 73 | ... | ... | 18 | 82 | ... | 31 | ... | ... | ... |
| 45. Tazewell | ... | 10 | ... | 10 | ... | 1 | 4 | 736 | ... | 14 | ... | ... | ... |
| 46. Mount Rogers-Whitetop | ... | 35 | ... | 12 | ... | ... | 11 | 126 | ... | ... | ... | ... | ... |
| 47. Glade Spring | 2 | 99 | 2 | 54 | ... | 1 | 53 | 1,851 | ... | 36 | ... | ... | ... |
| 48. Blackford | 1 | 85 | 1 | 427 | ... | 1 | 35 | 1,814 | ... | 109 | ... | ... | ... |
| 49. Bristol | 7 | 84 | 5 | 520 | 1 | ... | 80 | 8,982 | ... | 75 | ... | ... | ... |
| 50. Buchanan County | ... | 30 | ... | 8 | ... | ... | ... | 51 | ... | 10 | ... | ... | ... |
| 51. Breaks Interstate Park | 1 | 7 | ... | 23 | ... | 2 | 3 | 254 | ... | CW | ... | ... | ... |
| 52. Wise County | ... | 29 | 1 | 22 | ... | ... | 10 | 261 | ... | ... | ... | ... | ... |
| Totals: | 765 | 7,490 | 674 | 66,875 | 184 | 164 | 2,625 | 98,939 | 1,193 | 15,082 | 1 | 1 | 2 |

Table 1. Species Counts (page 16 of 19)

| Count Circle \ Species | Orange-crowned Warbler | Common Yellowthroat | American Redstart | Northern Parula | Palm Warbler | Pine Warbler | Yellow-rumped (Myrtle) Warbler | Eastern Towhee | American Tree Sparrow | Chipping Sparrow | Field Sparrow | Vesper Sparrow | Nelson's Sparrow |
|----------------------------|------------------------|---------------------|-------------------|-----------------|--------------|--------------|--------------------------------|----------------|-----------------------|------------------|---------------|----------------|------------------|
| 1. Chincoteague | ... | ... | ... | ... | 4 | 9 | 1,646 | 10 | ... | 213 | 83 | ... | 1 |
| 2. Wachapreague | ... | ... | ... | ... | 2 | 18 | 605 | 1 | ... | 55 | 2 | ... | ... |
| 3. Nassawaddox | 1 | ... | ... | ... | 1 | 14 | 1,362 | 5 | ... | 92 | 6 | ... | 3 |
| 4. Cape Charles | 4 | 2 | ... | ... | 19 | 10 | 1,331 | 14 | ... | 236 | 36 | 3 | 19 |
| 5. Chesapeake Bay | ... | ... | ... | ... | ... | ... | 5 | ... | ... | ... | ... | ... | ... |
| 6. Little Creek | 1 | ... | ... | ... | 5 | 23 | 615 | 23 | ... | 116 | 3 | ... | 10 |
| 7. Back Bay | 2 | 1 | ... | ... | 5 | 8 | 830 | 25 | ... | 142 | 15 | ... | ... |
| 8. Nansemond River | 1 | 4 | ... | ... | 9 | 22 | 357 | 41 | ... | 297 | 52 | ... | 1 |
| 9. Dismal Swamp | 3 | 2 | ... | ... | ... | 5 | 32 | 19 | ... | ... | ... | ... | ... |
| 10. Newport News | ... | ... | ... | ... | ... | 9 | 324 | 8 | ... | 92 | 8 | ... | 1 |
| 11. Mathews County | ... | ... | ... | ... | ... | 8 | 598 | 20 | ... | 103 | 33 | ... | ... |
| 12. Williamsburg | ... | ... | ... | ... | ... | 8 | 664 | 62 | ... | 153 | 31 | ... | ... |
| 13. Hopewell | 4 | 3 | ... | ... | 2 | 2 | 162 | 35 | ... | 79 | 112 | ... | ... |
| 14. Walkerton | ... | ... | ... | ... | ... | 4 | 290 | 56 | ... | 28 | 18 | ... | ... |
| 15. Washingtons Birthplace | ... | ... | ... | ... | ... | ... | 114 | 32 | ... | 16 | 85 | ... | ... |
| 16. Brooke | ... | ... | ... | ... | ... | 2 | 130 | 18 | 8 | 9 | 5 | ... | ... |
| 17. Fort Belvoir | 1 | 3 | ... | ... | 4 | ... | 316 | 206 | 3 | 9 | 142 | ... | ... |
| 18. Central Loudoun County | ... | ... | ... | ... | 1 | ... | 118 | 60 | 3 | 5 | 104 | ... | ... |
| 19. The Plains | ... | ... | ... | ... | ... | ... | 190 | 25 | 3 | 2 | 114 | ... | ... |
| 20. Manassas-Bull Run | ... | ... | ... | ... | ... | ... | 291 | 57 | ... | 3 | 120 | ... | ... |
| 21. Nokesville | ... | 1 | ... | ... | 1 | 1 | 109 | 37 | 6 | 4 | 21 | ... | ... |
| 22. Chancellorsville | ... | ... | ... | ... | ... | 21 | 26 | 4 | ... | 3 | 24 | ... | ... |
| 23. Lake Anna | ... | ... | ... | ... | ... | 1 | 40 | 12 | ... | ... | 12 | ... | ... |
| 24. Gordonsville | ... | ... | ... | ... | ... | ... | 33 | 1 | ... | ... | 1 | ... | ... |
| 25. Charlottesville | ... | ... | ... | ... | ... | 1 | 132 | 27 | ... | 22 | 34 | ... | ... |
| 26. Warren | ... | ... | ... | ... | ... | ... | 103 | 8 | ... | 40 | 28 | ... | ... |
| 27. Darlington Heights | ... | ... | ... | ... | ... | 2 | 157 | 3 | ... | 81 | 17 | 3 | ... |
| 28. Banister River | ... | ... | ... | ... | ... | 5 | 51 | 32 | ... | 57 | 50 | ... | ... |
| 29. Lynchburg | ... | ... | ... | ... | ... | ... | 49 | 15 | ... | 3 | 20 | ... | ... |
| 30. Chatham | ... | ... | ... | ... | ... | ... | 6 | 6 | ... | 1 | 6 | ... | ... |
| 31. Danville | ... | ... | ... | ... | ... | ... | 48 | 13 | ... | 43 | 40 | ... | ... |
| 32. Calmes Neck | ... | ... | ... | ... | ... | ... | 35 | 2 | 1 | 1 | 45 | ... | ... |
| 33. N. Shenandoah Valley | 1 | ... | ... | ... | ... | ... | 135 | ... | 24 | ... | 34 | ... | ... |
| 34. Shenandoah NP-Luray | ... | ... | ... | ... | ... | 1 | 91 | 1 | 1 | ... | 16 | ... | ... |
| 35. Big Flat Mountain | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 36. Rockingham County | ... | 1 | ... | CW | ... | ... | 18 | 1 | ... | ... | 14 | ... | ... |
| 37. Augusta County | ... | ... | ... | ... | ... | ... | 76 | 2 | ... | 1 | 16 | ... | ... |
| 38. Waynesboro | ... | ... | ... | ... | ... | ... | 31 | 6 | ... | 6 | 14 | ... | ... |
| 39. Lexington | ... | ... | ... | ... | ... | ... | 225 | 10 | ... | ... | 20 | ... | ... |
| 40. Peaks of Otter | ... | ... | ... | ... | ... | ... | ... | 2 | ... | ... | ... | ... | ... |
| 41. Fincastle | ... | ... | ... | ... | ... | ... | 81 | 5 | ... | 2 | 6 | ... | ... |
| 42. Roanoke | ... | ... | ... | ... | ... | ... | 2 | 1 | ... | ... | 3 | ... | ... |
| 43. Blacksburg | ... | ... | 1 | ... | ... | 2 | 18 | 11 | 2 | 3 | 84 | ... | ... |
| 44. Giles County | ... | ... | ... | ... | ... | ... | 37 | 15 | ... | ... | 31 | ... | ... |
| 45. Tazewell | ... | ... | ... | ... | ... | ... | 2 | 5 | ... | ... | 17 | ... | ... |
| 46. Mount Rogers-Whitetop | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | 3 | ... | ... |
| 47. Glade Spring | ... | ... | ... | ... | ... | ... | 16 | 20 | ... | 30 | 11 | ... | ... |
| 48. Blackford | ... | ... | ... | ... | ... | ... | 54 | 11 | ... | 9 | 40 | ... | ... |
| 49. Bristol | ... | ... | ... | ... | 1 | 1 | 44 | 24 | ... | 6 | 19 | ... | ... |
| 50. Buchanan County | ... | ... | ... | ... | ... | ... | ... | 10 | ... | ... | 6 | ... | ... |
| 51. Breaks Interstate Park | ... | ... | ... | ... | ... | ... | 8 | 12 | ... | 4 | 7 | ... | ... |
| 52. Wise County | ... | ... | ... | ... | ... | ... | 4 | 5 | ... | ... | 2 | ... | ... |
| Totals: | 18 | 17 | 1 | CW | 54 | 177 | 11,611 | 1,019 | 51 | 1,966 | 1,610 | 6 | 35 |

Table 1. Species Counts (page 17 of 19)

| Count Circle \ Species | Savannah Sparrow | Savannah (Ipswich) Sparrow | Salt-marsh Sparrow | sharp-tailed sparrow | Sea-side Sparrow | Fox Sparrow | Song Sparrow | Lincoln's Sparrow | Swamp Sparrow | White-throated Sparrow | White-crowned Sparrow | Dark-eyed Junco (Slate-colored) | sparrow sp. |
|----------------------------|------------------|----------------------------|--------------------|----------------------|------------------|-------------|--------------|-------------------|---------------|------------------------|-----------------------|---------------------------------|-------------|
| 1. Chincoteague | 81 | 8 | 8 | ... | 5 | 47 | 166 | ... | 39 | 385 | 2 | 125 | ... |
| 2. Wachapreague | 11 | ... | ... | ... | ... | ... | 24 | ... | 4 | 64 | 1 | 144 | ... |
| 3. Nassawaddox | 6 | 1 | 2 | 1 | 2 | 11 | 75 | ... | 71 | 55 | ... | 82 | 8 |
| 4. Cape Charles | 83 | 10 | 6 | 7 | 6 | 32 | 152 | ... | 46 | 297 | ... | 106 | 1 |
| 5. Chesapeake Bay | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... |
| 6. Little Creek | 4 | ... | 1 | ... | 2 | 18 | 91 | ... | 8 | 239 | ... | 69 | ... |
| 7. Back Bay | 60 | 1 | ... | ... | ... | 4 | 108 | ... | 29 | 141 | ... | 43 | ... |
| 8. Nansemond River | 60 | ... | 1 | ... | 1 | 10 | 297 | ... | 42 | 415 | ... | 265 | ... |
| 9. Dismal Swamp | ... | ... | ... | ... | ... | 6 | 26 | ... | 49 | 107 | ... | 8 | ... |
| 10. Newport News | 46 | 1 | ... | ... | ... | 2 | 83 | ... | 17 | 182 | 1 | 115 | ... |
| 11. Mathews County | 1 | ... | ... | ... | ... | 7 | 68 | ... | 8 | 197 | ... | 357 | ... |
| 12. Williamsburg | 23 | ... | ... | ... | ... | 5 | 215 | ... | 29 | 768 | ... | 535 | ... |
| 13. Hopewell | 58 | ... | ... | ... | ... | 8 | 1,072 | ... | 345 | 999 | 20 | 480 | ... |
| 14. Walkerton | 55 | ... | ... | ... | ... | 23 | 734 | ... | 39 | 1,697 | 4 | 667 | ... |
| 15. Washingtons Birthplace | 104 | ... | ... | ... | ... | 2 | 192 | ... | 27 | 550 | 7 | 515 | ... |
| 16. Brooke | ... | ... | ... | ... | ... | ... | 192 | ... | 19 | 400 | ... | 466 | ... |
| 17. Fort Belvoir | 15 | ... | ... | ... | ... | 74 | 1,316 | 1 | 158 | 4,281 | 4 | 2,412 | ... |
| 18. Central Loudoun County | 8 | ... | ... | ... | ... | 29 | 474 | ... | 35 | 866 | 50 | 1,088 | ... |
| 19. The Plains | 16 | ... | ... | ... | ... | 4 | 661 | ... | 42 | 1,383 | 25 | 1,163 | ... |
| 20. Manassas-Bull Run | 5 | ... | ... | ... | ... | 8 | 509 | ... | 14 | 885 | 2 | 1,301 | ... |
| 21. Nokesville | ... | ... | ... | ... | ... | 9 | 178 | ... | 19 | 338 | 9 | 376 | ... |
| 22. Chancellorsville | 12 | ... | ... | ... | ... | ... | 82 | ... | 3 | 143 | 3 | 374 | ... |
| 23. Lake Anna | 1 | ... | ... | ... | ... | 2 | 34 | ... | 15 | 141 | 5 | 674 | ... |
| 24. Gordonsville | 6 | ... | ... | ... | ... | ... | 25 | ... | ... | 84 | 3 | 222 | ... |
| 25. Charlottesville | 6 | ... | ... | ... | ... | ... | 283 | ... | 2 | 604 | 25 | 398 | ... |
| 26. Warren | 2 | ... | ... | ... | ... | 6 | 128 | ... | 6 | 514 | 30 | 497 | ... |
| 27. Darlington Heights | 3 | ... | ... | ... | ... | 2 | 166 | ... | 22 | 222 | 10 | 210 | ... |
| 28. Banister River | ... | ... | ... | ... | ... | 1 | 80 | ... | 24 | 129 | ... | 189 | ... |
| 29. Lynchburg | ... | ... | ... | ... | ... | 1 | 41 | ... | 2 | 267 | ... | 445 | ... |
| 30. Chatham | 6 | ... | ... | ... | ... | 1 | 3 | ... | ... | 18 | 2 | 26 | ... |
| 31. Danville | ... | ... | ... | ... | ... | ... | 34 | ... | 4 | 116 | ... | 521 | ... |
| 32. Calmes Neck | 1 | ... | ... | ... | ... | 2 | 179 | ... | 11 | 322 | 91 | 994 | ... |
| 33. N. Shenandoah Valley | 6 | ... | ... | ... | ... | 2 | 240 | ... | 6 | 646 | 61 | 1,098 | ... |
| 34. Shenandoah NP-Luray | ... | ... | ... | ... | ... | 6 | 145 | ... | ... | 211 | 39 | 347 | ... |
| 35. Big Flat Mountain | ... | ... | ... | ... | ... | 1 | 1 | ... | ... | 15 | ... | 78 | ... |
| 36. Rockingham County | 13 | ... | ... | ... | ... | 5 | 68 | ... | ... | 227 | 177 | 346 | 6 |
| 37. Augusta County | 1 | ... | ... | ... | ... | CW | 66 | ... | 1 | 376 | 56 | 280 | ... |
| 38. Waynesboro | ... | ... | ... | ... | ... | 1 | 86 | 2 | 4 | 218 | 75 | 600 | ... |
| 39. Lexington | 2 | ... | ... | ... | ... | 7 | 76 | ... | 4 | 437 | 157 | 310 | ... |
| 40. Peaks of Otter | ... | ... | ... | ... | ... | ... | 4 | ... | ... | 8 | 4 | 69 | ... |
| 41. Fincastle | 3 | ... | ... | ... | ... | 9 | 31 | ... | 2 | 65 | 51 | 129 | ... |
| 42. Roanoke | ... | ... | ... | ... | ... | ... | 61 | ... | 1 | 69 | ... | 55 | ... |
| 43. Blacksburg | 3 | ... | ... | ... | ... | 8 | 131 | ... | 6 | 278 | 56 | 178 | ... |
| 44. Giles County | ... | ... | ... | ... | ... | 1 | 66 | ... | ... | 38 | 1 | 79 | ... |
| 45. Tazewell | ... | ... | ... | ... | ... | ... | 52 | ... | 1 | 7 | 4 | 29 | ... |
| 46. Mount Rogers-Whitetop | ... | ... | ... | ... | ... | ... | 32 | ... | ... | 20 | ... | 60 | ... |
| 47. Glade Spring | ... | ... | ... | ... | ... | 2 | 91 | ... | 4 | 27 | 133 | 34 | ... |
| 48. Blackford | ... | ... | ... | ... | ... | 1 | 90 | 1 | 4 | 21 | 21 | 49 | ... |
| 49. Bristol | ... | ... | ... | ... | ... | ... | 99 | ... | 2 | 81 | 15 | 42 | ... |
| 50. Buchanan County | ... | ... | ... | ... | ... | ... | 23 | ... | 1 | ... | 1 | 87 | ... |
| 51. Breaks Interstate Park | ... | ... | ... | ... | ... | 1 | 25 | ... | 2 | 40 | 7 | 93 | ... |
| 52. Wise County | ... | ... | ... | ... | ... | ... | 41 | ... | ... | 11 | ... | 70 | ... |
| Totals: | 701 | 21 | 18 | 8 | 16 | 358 | 9,116 | 4 | 1,167 | 19,605 | 1,152 | 18,900 | 15 |

Table 1. Species Counts (page 18 of 19)

| Count Circle \ Species | Western Tanager | Northern Cardinal | Painted Bunting | Dickcissel | Red-winged Blackbird | Eastern Meadowlark | Rusty Blackbird | Brewer's Blackbird | Common Grackle | Boat-tailed Grackle | Brown-headed Cowbird | Baltimore Oriole | black-bird sp. |
|----------------------------|-----------------|-------------------|-----------------|------------|----------------------|--------------------|-----------------|--------------------|----------------|---------------------|----------------------|------------------|----------------|
| 1. Chincoteague | ... | 188 | ... | ... | 13,843 | 43 | ... | ... | 3,093 | 143 | 1,045 | ... | 1 |
| 2. Wachapreague | ... | 44 | ... | ... | 523 | 30 | ... | ... | 110 | 53 | 36 | ... | ... |
| 3. Nassawaddox | ... | 66 | ... | ... | 284 | 1 | ... | ... | 13 | 4 | 48 | ... | 27 |
| 4. Cape Charles | ... | 214 | ... | ... | 1,614 | 19 | ... | ... | 210 | 11 | 83 | ... | ... |
| 5. Chesapeake Bay | ... | ... | ... | ... | ... | ... | CW | ... | ... | ... | ... | ... | ... |
| 6. Little Creek | ... | 110 | ... | ... | 740 | ... | ... | ... | 370 | 48 | 72 | 2 | ... |
| 7. Back Bay | ... | 115 | ... | ... | 4,000 | 35 | ... | ... | 714 | 19 | 625 | ... | ... |
| 8. Nansemond River | ... | 129 | ... | ... | 2,255 | 30 | ... | ... | 2,007 | 18 | 197 | 1 | ... |
| 9. Dismal Swamp | ... | 16 | ... | ... | 74 | ... | 24 | ... | 8 | ... | 1 | ... | ... |
| 10. Newport News | ... | 115 | ... | ... | 1,036 | 21 | ... | ... | 65 | 39 | 260 | ... | ... |
| 11. Mathews County | ... | 227 | ... | ... | 1,104 | 79 | 5 | ... | 19 | ... | 205 | ... | ... |
| 12. Williamsburg | 1 | 276 | ... | ... | 2,081 | 31 | 27 | ... | 9,560 | ... | 77 | 4 | 3 |
| 13. Hopewell | ... | 167 | 1 | ... | 1,626 | 67 | 3 | ... | 79 | ... | 2 | 8 | 100 |
| 14. Walkerton | ... | 208 | ... | ... | 41,192 | 48 | 36 | ... | 158 | ... | 160 | 1 | ... |
| 15. Washingtons Birthplace | ... | 121 | ... | ... | 2,851 | 29 | 2 | ... | 21,286 | ... | 158 | ... | ... |
| 16. Brooke | ... | 126 | ... | ... | 366 | 4 | 5 | ... | 544 | ... | 3 | ... | ... |
| 17. Fort Belvoir | ... | 1,296 | ... | ... | 1,709 | ... | 62 | ... | 1,146 | ... | 77 | 2 | ... |
| 18. Central Loudoun County | ... | 698 | ... | ... | 2,047 | 1 | 12 | ... | 200 | ... | 92 | ... | 12 |
| 19. The Plains | ... | 521 | ... | ... | 111 | 44 | ... | ... | 4 | ... | 214 | ... | ... |
| 20. Manassas-Bull Run | ... | 665 | ... | ... | 134 | 36 | ... | ... | 19 | ... | 6 | ... | ... |
| 21. Nokesville | ... | 147 | ... | ... | 2,210 | 35 | ... | ... | 27 | ... | 35 | ... | ... |
| 22. Chancellorsville | ... | 61 | ... | ... | 11 | ... | ... | ... | 76 | ... | 50 | ... | ... |
| 23. Lake Anna | ... | 72 | ... | ... | 25 | 29 | ... | ... | ... | ... | 8 | ... | ... |
| 24. Gordonsville | ... | 82 | ... | ... | 126 | 7 | 108 | ... | 3,001 | ... | ... | ... | ... |
| 25. Charlottesville | ... | 220 | ... | ... | 115 | ... | 1 | ... | 507 | ... | ... | ... | ... |
| 26. Warren | ... | 134 | ... | ... | 35 | 17 | ... | ... | ... | ... | ... | ... | 6,500 |
| 27. Darlington Heights | ... | 67 | ... | ... | 70 | 35 | ... | ... | 2 | ... | 100 | ... | ... |
| 28. Banister River | ... | 67 | ... | ... | 50 | 2 | 172 | ... | 309 | ... | ... | 1 | 25 |
| 29. Lynchburg | ... | 203 | ... | ... | 2 | 17 | ... | ... | 1 | ... | ... | ... | ... |
| 30. Chatham | ... | 11 | ... | ... | ... | 15 | ... | ... | ... | ... | ... | ... | ... |
| 31. Danville | ... | 95 | ... | ... | 11 | 7 | ... | ... | 11 | ... | 11 | ... | ... |
| 32. Calmes Neck | ... | 289 | ... | ... | 51 | 75 | 11 | ... | ... | ... | 24 | ... | 28 |
| 33. N. Shenandoah Valley | ... | 390 | ... | ... | 46 | 9 | 9 | ... | ... | ... | 139 | ... | ... |
| 34. Shenandoah NP-Luray | ... | 147 | ... | ... | 292 | ... | ... | ... | 3 | ... | 7 | ... | ... |
| 35. Big Flat Mountain | ... | 8 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 36. Rockingham County | ... | 185 | ... | ... | 31 | 17 | 8 | ... | 2 | ... | 28 | ... | 64 |
| 37. Augusta County | ... | 121 | ... | ... | 4 | 24 | ... | ... | 71 | ... | ... | ... | ... |
| 38. Waynesboro | ... | 156 | ... | ... | 2 | 6 | ... | ... | ... | ... | ... | ... | ... |
| 39. Lexington | ... | 136 | ... | ... | 6 | 2 | ... | ... | 2,760 | ... | ... | ... | ... |
| 40. Peaks of Otter | ... | 16 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 41. Fincastle | ... | 93 | ... | ... | 1 | 15 | ... | ... | ... | ... | ... | 2 | ... |
| 42. Roanoke | ... | 115 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 43. Blacksburg | ... | 257 | ... | 1 | 27 | 4 | ... | 2 | ... | ... | ... | ... | ... |
| 44. Giles County | ... | 133 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 45. Tazewell | ... | 19 | ... | ... | 17 | 10 | ... | ... | 7 | ... | ... | ... | ... |
| 46. Mount Rogers-Whitetop | ... | 29 | ... | ... | ... | 5 | ... | ... | ... | ... | ... | ... | ... |
| 47. Glade Spring | ... | 86 | ... | ... | 260 | 23 | ... | ... | ... | ... | 32 | ... | ... |
| 48. Blackford | ... | 68 | ... | ... | ... | 9 | ... | ... | ... | ... | CW | ... | ... |
| 49. Bristol | ... | 118 | ... | ... | 1 | 4 | ... | ... | ... | ... | ... | ... | ... |
| 50. Buchanan County | ... | 37 | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... |
| 51. Breaks Interstate Park | ... | 58 | ... | ... | 1 | 1 | ... | ... | ... | ... | ... | ... | ... |
| 52. Wise County | ... | 51 | ... | ... | ... | CW | ... | ... | ... | ... | ... | ... | ... |
| Totals: | 1 | 8,973 | 1 | 1 | 80,985 | 886 | 485 | 2 | 46,382 | 335 | 3,795 | 21 | 6,760 |

| Species Count Circle | House Finch | Purple Finch | Pine Siskin | American Goldfinch | House Sparrow | Total individuals | Total species |
|----------------------------|----------------|-----------------|-------------|-----------------------|------------------|----------------------|------------------|
| 1. Chincoteague | 15 | ... | 20 | 65 | 88 | 61,460 | 132 |
| 2. Wachapreague | 5 | 5 | ... | 65 | 1 | 10,494 | 98 |
| 3. Nassawaddox | 13 | 2 | 4 | 174 | 12 | 15,802 | 117 |
| 4. Cape Charles | 42 | 1 | ... | 173 | 7 | 33,148 | 146 |
| 5. Chesapeake Bay | ... | ... | ... | 2 | ... | 2,740 | 31 |
| 6. Little Creek | 117 | ... | 8 | 148 | 20 | 22,765 | 129 |
| 7. Back Bay | 121 | 1 | 2 | 70 | 16 | 46,221 | 128 |
| 8. Nansemond River | 85 | 1 | 2 | 153 | 12 | 45,082 | 127 |
| 9. Dismal Swamp | ... | ... | 42 | 29 | ... | 2,090 | 69 |
| 10. Newport News | 102 | ... | ... | 157 | 86 | 16,088 | 112 |
| 11. Mathews County | 48 | ... | ... | 101 | 41 | 21,365 | 106 |
| 12. Williamsburg | 218 | 1 | 6 | 200 | 34 | 30,721 | 113 |
| 13. Hopewell | 19 | 3 | ... | 108 | 65 | 45,122 | 112 |
| 14. Walkerton | 42 | ... | 1 | 87 | 8 | 65,822 | 98 |
| 15. Washingtons Birthplace | 12 | ... | 1 | 41 | 57 | 50,267 | 102 |
| 16. Brooke | 39 | ... | 12 | 142 | 37 | 20,731 | 87 |
| 17. Fort Belvoir | 418 | 1 | 2 | 598 | 709 | 74,386 | 111 |
| 18. Central Loudoun County | 430 | ... | 13 | 449 | 334 | 46,782 | 92 |
| 19. The Plains | 185 | 4 | 3 | 318 | 116 | 17,564 | 89 |
| 20. Manassas-Bull Run | 170 | ... | 6 | 359 | 272 | 20,018 | 78 |
| 21. Nokesville | 33 | 2 | ... | 89 | 35 | 19,687 | 89 |
| 22. Chancellorsville | 51 | 1 | ... | 42 | 3 | 4,661 | 70 |
| 23. Lake Anna | 26 | 2 | 3 | 40 | 11 | 8,076 | 81 |
| 24. Gordonsville | 51 | 15 | ... | 15 | 3 | 19,802 | 65 |
| 25. Charlottesville | 76 | 11 | ... | 204 | 38 | 10,641 | 72 |
| 26. Warren | 32 | 21 | ... | 117 | 2 | 14,812 | 74 |
| 27. Darlington Heights | 22 | 6 | ... | 43 | 10 | 9,791 | 75 |
| 28. Banister River | 16 | ... | ... | 50 | 3 | 5,391 | 80 |
| 29. Lynchburg | 151 | 3 | ... | 114 | 84 | 6,338 | 75 |
| 30. Chatham | ... | ... | CW | 3 | 9 | 707 | 44 |
| 31. Danville | 48 | 32 | 12 | 27 | 19 | 4,428 | 61 |
| 32. Calmes Neck | 114 | ... | 22 | 158 | 82 | 12,639 | 88 |
| 33. N. Shenandoah Valley | 192 | 78 | 10 | 273 | 114 | 37,717 | 92 |
| 34. Shenandoah NP-Luray | 56 | 3 | ... | 115 | 51 | 8,397 | 72 |
| 35. Big Flat Mountain | ... | ... | ... | 6 | ... | 591 | 33 |
| 36. Rockingham County | 139 | 17 | ... | 190 | 238 | 10,292 | 79 |
| 37. Augusta County | 75 | 6 | ... | 101 | 235 | 9,758 | 78 |
| 38. Waynesboro | 84 | 6 | ... | 163 | 62 | 5,442 | 77 |
| 39. Lexington | 77 | 2 | 3 | 155 | 6 | 14,912 | 75 |
| 40. Peaks of Otter | ... | ... | ... | 4 | ... | 427 | 29 |
| 41. Fincastle | 91 | 4 | 6 | 52 | 5 | 3,336 | 71 |
| 42. Roanoke | 40 | 2 | ... | 18 | 5 | 2,444 | 57 |
| 43. Blacksburg | 109 | 6 | ... | 175 | 47 | 8,420 | 84 |
| 44. Giles County | 28 | 2 | 2 | 34 | 13 | 1,814 | 56 |
| 45. Tazewell | 23 | ... | 27 | 34 | 117 | 2,086 | 66 |
| 46. Mount Rogers-Whitetop | ... | ... | 6 | 37 | ... | 1,119 | 42 |
| 47. Glade Spring | 20 | 2 | ... | 66 | 29 | 6,437 | 74 |
| 48. Blackford | 10 | 4 | ... | 180 | 43 | 5,495 | 65 |
| 49. Bristol | 34 | ... | ... | 66 | 25 | 14,643 | 74 |
| 50. Buchanan County | 16 | CW | 10 | 44 | ... | 687 | 37 |
| 51. Breaks Interstate Park | 23 | ... | ... | 61 | ... | 1,167 | 60 |
| 52. Wise County | 8 | 1 | ... | 58 | 22 | 1,620 | 50 |
| Totals: | 3,726 | 245 | 223 | 6,173 | 3,226 | 902,445 | 217 |

Table 2. Data Collection Methods and Conditions (Page 1 of 3)

| Count Circle | Count Date | No. Observers | Min. No. Parties | Max. No. Parties | No. feeder observers | Hrs. at Feeders | Hrs. Owling | Km Owling | Hrs. on Foot | Hrs. by Car | Hrs. by Motor Boat | Hrs. by non-motorized boat | Total Party Hrs. |
|----------------------------|------------|---------------|------------------|------------------|----------------------|-----------------|-------------|-----------|--------------|-------------|--------------------|----------------------------|------------------|
| 1. Chincoteague | Dec 29 | 36 | 16 | 16 | 2 | 4.0 | 2.0 | 3.2 | 43.0 | 41.0 | ... | ... | 84.0 |
| 2. Wachapreague | Dec 19 | 18 | 11 | 12 | 1 | 1.0 | 0.5 | 0.8 | 15.0 | 62.0 | ... | ... | 77.0 |
| 3. Nassawaddox | Dec 20 | 23 | 7 | 9 | ... | ... | 2.0 | 8.0 | 44.0 | 25.0 | 6.0 | ... | 75.0 |
| 4. Cape Charles | Dec 30 | 49 | 10 | 21 | ... | ... | 8.0 | 11.3 | 50.0 | 32.0 | 5.0 | ... | 87.0 |
| 5. Chesapeake Bay | Dec 26 | 2 | 1 | 1 | ... | ... | ... | ... | 7.5 | 0.5 | ... | ... | 8.0 |
| 6. Little Creek | Dec 31 | 21 | 10 | 13 | ... | ... | 4.5 | 27.4 | 71.0 | 14.0 | ... | ... | 85.0 |
| 7. Back Bay | Dec 29 | 27 | 10 | 15 | ... | ... | 5.5 | 48.3 | 60.0 | 23.0 | ... | ... | 83.0 |
| 8. Nansemond River | Jan 02 | 32 | 11 | 13 | 2 | 8.5 | 6.5 | 51.5 | 76.5 | 33.0 | 4.0 | ... | 113.5 |
| 9. Dismal Swamp | Dec 16 | 9 | 5 | 5 | ... | ... | 2.0 | 1.6 | 12.0 | 15.0 | ... | ... | 27.0 |
| 10. Newport News | Dec 19 | 44 | 13 | 16 | 3 | 4.5 | 2.5 | 26.6 | 63.5 | 43.0 | ... | ... | 106.5 |
| 11. Mathews County | Jan 03 | 44 | 18 | 18 | ... | ... | 2.0 | 22.5 | 64.0 | 67.0 | ... | ... | 132.0 |
| 12. Williamsburg | Dec 20 | 73 | 21 | 28 | 28 | 34.5 | 6.0 | 24.9 | 109.0 | 39.0 | ... | 0.5 | 148.5 |
| 13. Hopewell | Dec 20 | 50 | 15 | 17 | 1 | 0.5 | 6.0 | 20.1 | 87.0 | 44.0 | 1.5 | ... | 132.5 |
| 14. Walkerton | Jan 03 | 39 | 6 | 10 | ... | ... | 7.5 | 60.4 | 51.0 | 38.5 | 5.0 | ... | 94.5 |
| 15. Washingtons Birthplace | Dec 20 | 18 | 6 | 8 | ... | ... | 3.0 | 32.2 | 31.0 | 29.0 | ... | ... | 60.0 |
| 16. Brooke | Dec 15 | 31 | 10 | 19 | 4 | 3.0 | ... | ... | 67.0 | 46.0 | ... | ... | 113.0 |
| 17. Fort Belvoir | Jan 03 | 194 | 63 | 64 | 8 | 14.0 | 23.5 | 75.6 | 315.0 | 52.0 | ... | ... | 367.0 |
| 18. Central Loudoun County | Dec 29 | 110 | 25 | 29 | 1 | 1.0 | 1.5 | 0.0 | 124.0 | 74.0 | ... | ... | 198.0 |
| 19. The Plains | Dec 20 | 45 | 9 | 13 | ... | ... | ... | ... | 65.0 | 73.0 | ... | ... | 138.0 |
| 20. Manassas-Bull Run | Dec 20 | 129 | 35 | 35 | 1 | 3.0 | 3.5 | 0.00 | 159.0 | 37.0 | ... | ... | 196.0 |
| 21. Nokesville | Dec 27 | 45 | 10 | 11 | ... | ... | ... | ... | 32.0 | 21.0 | ... | ... | 53.0 |
| 22. Chancellorsville | Jan 03 | 26 | 11 | 11 | 2 | 9.0 | 3.5 | 12.9 | 37.5 | 25.0 | ... | 1.5 | 64.0 |
| 23. Lake Anna | Jan 03 | 22 | 6 | 6 | ... | ... | 6.0 | 43.5 | 14.0 | 30.0 | ... | ... | 44.0 |
| 24. Gordonsville | Dec 20 | 23 | 6 | 6 | 3 | 2.0 | ... | ... | 12.5 | 34.0 | ... | ... | 46.5 |
| 25. Charlottesville | Dec 20 | 42 | 14 | 15 | 2 | 5.0 | 1.0 | 0.00 | 98.0 | 13.0 | ... | 4.5 | 115.5 |
| 26. Warren | Jan 03 | 18 | 9 | 9 | ... | ... | ... | ... | 59.0 | 17.0 | ... | ... | 76.0 |
| 27. Darlington Heights | Jan 03 | 23 | 4 | 4 | ... | ... | 20.5 | 33.0 | 15.5 | 25.5 | ... | ... | 41.0 |
| 28. Banister River | Dec 20 | 9 | 5 | 5 | 1 | 2.0 | 4.0 | 20.1 | 30.5 | 10.0 | ... | ... | 40.5 |
| 29. Lynchburg | Dec 19 | 38 | 13 | 13 | 4 | 4.0 | 6.0 | 20.9 | 42.0 | 45.0 | ... | ... | 87.0 |
| 30. Chatham | Jan 04 | 1 | 1 | 1 | 1 | 0.5 | ... | ... | 1.5 | 6.5 | ... | ... | 8.0 |
| 31. Danville | Dec 26 | 12 | 5 | 10 | 4 | 3.0 | ... | ... | 11.0 | 17.0 | ... | ... | 28.0 |
| 32. Calmes Neck | Jan 02 | 50 | 15 | 18 | 2 | 4.0 | 2.0 | 8.0 | 76.0 | 123.0 | ... | ... | 199.0 |
| 33. N. Shenandoah Valley | Dec 19 | 60 | 18 | 18 | 2 | 8.0 | 7.0 | 53.1 | 65.0 | 114.0 | ... | 4.0 | 183.0 |
| 34. Shenandoah NP-Luray | Dec 20 | 23 | 8 | 10 | 4 | 10.0 | 1.5 | 0.0 | 29.5 | 35.0 | ... | 8.0 | 72.5 |
| 35. Big Flat Mountain | Dec 27 | 9 | 6 | 6 | ... | ... | 0.5 | 0.0 | 33.0 | 3.0 | ... | ... | 36.0 |
| 36. Rockingham County | Dec 19 | 33 | 1 | 11 | 11 | 15.5 | 4.0 | 30.6 | 13.5 | 57.0 | ... | ... | 70.5 |
| 37. Augusta County | Dec 19 | 22 | 8 | 8 | 4 | 4.0 | 2.0 | 32.2 | 4.0 | 45.0 | ... | ... | 49.0 |
| 38. Waynesboro | Jan 02 | 30 | 12 | 12 | 3 | 8.0 | 1.0 | 9.7 | 26.0 | 53.0 | ... | ... | 79.0 |
| 39. Lexington | Dec 9 | 28 | 1 | 17 | 3 | 4.0 | 1.5 | 20.9 | 51.5 | 36.5 | ... | ... | 88.0 |
| 40. Peaks of Otter | Dec 27 | 11 | 5 | 5 | ... | ... | ... | ... | 9.0 | 8.0 | ... | ... | 17.0 |
| 41. Fincastle | Dec 20 | 23 | 10 | 10 | ... | ... | ... | ... | 21.0 | 30.0 | ... | ... | 51.0 |
| 42. Roanoke | Dec 19 | 22 | 1 | 11 | ... | ... | ... | ... | 33.0 | 16.0 | ... | ... | 49.0 |
| 43. Blacksburg | Dec 19 | 61 | 19 | 21 | 16 | 48.0 | 6.0 | 30.6 | 72.0 | 46.0 | ... | ... | 118.0 |
| 44. Giles County | Dec 27 | 20 | 6 | 6 | 2 | 6.0 | 2.0 | 16.1 | 20.0 | 22.0 | ... | ... | 42.0 |
| 45. Tazewell | Dec 29 | 8 | 5 | 5 | ... | ... | ... | ... | 2.0 | 40.0 | ... | ... | 42.0 |
| 46. Mount Rogers-Whitetop | Jan 02 | 11 | 3 | 3 | 1 | 0.5 | ... | ... | 3.0 | 17.0 | ... | ... | 20.0 |
| 47. Glade Spring | Jan 02 | 18 | 7 | 7 | ... | ... | 2.0 | 0.0 | 12.0 | 44.5 | ... | ... | 56.5 |
| 48. Blackford | Jan 2 | 14 | 5 | 5 | ... | ... | 3.0 | 48.3 | 2.0 | 60.0 | ... | ... | 62.0 |
| 49. Bristol | Dec 27 | 18 | 6 | 6 | ... | ... | 3.0 | 45.1 | 25.5 | 27.0 | ... | ... | 52.5 |
| 50. Buchanan County | Dec 19 | 11 | 3 | 3 | ... | ... | ... | ... | 3.0 | 18.0 | ... | ... | 21.0 |
| 51. Breaks Interstate Park | Dec 18 | 8 | 3 | 3 | 1 | 2.0 | 0.00 | 0.0 | 2.0 | 10.0 | ... | ... | 12.0 |
| 52. Wise County | Dec 19 | 12 | 8 | 8 | ... | ... | ... | ... | 17.0 | 30.0 | ... | ... | 47.0 |
| Totals: | ... | 1,745 | 536 | 646 | 117 | 209.5 | 163.0 | 521.5 | 2,388.0 | 1,867.0 | 21.5 | 18.5 | 4,296.0 |

Table 2. Data Collection Methods and Conditions (Page 2 of 3)

| Count Circle | Km on Foot | Km by car | Km by motor boat | Km by non-motorized boat | Total party Km | Time count started | Time count ended | Low Temp. (deg. C) | High Temp. (deg. C) | Wind direction | Wind speed (m/s) | Water conditions |
|----------------------------|------------|-----------|------------------|--------------------------|----------------|--------------------|------------------|--------------------|---------------------|----------------|------------------|------------------|
| 1. Chincoteague | 65.98 | 275.20 | ... | ... | 341.18 | 0600 | 1700 | 12.8 | 20 | NE | 0.9-12.1 | WOP |
| 2. Wachapreague | 27.36 | 784.55 | ... | ... | 811.91 | 0630 | 1630 | 0.0 | 13.3 | W | 2.2-13.4 | WOP |
| 3. Nassawadox | 41.84 | 217.26 | 48.28 | ... | 307.38 | 0700 | 1730 | -2.2 | 8.9 | CALM | ... | WOP |
| 4. Cape Charles | 78.86 | 384.63 | 40.23 | ... | 503.72 | 0530 | 1730 | 12.8 | 16.1 | NE | 0-6.7 | WOP |
| 5. Chesapeake Bay | 1.61 | 4.83 | ... | ... | 6.44 | 0700 | 1500 | 10.6 | 15.0 | NE | 0.4 | WOP |
| 6. Little Creek | 43.45 | 374.98 | ... | ... | 418.43 | 0445 | 1715 | 11.7 | 13.3 | NW | 0-3.6 | WOP |
| 7. Back Bay | 57.94 | 540.74 | ... | ... | 598.67 | 0500 | 1730 | 17.8 | 23.9 | SW | 2.2-11.2 | WOP |
| 8. Nansemond River | 53.11 | 641.32 | 45.06 | ... | 739.49 | 0500 | 1715 | 2.2 | 11.1 | N | 0-4.5 | WOP |
| 9. Dismal Swamp | 12.87 | 78.86 | ... | ... | 91.73 | 0730 | 1630 | 7.8 | 18.9 | N | 0-5.4 | WOP |
| 10. Newport News | 74.83 | 424.06 | ... | ... | 498.90 | 0730 | 1500 | 1.7 | 8.9 | NE | 4.5-8.0 | WOP |
| 11. Mathews County | 65.18 | 660.63 | ... | ... | 729.03 | 0530 | 1730 | 0.0 | 12.8 | W | 3.6-6.3 | WOP |
| 12. Williamsburg | 157.72 | 486.83 | ... | 3.22 | 647.76 | 0400 | 1700 | -1.1 | 11.1 | S | 0-4.0 | WOP |
| 13. Hopewell | 72.42 | 210.82 | 2.41 | ... | 285.66 | 0530 | 1730 | -3.9 | 9.4 | SE | 0.9-5.8 | SPE, MWO |
| 14. Walkerton | 44.26 | 651.78 | 16.09 | ... | 712.13 | 0400 | 1830 | -3.3 | 12.2 | SW | 0-4.5 | WOP |
| 15. Washingtons Birthplace | 20.12 | 403.94 | ... | ... | 424.06 | 0645 | 1730 | -3.3 | 10.0 | SW | 0-4.5 | SPE, MWO |
| 16. Brooke | 65.98 | 312.21 | ... | ... | 378.19 | 0630 | 1700 | 6.1 | 20.0 | NW | 0-7.2 | WOP |
| 17. Fort Belvoir | 370.15 | 333.13 | ... | ... | 703.28 | 0400 | 1900 | -2.2 | 12.2 | N | 0-2.2 | SPO, MWO |
| 18. Central Loudoun County | 165.76 | 914.91 | ... | ... | 1,080.67 | 0630 | 1745 | 3.9 | 11.7 | N | 1.8-4.0 | WOP |
| 19. The Plains | 6.44 | 92.54 | ... | ... | 98.97 | 1200 | 1730 | -7.8 | 3.9 | CALM | ... | WOP |
| 20. Manassas-Bull Run | 218.87 | 489.24 | ... | ... | 708.11 | 0545 | 1800 | -4.4 | 7.8 | SW | 0-6.7 | WOP |
| 21. Nokesville | 51.50 | 259.10 | ... | ... | 310.60 | 0700 | 1600 | 10.6 | 21.1 | SW | 2.2-14.3 | WOP |
| 22. Chancellorsville | 36.21 | 482.80 | ... | 0.80 | 519.82 | 0600 | 1700 | -3.3 | 12.2 | V | 0-3.1 | WOP |
| 23. Lake Anna | 12.07 | 453.03 | ... | ... | 465.10 | 0500 | 1630 | -2.8 | 11.1 | SW | 2.2-4.5 | CLR |
| 24. Gordonsville | 20.92 | 548.78 | ... | ... | 569.71 | 0715 | 1700 | 1.7 | 12.8 | SW | 2.2-6.7 | WOP |
| 25. Charlottesville | 99.78 | 246.23 | ... | 6.44 | 352.45 | 0630 | 1745 | -1.1 | 11.1 | S | 2.2-4.5 | MWO, SPE |
| 26. Warren | 83.69 | 399.12 | ... | ... | 482.80 | 645 | 1900 | -6.7 | 12.8 | UNK | 0-2.2 | WOP |
| 27. Darlington Heights | 13.68 | 497.29 | ... | ... | 510.97 | 0500 | 1700 | 1.7 | 11.1 | W | 0-1.8 | WOP |
| 28. Banister River | 32.19 | 123.92 | ... | ... | 156.11 | 0500 | 1730 | -3.9 | 10.0 | SW | 0-2.2 | WOP |
| 29. Lynchburg | 50.69 | 497.29 | ... | ... | 547.98 | 0500 | 2000 | -2.8 | 7.8 | SW | 1.3-7.2 | WOP |
| 30. Chatham | 3.22 | 202.78 | ... | ... | 206.00 | 0730 | 1715 | -2.8 | 6.1 | NW | 4.0-10.7 | WOP |
| 31. Danville | 28.97 | 247.84 | ... | ... | 276.81 | 0600 | 1900 | 15.0 | 18.3 | NE | 2.2-5.4 | WOP |
| 32. Calmes Neck | 111.04 | 783.75 | ... | ... | 894.79 | 0500 | 1700 | -1.1 | 5.0 | SW | 0-4.5 | WOP |
| 33. N. Shenandoah Valley | 83.69 | 939.85 | ... | 8.05 | 1,031.59 | 0615 | 1700 | -2.2 | 6.7 | CALM | ... | WOP |
| 34. Shenandoah NP-Luray | 46.67 | 343.59 | ... | 22.53 | 412.80 | 0600 | 1730 | -3.9 | 11.1 | N | 0-2.2 | SPE, MWO |
| 35. Big Flat Mountain | 50.69 | 85.30 | ... | ... | 135.99 | 0630 | 1700 | 8.3 | 23.9 | S | 2.2-9.4 | WOP |
| 36. Rockingham County | 8.05 | 711.33 | ... | ... | 719.37 | 0530 | 1630 | -4.4 | 8.3 | W | 0.9-6.7 | SPE, MWO |
| 37. Augusta County | 8.05 | 815.94 | ... | ... | 823.98 | 0500 | 1700 | -6.1 | 5.6 | NW | 3.6-5.4 | WOP |
| 38. Waynesboro | 33.80 | 724.20 | ... | ... | 758.00 | 0630 | 1800 | -2.8 | 9.4 | SW | 2.2-8.9 | SPE, MWO |
| 39. Lexington | 83.69 | 349.23 | ... | ... | 432.91 | 0600 | 1730 | -2.8 | 5.6 | SW | 0-8.9 | WOP |
| 40. Peaks of Otter | 8.05 | 24.14 | ... | ... | 32.19 | 0730 | 1200 | 10.0 | 18.3 | V | V | WOP |
| 41. Fincastle | 33.80 | 365.32 | ... | ... | 399.12 | 0530 | 1530 | -3.3 | 6.7 | NW | 0.4-1.3 | WOP |
| 42. Roanoke | 46.67 | 178.64 | ... | ... | 225.31 | 0730 | 1600 | -2.2 | 6.7 | NW | 4.5-6.7 | WOP |
| 43. Blacksburg | 106.22 | 534.30 | ... | ... | 640.52 | 0530 | 1800 | -5.0 | 4.4 | W | 4.0-13.0 | SWF, MWO |
| 44. Giles County | 25.75 | 408.77 | ... | ... | 434.52 | 0700 | 1630 | 15.6 | 23.3 | CALM | ... | WOP |
| 45. Tazewell | 4.83 | 395.90 | ... | ... | 400.73 | 0730 | 1800 | 3.9 | 16.1 | NW | 1.3-2.2 | WOP |
| 46. Mount Rogers-Whitetop | 3.22 | 307.38 | ... | ... | 310.60 | 0830 | 1700 | -4.4 | 6.1 | UNK | ... | WOP |
| 47. Glade Spring | 17.70 | 552.00 | ... | ... | 569.71 | 0600 | 1730 | -3.9 | 5.0 | UNK | 0-4.5 | SPE, MWO |
| 48. Blackford | 16.90 | 552.00 | ... | ... | 568.90 | 0430 | 1900 | -0.6 | 12.2 | E | 0.4-1.8 | WOP |
| 49. Bristol | 24.14 | 557.64 | ... | ... | 581.78 | 0715 | 1730 | 11.7 | 25.0 | SW | 0-6.7 | WOP |
| 50. Buchanan County | 4.83 | 337.16 | ... | ... | 341.98 | 0700 | 1730 | -4.4 | 5.6 | CALM | ... | UNK |
| 51. Breaks Interstate Park | 22.53 | 212.43 | ... | ... | 234.96 | 0600 | 1800 | -1.1 | 1.7 | SW | 4.5-11.2 | WOP |
| 52. Wise County | 28.97 | 352.45 | ... | ... | 381.41 | 0715 | 1715 | -5.0 | 5.0 | CALM | ... | WOP |
| Totals: | 2,846.92 | 21,771.96 | 152.08 | 41.04 | 24,815.22 | ... | ... | ... | ... | ... | ... | ... |

Table 2. Data Collection Methods and Conditions (Page 3 of 3)

| Count Circle | A.M Skies | P.M. Skies | Compiler | Primary Compiler's E-mail | Secondary Compiler | Sponsors & Organizations |
|----------------------------|-----------|------------|---------------------|----------------------------|--------------------|--|
| 1. Chincoteague | FOG, HLR | FOG, LNR | Kevin Holcomb | kevin_holcomb@fws.gov | ... | Chincoteague NWR, Chincoteague Natural History Association |
| 2. Wachapreague | CLR | CLR | Marilyn Ailes | imailes@verizon.net | Irvin Ailes | ... |
| 3. Nassawaddox | CLR | PCD | Henry Armistead | harryarmistead@hotmail.com | ... | Coastal Virginia Wildlife Observatory |
| 4. Cape Charles | CLD | CLD, HVR | Henry Armistead | harryarmistead@hotmail.com | ... | Coastal Virginia Wildlife Observatory |
| 5. Chesapeake Bay | FOG | FOG | Ned Brinkley | thalassoica@gmail.com | ... | ... |
| 6. Little Creek | CLD | CLD, HVR | Paul Sykes | jjsykes@charter.net | Steve Holzman | Cape Henry Audubon Society |
| 7. Back Bay | CLD, LGR | PCD, LGR | Paul Sykes | jjsykes@charter.net | ... | Cape Henry Audubon Society |
| 8. Nansemond River | CLR | CLR | Robert Ake | rake@cox.net | ... | Cape Henry Audubon Society |
| 9. Dismal Swamp | CLR | CLR | Donald Schwab | vacanebrake@yahoo.com | ... | Great Dismal Swamp Coalition |
| 10. Newport News | PCD | CLR | Nancy Gruttan-Tyler | gruttmantyler@gmail.com | WilliamBoeh | Hampton Roads Bird Club |
| 11. Mathews County | PCD | PCD | Joyce Mckelvey | mathewsbirdcount@yahoo.com | Don Mckelvey | ... |
| 12. Williamsburg | CLR | CLR | Bill Williams | billwilliams154@gmail.com | Jim Corliss | Williamsburg Bird Club |
| 13. Hopewell | CLR | CLD | Arun Bose | arun1bose@gmail.com | ... | Richmond Audubon Society |
| 14. Walkerton | CLR | PCD | Frederick Atwood | fredatwood@yahoo.com | ... | ... |
| 15. Washingtons Birthplace | FOG | CLR | William Portlock | portlock@bealenet.com | ... | ... |
| 16. Brooke | PCD | CLR | Odette James | o.b.james@verizon.net | ... | ... |
| 17. Fort Belvoir | CLR | CLR | Kurt Gaskill | kurtcapt87@verizon.net | ... | One Good Tern |
| 18. Central Loudoun County | FOG, LGR | CLD | Joseph Coleman | joecoleman@rstarmail.com | ... | Loudoun Wildlife Conservancy |
| 19. The Plains | CLR | CLR | Perri Rothemich | prothemich@gmail.cm | Todd Day | ... |
| 20. Manassas-Bull Run | PCR | CLR | Robert Shipman | ships333@yahoo.com | ... | Audubon Society of Northern Virginia |
| 21. Nokesville | PCD | CLR | Kim Hosen | khosen@pwconserve.org | ... | Prince William Conservation Alliance |
| 22. Chancellorsville | CLR | CLR | Beverly Arnold | catbirds@verizon.net | ... | Fredericksburg Bird Club |
| 23. Lake Anna | CLR | CLR | Michael Boatwright | mboater@att.net | ... | ... |
| 24. Gordonsville | CLD, LGR | CLD | Buzz Van Santvoord | vansantvoord@verizon.net | ... | ... |
| 25. Charlottesville | CLR | CLR | Jennifer Gaden | jengaden@gmail.com | ... | Monticello Bird Club |
| 26. Warren | CLR | CLR | Allen Hale | super@buteobooks.com | ... | Monticello Bird Club |
| 27. Darlington Heights | CLD | CLR | Carolyn Wells | cwells@kinex.net | ... | Margaret Watson Bird Club |
| 28. Banister River | CLR | PCD | Jeffrey C. Blalock | jcbabirder@gcronline.com | ... | ... |
| 29. Lynchburg | CLR | CLR | John Styrsky | styrsky.j@lynchburg.edu | ... | Lynchburg Bird Club |
| 30. Chatham | CLR | PCR | Mary Foster | chathambirds08@hotmail.com | ... | Southside Bird Club |
| 31. Danville | PCD | PCD, LGR | Laura Meder | laura.meder@averett.edu | ... | ... |
| 32. Calmes Neck | CLR | CLR | Margaret Wester | margaretwester@hotmail.com | ... | Shenandoah Audubon |
| 33. N. Shenandoah Valley | PCR | PCD | Charles Hagan | naturetrekr@gmail.com | Larry Frey | Lord Fairfax Community College |
| 34. Shenandoah NP-Luray | CLR | PCD | Alan Williams | alanbwill@gmail.com | ... | ... |
| 35. Big Flat Mountain | CLR | CLR | Tom Wieboldt | thos.wieboldt@gmail.com | George Barlow | ... |
| 36. Rockingham County | CLR | CLR | William Benish | wcbenish@comcast.net | ... | Rockingham County Bird Club |
| 37. Augusta County | CLR | CLR | Allen Lerner | larnersky@mindspring.com | ... | Augusta Bird Club |
| 38. Waynesboro | CLR | PCD | Crista Cabe | cristacabe@gmail.com | ... | Augusta Bird Club |
| 39. Lexington | CLR | CLR | Dick Rowe | rowera@vmi.edu | ... | Rockbridge Bird Club |
| 40. Peaks of Otter | FOG, CLD | PCD | Kent Davis | kedjr@cox.net | ... | Roanoke Valley Bird Club |
| 41. Fincastle | PCD | PCD | Barry Kinzie | peckerridge@ntelos.net | ... | Woodpecker Nature Nature, NRV Bird Club |
| 42. Roanoke | PCR | PCR | William Hunley | wjhunley@gmail.com | ... | ... |
| 43. Blacksburg | CLR | CLR | Patricia Polentz | polentz@va.net | Bruce Grimes | New River Valley Bird Club |
| 44. Giles County | PCD | PCD | Bill Opengari | alcyon1@hughes.net | ... | ... |
| 45. Tazewell | CLD | CLD | Sarah Cromer | cromersml@gmail.com | ... | ... |
| 46. Mount Rogers-Whitetop | CLR | CLR | Allen Boynton | allenboynton@twc.com | ... | Blue Ridge Birders |
| 47. Glade Spring | CLR | CLR | Ronald Harrington | roneharrin@bvu.net | ... | ... |
| 48. Blackford | CLR | CLR | Robert Riggs | bob26@insight.rr.com | ... | ... |
| 49. Bristol | CLR | PCD | Richard Lewis | mountainbirds@gmail.com | ... | ... |
| 50. Buchanan County | CLR | CLR | Lynda Mayhorn | lsmayhorn@gmail.com | ... | Buchanan County Bird Club |
| 51. Breaks Interstate Park | CLD, LRS | CLD | David Raines | rainbrk@hughes.net | ... | ... |
| 52. Wise County | CLR | CLR | Randy Stanley | randy_stanley@comcast.net | ... | ... |

INFORMATION FOR CONTRIBUTORS

The Raven, the official journal of the Virginia Society of Ornithology (VSO), functions to publish original contributions and original review articles in ornithology relating to Virginia Birdlife. Electronic files are the required form for manuscript submission. Text files, prepared using a Mac OS-compatible word processing program or Microsoft® Word, should contain minimal formatting. Graphics (photos, maps, graphs, charts) should be sent as high quality EPS or JPEG files. An accompanying "cover letter" file should be emailed to the editor stating (1) article title, (2) author(s) full name(s) and email and home or institutional address(es) and, for multi-authored manuscripts, (3) the name of one author designated to carry out correspondence with the editor. If the manuscript or report is technical, a list of persons who would be appropriate reviewers should also be included in the "cover letter" file. Authors are encouraged to consult with the editor on additional matters of content, format, or style.

Most Manuscripts published in *The Raven* concern the distribution, abundance and migration of birds in Virginia. However, if there is evidence of summer residency in Virginia provided, manuscripts describing the distribution, abundance, life history, ecology and behavior of Virginia's migrant birds on their wintering grounds are also welcome. Manuscripts on other ornithological topics, including Virginia-based historical reviews, bibliographical reviews, life histories, and behavioral observations, are also welcomed. In addition, the journal serves to publish the official proceedings of the VSO and other formal items pertaining to all aspects of the Society's activities. *The Raven* may also publish articles pertaining to the activities of various public and private organizations engaged in biological and conservation work in Virginia. *The Raven* is a peer-reviewed journal; all feature articles and short communications are reviewed before a decision about acceptance for publication is made.

Format of *The Raven* generally follows guidelines set by the Council for Biology Editors as outlined in the *CBE style manual, 6th edition, 1994* (Council of Biology Editors, Inc., 11250 Roger Bacon Dr., Reston, VA 20190). Recent volumes of *The Raven* should be inspected for style. Vernacular and scientific names of birds should be those in the most recent edition (and supplement) of the A.O.U.'s Check-list of North American Birds (www.aou.org/checklist/north). Scientific names should be italicized. All size, temperature and other measurements should be in metric units.

