

Marketing Plan FY21-FY23

Office of Communications, Marketing and Digital Engagement Presented to NCWRC Education Committee - April 2021

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Acronyms

CMDE Communications, Marketing and Digital Engagement

NCWRC North Carolina Wildlife Resources Commission

UA Code Universal Analytics Code WINC Wildlife in North Carolina

Executive Summary

Wildlife in North Carolina (WINC) magazine promotes the work of the N.C. Wildlife Resources Commission (NCWRC) by illustrating its conservation efforts for North Carolina's wildlife resources as well as showcasing the opportunity and access provided to enjoy wildlife-associated outdoor recreation.

The NCWRC has been producing WINC magazine for more than 70 years, see **Appendix A: History of Wildlife in North Carolina** for high-level milestones. Over that time, due to major advances in technology and the advent of the Internet, traditional methods of content distribution have been upended. The magazine industry has seen a reduction in two major sources of revenue, circulation and ad revenue, while the costs of production, printing and dissemination remain. Advertisers are also being drawn away from paid hard print ads towards Internet-based advertising, as it offers a way to target precise demographics for a much smaller cost.

For years, the NCWRC has been operating WINC at a significant loss. NCWRC has struggled to effectively cut costs associated with WINC and to generate revenue and increased subscribers. Although the agency does not expect to profit from the publication, it is not sustainable to continue publishing WINC with the deficit it generates. NCWRC's 19-member board of Commissioners' Education Committee tasked staff to create a marketing plan aiming to make WINC sustainable.

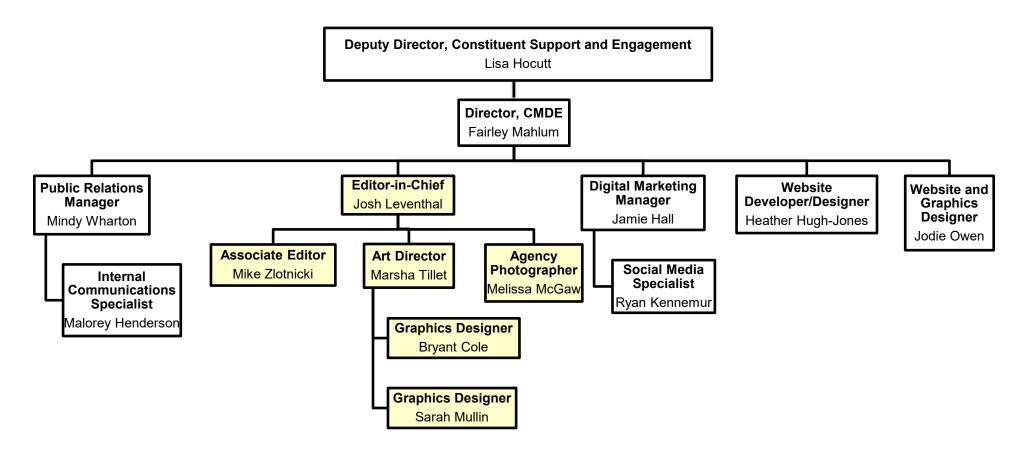
WINC faces pressing issues including a dwindling subscriber base and loss of revenue coupled with expenditures that far exceed any funds generated. To work towards a sustainable future, the magazine needs a reevaluation of its current business model to decrease expenditures through identifying cost cutting measures and to increase revenue by implementing aggressive, data driven marketing campaigns to increase circulation, subscription sales and generate advertising revenue.

The goal of this marketing plan is to focus primarily on process improvement with problem solving, and potentially implementation of program initiation that provides a strategy to cut expenditures and increase revenues. Clear goals and tactics are needed along with a process to implement evaluation of the business model so the agency can leverage its strengths and resources.

The operating costs need to be reduced significantly and revenue generated needs to increase in order to remain sustainable. Additionally, the digital version of WINC needs to be enhanced to differentiate it from the printed publication and should demonstrate how it provides added value to supplement what can be found in the printed version.

Management and Organization

On February 1, 2021, WINC was transitioned from the Wildlife Education Division to the Office of Communications, Marketing and Digital Engagement (CMDE). This restructure resulted in all of the agency's communication tools now residing in one office allowing for greater synergy and collaboration. After this transition, CMDE began an evaluation of all aspects of the magazine from content to financials in an effort to reduce expenditures and increase subscribers/ revenues.



Competitors

Entering its 84th year of publication (<u>complete digital archive</u>), WINC's long standing history as a North Carolina-based publication about conservation and outdoor recreation fomented its credibility. Due to the unique content WINC can provide about public opportunity and ongoing conservation efforts of the Commission, WINC can continue to stand out from its direct and indirect competitors, listed below. Due to the sheer scope and magnitude of the agency's myriad of conservation initiatives and publicly available wildlife-associated outdoor recreation opportunities offered, WINC fills a niche and void no other publication can.

Direct Competitors

Magazines

- Carolina Sportsman print and digital magazine; formerly NC Sportsman and SC Sportsman. carolinasportsman.com
- **Game and Fish/South** Pennsylvania-based editorial offices; formerly NC Game and Fish and other state-specific publications; now four regions.
- **Fishermen's Post** Wilmington-based print and digital magazine; focus on saltwater fishing. <u>fishermanspost.com</u>

Indirect Competitors

Magazines

- Our State Greensboro-based; print and digital magazine; primarily non-outdoors content but includes some outdoor-related articles. ourstate.com
- **Garden & Gun** Charleston-based; sections dedicated to <u>Land & Conservation</u>, <u>The Sporting Life</u> and <u>Good Dogs</u> and highlights items in individual Southern states. gardenandgun.com
- **Western North Carolina** Asheville-based; includes some outdoor-associate recreation content. wncmagazine.com
- **Blue Ridge Outdoors** Based in Asheville and Charlottesville; includes fishing content. <u>blueridgeoutdoors.com</u>
- Coastwatch publication of non-profit North Carolina Sea Grant; published quarterly; no advertising; content covers mainly science and conservation. https://ncseagrant.ncsu.edu/coastwatch/
- **Tidelines** Raleigh-based; digital newsletter; published by non-profit Coastal Conservation Association of NC. ccanc.org
- **Wild Lives, Wild Places** Raleigh-based, quarterly publication; non-profit N.C. Wildlife Federation

Digital News

- Outer Banks Voice Nags Head-based; digital news service. <u>outerbanksvoice.com</u>
- **Island Free Press** Hatteras-based; digital news service for Hatteras and Ocracoke <u>islandfreepress.org</u>

e-Magazine

• Coastal Carolina Fisherman – Carolina Beach-based; e-magazine; covers NC, SC and N. Ga. coastalcarolinafisherman.com

Circulation, Customers and Advertisers

Current Circulation - March 2021

Print Subscriptions

 Paid:
 26,826

 Complimentary:
 3,236

 Lifetime:
 12,889

 Total:
 42,951

Digital Subscriptions

Paid: 1,283

<u>Complementary: 1,816</u> **Total: 2,650**

Blue = Increase since Oct. 2020 Red = Decrease since Oct. 2020

Customers

- Paid Subscribers:
 - o Print
 - Digital
 - o Lifetime
- Complementary:
 - o Print:
 - State Legislators
 - Commissioners: Current and retired Commissioners
 - Government Services: State agencies and related individuals
 - Wildlife Organizations: Other state wildlife magazines, local and national agencies, parks and related individuals
 - Personnel: NCWRC current and retired personnel who request a subscription
 - Digital:
 - Schools
 - Teachers

Advertisers

Advertisers – To reduce the budget in 2022 by \$79K, the decision was made in February 2021 to eliminate the Fall and Spring Guides. Ads have previously only been sold for the guides. Moving forward WINC will produce six issues a year with eight additional pages added that will be used for additional content and potentially advertisements*.

*A cost-benefit analysis will be conducted that will determine the various amounts and packages that can be asked for advertising across all agency communication platforms. See **Appendix B: Advertising Rate Card Example**. The opportunity to offer advertising across six issues will likely lead to more ad sales than the one-off sales that occurred historically for each guide.

Consider offering advertiser perks by level of monetary commitment, such as external links to advertisers' sites; feature advertiser products in have quarterly contests and giveaways; include in-feed ads on WINC web pages; and/or sponsored and branded content.

Subscriptions and Digital Edition

Subscription Rates

- Print Only \$12*
- Digital Only \$10
- Print and Digital \$15

*The subscription rate has not been adjusted since 2003, when the price was raised from \$7.50 to \$12. As a result of that price increase, circulation decreased from 70,600 to 53,000 over the next five years. It was suspected the decline was as a result of a lack of marketing and subscriber follow-up to mitigate the effects of the price increase. Once we have worked through the marketing plan and redesign within the three-year term of the plan, we will evaluate the pricing to determine if WINC is at the right price point for the product that we're providing and make adjustments, as necessary.

Subscription Variety

Increase variety of subscription options offered to include print, digital, gift, trial, single issue, year and multi-year. Promotions can be tailored around various bundle strategies. For example:

- Lapsed print subscribers could be offered a free single digital magazine issue with a subscription offer.
- Existing subscribers could be rewarded in some fashion for every reader they bring in with free issues or subscription.

Digital Edition

The magazine launched a digital edition in September 2017 as an additional subscription option. The digital edition is an enhanced PDF version of the magazine that subscribers receive via email. The digital edition should offer bonus content, like hyperlinks to other stories, video and photo galleries. Currently several years of WINC are accessible via the digital platform, but we can continue to bring in content to build out the archive on the digital platform.

Garnering Additional Data

A call was convened with BlueToad, the digital publication vendor to discuss available features on the platform. After that meeting, we provided a UA code for the digital version's website so we can track additional website analytics within the agency's Google Analytics account. This expands on the data the vendor tracks and will aid in data-based decision-making. We can adapt promotional strategies to improve conversion rates, in part, based on this additional data.

WINC YouTube Channel

In March 2021, the agency created and built out a <u>YouTube channel</u>, specifically for the magazine, that will feed directly into the digital platform as bonus content for digital subscribers.

2022 Planning

Editorial Calendar

On February 22, 2021, a meeting was held with the Director's Office to provide staff direction on content for WINC overall as well as the 2022 editorial calendar with a goal of pursuing content that supports the agency mission and strategic plan. Meetings were then held with within the agency to generate story ideas and concepts for the 2022 editorial calendar:

•	Law Enforcement Division	March 11
•	Wildlife Management Division	March 15
•	Engineering Division	March 16
•	Inland Fisheries Division	March 16
•	Land and Water Access Division	March 17
•	Wildlife Interactions and Regulated Activities and Permits Office	March 19
•	Wildlife Education Division	March 22
•	Conservation Policy and Analysis Office	March 24
•	Habitat Conservation Division	March 25

Staff were directed to devise a 2022 editorial calendar with content stemming primarily from within the agency to reduce the use of freelancers to the greatest extent possible. The culmination of these efforts resulted in 166 story ideas. Given per year 42 feature articles will be featured in WINC, that is the equivalent of enough content to fill nearly 4 years of feature stories.

Rebranding

Approximately every decade, the magazine reviews content sections and undergoes a redesign. The last redesign occurred 17 years ago in 2004. The time since the last redesign in combination with the additional eight pages, due to the elimination of the guides, will culminate into a redesign in 2022. See **Appendix C: 2022 Redesign Samples**.

Vendors

InfoNet* – Subscription management and marketing/promotions CDS – Customer fulfillment company outsourced through InfoNet contract PBM – Printer (contract to expire March 2022) BlueToad – Host of digital version of the magazine

*The Infonet marketing contract was set to expire March 2021. We extended the contract by 90 days, as we plan meetings with new vendors to hopefully revisit all the subscription management, customer fulfillment, printing and potentially advertising sales under one umbrella.

Marketing Promotions

Content alone is not enough to achieve more readers or higher subscription rates. Data analysis is key to increasing promotional efforts. Through tracking and analysis of all marketing efforts, we can double-down on those efforts that are most successful. We will consider opportunities to market WINC subscription to every license buyer as well as using WINC as an incentive for license purchasing. For example, when one completes hunter education, a free digital subscription could be offered in conjunction with a license purchase. If we were to pursue advertising as a source of revenue, we could consider offering agency license holders a free, one-year digital subscription to increase circulation numbers and, in return, request more advertising dollars due to a higher reach and larger subscriber base.

Monthly

Expiring subscribers - Renewal notices*

*Research steps to employ automatic renewals for print subscribers. The subscriber would receive a notice prior to the subscription renewal. Auto-renewals are currently conducted for digital edition subscribers and we have received no complaints.

NC Wildlife Update E-newsletter (Monthly to more than 1.1 million subscribers) – Subscription promotions and/or special offers.

Social Media (Bi-monthly, Mid-month) – Showcase magazine cover, tease free article and offer subscription promotions and/or special offers.

Seasonal

Dixie Deer Classic (March) – Special subscription rate offer/raffle.

Turkey Hunting Workshops (March/April) – Provide sample magazines and promote magazine subscription.

Getting Started Outdoors Workshops (March – May) – Offer complimentary one-year subscription to participants and follow up with renewal letter as subscription ends.

Peak Season Mailings (June – Sept) – Promotional flyer inserted into mailings to NCWRC constituents tied to giveaway multiple drawings offering numerous chances to win.

Gift Subscription Promotion (Sept.) – Begin gift subscription promotion. We currently sell roughly 5,000 gift subscriptions annually. Either offer a discounted subscription (1 year for \$10) to give as a gift or bulk subscription discounts if providing as a gift to multiple people.

N.C. State Fair (Sept./Oct.) - Subscription sales promotion at agency exhibit.

Thanksgiving (Nov.) – Promote combo offer (WINC and calendar for \$15) one-week only leading up to Thanksgiving.

Holidays (Dec.) – Last-minute holiday gift promotion.

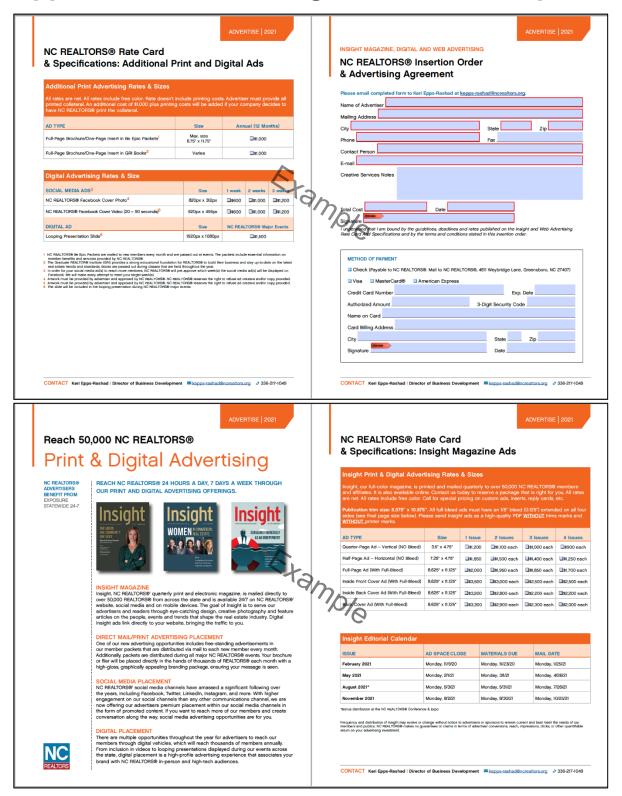
Yearly

WINC Photo Competition - Promote subscriptions sales tied to publicity of winners. **North Carolina State Employees –** Offer subscription promotion to 130,000 state employees through the N.C. Office of State Human Resources email.

Appendix A: History of Wildlife in North Carolina

1937	First issue Wildlife Management in North Carolina debuts in November.
1947	N.C. Wildlife Resources Commission was established.
1948	Began publishing monthly in September.
2004	Last redesign of the magazine.
2009	Subscriber survey conducted to evaluate potential changes to the magazine.
2012	Switched to a bi-monthly schedule and creation of the Spring Fishing and Boating Guide and the Fall Outdoor Guide.
2017	Launch of Wildlife in North Carolina Digital edition.
2020	Subscriber survey was conducted.
2021	Eliminated Spring Fishing and Boating and Fall Outdoor Guides.
2022	Begin producing 6 issues per year with 8 additional pages of content.

Appendix B: Advertising Rate Card Example



PROOFS TO ADVERTISERS

Ads prepared from artwork will be solely at the advertiser's falk unless sufficient time is allowed to furnish proofs for approval. When PDF proof is required, artwork must be in the hands of the publisher two weeks preceding the ad space deadline.

Advertisers are solely responsible for submission of copy. The advertiser and/or its agency will indemnify and hold the Publisher harmless from and against libel, violation of privacy plaginarism, copyright infringement or any other cause. Publisher reserves the right to reject any advertising. Publisher shall own all advertising for which it has provided design and/or copywriting services.

PLACEMENT
Higher contracted frequency takes precedence on placement. However, premium positions will be guaranteed at the quoted rates, pace permitting.

STORING OF MATERIALS

STORING OF MATERIALS
All final advertising files will be stored for six months and then deleted or destroyed.

NC REALTORS® Insertion Order & Advertising **Agreement: Standard Terms & Conditions**

NC REALTORS®, with its principal office at 4511 Weybridge Lane, Greensboro, North Carolina (hereafter called the Publisher), reserves the right to approve all advertising copy and the right to reject any advertisement that is contracted for placement in Insight. All insertion Order & Advertising Agreements are subject to acceptance by the Publisher, and upon such acceptance, without further notice to the such acceptance, without further notice to the customer, the Insertion Order & Advertising Agreement becomes valid and is governed by the laws of North Carolina.

laws of North Carolina.

Advertising Policy
The Publisher will not be bound by conditions on other contracts or insertion orders that may be other contracts or insertion orders that may be all advertisement instructions must be submitted on the Insight Insertion Order & Advertising Agreement. The Publisher reserves the right to amend or revise rates, serms and conditions of this agreement upon 60 days written notice. If said amendments are not acceptable to the advertiser, the advertiser may be written notice to the Publisher prior to the effective date of the objective of the publisher prior to the effective date of the publisher provided the provided prior to the effective date of the publisher prior to the effective date of the

Ad Materials Responsibility in the event the advertiser falls to supply admaterials by the closing date, the Publisher reserves the right to repeat a previous advertisement. Advertisers who reserve space and fall to supply ad material are still liable for all costs regardless of what material is substituted in its place. Final ad materials will be stored for six months and destroyed thereafter, unless written request for the return of materials is provided upon ad submission.

Copy Acceptance
Advertising copy furnished by the advertiser
shall be in a form acceptable to the Publisher.
Publisher reserves the right to edit or reject
any advertising it finds, in its sole discretion, to
be inappropriate, misleading or objectionable.

Advertising that resembles editorial shall be marked "Advertisement" at the top of the ad in not less than 10-point type.

Advertiser's Responsibility
All advertisements are accepted and published
by the Published upon the representation that the
schemitter and/or agency is authorized to publish
the entire contents and subject matter thereof. The
adventiser agrees to indemnify and hold the Publisher
harmless from and against any loss resulting from
claims or suits of defemation, libel, violation of privacy,
plagiarism, copyright infringement or any other cause.

Advertising Design & Production
All ad material shall be submitted in accordance
with the Publisher's Advertising and Production
Specifications, as set forth on the Publisher's current
Rate Card And Specifications. The Publisher reserves
the right to adjust the size of ads that do not conform
to required dimensions, exclude advertisements from
certain pages, and control position of all ads.

Billing
Prepayment is required for new clients. A signed contract and payment for the first insertion are due by the first closing date, with the ad. Subsequent insertions will be billed upon publication. Invoices are net and payable upon receipt unless otherwise noted, invoices rendered will be accepted as correct days of billing date. Payment will be made direct to the Publisher at the address on the front of this agreement. Accounts delinquent 30 days will be charged interest at the rate of deversal on the result of the contents of the publishers and the publication. The advertiser and/or agency default or otherwise be late in payment of advertising invoices, from the publication. The advertiser and/or agency will forfix any and all payments previously made toward the purchase of solid advertisement.

In the event advertiser and/or agency default or are otherwise late in payment of bills, advertiser and/or agency shall be totally lable for all fees and sums of collections, including but not limited to, reasonable attorney's fees and court costs incurred by the Publisher in the collection of said bills, in such event, the Publisher in the collection of said bills, in such event, the Publisher seevers the right to either terminate

CONTACT Keri Epps-Rashad | Director of Business Development ■kepps-rashad@ncrealtors.org → 336-217-1049

NC REALTORS® Rate Card:

DIGITAL FILES
High-resolution PDF files with embedded fonts and artwork requested. Please DO NOT include trim marks or printer marks in the PDF file. Files not supplied in proper format will be corrected at the advertiser's expense or new files requested from the advertiser's expense or new files requested from the advertiser.

All embedded artwork/links, i.e. placed graphics, photographs, logos should be at least 300 dpi at final scale.

RATES
All Tates are non-commissionable and are based on artwork being provided ready for publication. Rates are subject to change with 60 days written notice. Advertising ordered at frequency discount rates and not earned within a 12-month period will be rebilled at the earned rate.

PRODUCTION CHARGES
Ad creation, typesetting, composition, and artwork will be done as needed and charged to the client. Clients will have production charges quoted on an individual basis.

General Guidelines & Policies

NC REALTORS® Insertion Order & Advertising Agreement: Standard Terms & Conditions Continued

this Agreement or to enforce this agreement pursuant to the terms set forth. Venue for any judicial proceeding concerning enforcement or any provisions of this contract, including any action of nonpayment, shall be in Guilford County, North Carolina.

Digital Advertising Billing
Pre-payment is required for all digital advertisement placement.

Cancellations
Cancellations must be in writing and are not considered accepted until confirming by the Publisher. There is a \$500 cancellation for for the adjustment of the a

Errors and Omissions in the event of an error or omission of advertising copy or an advertisement for any reason, it is the advertiser's personability to notify the Publisher, in writing and within seven days after delivery or print or electronic megazine. Publisher's liability will not exceed the return of revenue for the ad space. Any adjustments will be based on percentage of ad or message affected. Publisher is not responsible for errors in key numbers. It is not responsible for errors in key numbers devertisely profile of errors in key numbers devertisely profile. The publisher is not responsible for errors in key numbers devertisely profile. In no event shall the Publisher be liable for incidental or consequential damages incurred by advertiser in the event of any error or omission by the Publisher.

Performance
Publisher shall not be held responsible for damages for failure to circulate any issue or for delays distributing said issue. The advertiser shall be entitled to a complete refund of monies paid if the Publisher fails to distribute the issue covered by this Agreement. No discount of advertisers monies shall be paid for delays

beyond the Publisher's control, including delays caused by production and distribution, Performance by the Publisher shall be contingent upon evaluability of materials and labor, and no interruption by acts of God/nature, notics, warder, government laws or regulations, vendor delays, and/or conditions beyond the Publishers control in no event shall Publisher be liable for incidental or consequential damages incurred by the advertiser for faillair to distribute or the delay in distributing an issue.

Miscollaneous
The Publisher may assign its rights, duties, and other
obligations under this agreement to any corporation
or other entity that becomes the publisher of the
contracted publication. This Agreement shall be
binding upon and shall ensure to the benefit of the
successors and assigns of the advertiser. In the event
that the advertiser ceases to exist or operate then this
Agreement will terminate as of said date, except that
in the event the principals of the advertiser thereafter
the same from an abortion dissolution, this Agreement
shall define the properties of the same than the same from
the same from as before dissolution, this Agreement
shall define any according to the same that the same from the same from

This Agreement shall terminate after the last insertion, as set forth in this Agreement, is published provided that the Publisher may terminate this Agreement at any time if it ceases to publish the contracted publication.

This Agreement sets forth the entire agreement between the parties hereto and shell be construed under the laws of the state of Nort Carolina. Any waiver by the Publisher of any breach of this Agreement by the advertiser, or any default in payment by the advertiser, or any default in payment by the advertiser, or any default in the payment by the advertiser, or any because of any prior or subsequent breach or default of the same or any other provision of this Agreement.

CONTACT Kerl Epps-Rashad I Director of Business Development ■kepps-rashad@ncrealtors.org → 336-217-1049

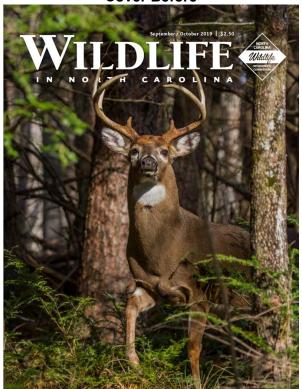
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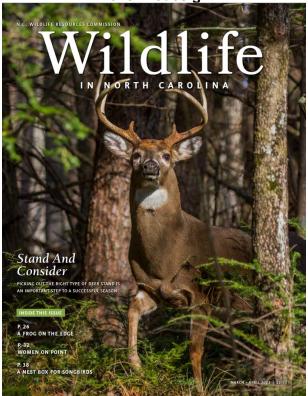
→ 336-217-1049

Appendix C: 2022 Redesign Samples

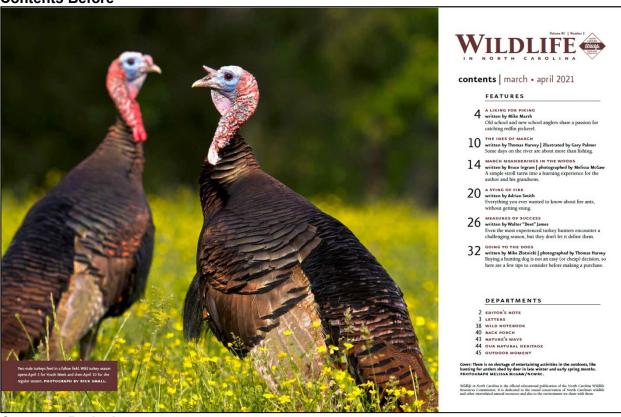
Cover Before



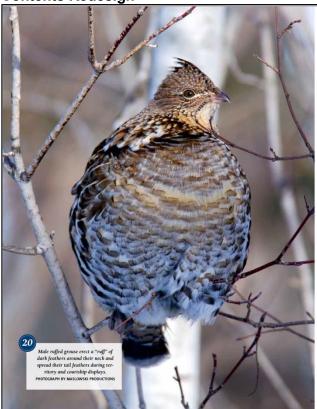
Cover Redesign



Contents Before



Contents Redesign



Contents MARCH - APRIL 2021

Features

12 LIFE BENEATH CAROLINA WATERS
written and photographed by Todd Pusser
From brook lamprey to blue whales, the Coastal Plain is rich in aquatic diversity.

20 IN SEARCH OF GROUSE

written by Mike Zlotnicki - photographed by Thomas Harvey
Even for experienced upland hunters, the "king of game birds"
can be an elusive quarry.

26 A FROG ON THE EDGE
written by Jeff Hall - photographed by Melisaa McGaw
The N.C. Wildlife Resources Commission leaps into action to help
save the gopher frog.

32 WOMEN ON POINT
written by Mike Zlotnicki - photographed by Thomas Harvey
A new breed of dog handlers is discovering trials and tests for their can

38 BUILD A NEST BOX FOR SONGBIRDS written by F. Eugene Hester - photographed by Melissa McGaw Cavity-dwellers like bluebirds, titmice and wrens will be attracted to these hou

40 WILD & TASTY
recipe by Claft Bafows - photographed by Thomas Harvey
Looking for something tasty on a cold winter night? Cheft Bafows is here to help
with a delicious venison French onton soup recipe.

42 IN FROM THE COLD

42 IN FROM THE COLD
written and photographed by Todd Pusser
Each winter, volunteers work with state and federal employees to give
cold-stunned sea turtles a helping hand.

Departments

- 2 EDITOR'S NOTE
- 3 LETTERS
 4 OUTDOOR MOMENT
- 6 NEWS AND NOTES
 46 WILD NOTEBOOK
 51 NATURE'S WAYS
- 52 OUR NATURAL HERITAGE

On The Cover: Cutline text to go here and can be longer if needed to fill the space. Wild trout in North Carolina's high-elevation mountain streams. PHOTOGRAPH BY TODD PUSSER









Letters Before



EDITOR'S NOTE

I not only takes a village to raise a child, but publishing a magazine also requires the help of extra hands. Each issue of Wildlife in North Carolina features contributions from our extended magazine family, from the insightful switing of Clyde Soremson in Natural Heritage. Our magazine staff of isx couldn't do it without their help and that of several others.

Longitume readers of the magazine should be familiar with the name Anne Runyon. After more than three decades of contributing illustrations and artwork to the magazine and other publications produced by the N.C. Wildlife Resources Commission, Runyon has decided to retire. She will be missed, but she left a (watercolor) mark on the magazine that will not be forgotted by the N.C. Wildlife Resources Commission, Runyon has decided to retire. She will be missed, but she left a (watercolor) mark on the magazine that will not be forgotted by the N.C. Wildlife in North Carolina. She contributed to our Wild Notechook section geared for elementary school-aged readers since it became a regular part of the magazine in the 1990s. She eventually look over production of the section, not only doing most of the illustrations for the various topics, but also creating the entertaining activities included in each one.

Like me, Runyon is originally from Washington, D.C., where she managed to immense herself in the outdoors and wildlife despite growing up in an urban setting. She moved to North Carolina with the rhushand in the early 1980s to be closer to family and settled in Wendell. Already established as an artist, Runyon was introduced to sid Banies, a neighbor and chief of the Commission's Conservation and Education Division. He connected her with the magazine, and the risk is history, in a diddition to be row with WINC, Runyon illustrated the Wild Pleces' book published by the Commission in 1993.

'I have genutney enjoyed all of the various things I have done with the Commis-

addition to her work with WINC, Runyon illustrated the "Wild Places" book published by the Commission in 1903.

"I have genuinely enjoyed all of the various things I have done with the Commission, It's been a final adventure," Runyon said. "The examination of our nature here in North Carolina is endlessly fascinating, It's important that people learn about these plants and animals so they can work to preserve them."

Last year, Runyon published her own illustrated children's book, "Longneedle," which chronicles North Carolinas haural shistory through the lens of a longled pine tree that sprouted in 1096. It details the history of longleaf pine forests and the conservation efforts in place to preserve them. It is available at Quail Ridge Books and online through UNC Press.



Wilde is North Carolina (2004 0485-0885) is published eight time a year by the N.C. Wildels Roseware Commissions, 173. The property of the Carolina (2004 0485-0885) is published eight time a year by the N.C. Wildels Roseware Commissions, 173. The State years \$1.0 in year years \$1.0 in years \$1



NORTH CAROLINA WILDLIFE RESOURCES COMMISSION David W. Hoyk, P. Dalta, Chairman leaty R. Cramp Sockinghan, Vice Chairma Thomas A. Berry Greenboor Verson (Ray) Giften, Jr. Clarkon James Cagelli Nerwood John T. Coley W. Holly Springs Mark R. Craig Creentono Kally N. Davis Swan Quaree Richael Gewards Wilmiggon



To subscribe to Wildlife in North Caroline magazine call 1-800-786-2721 or visit newildlife.org



Ruffed Grouse Curriculum

I enjoyed the article on the elusive ruffed grouse ("In Search of Grouse") in the Novem ber/December 2020 issue of Wildlife in North Corollina. Your readers might be interested to know that there has been at least one attempt

over vocember 2020 issue of Wildfiff in North Corollin. Your readers might be interested to know that there has been at least one attempt to raise the appears commercially in the state. For the party of the control of the Mindele Good of the Mind

in history of game birds and game animals, the relation of forests to gen, the methods of propagating the varieties on species, recycle and sold as a popicid to game birds, an experience of their central, game leves and eightests, and eithers. The definition of their central game leves and eithers. The definition of the mapping of the central properties in the original game purpose of the dome farm in to rescribe their mountains with the were once her in elumination.

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Gene Spears, Professor Emeritus Banner Elk

Appreciation For Raver

Appreciation For Raver
As a fellow artist, usaw sery happy to see
Dann Raver's chronicle of his life among the
fines and Wildligh north Carollac Ford
Cast. November/December 2020). His childhood memory of eathing his first fails
and memory of eathing his first fails
and the second participal of the color
and the containing his first fails
and the second of the color of Hildligh in first
sit lip airting wonderful images at sage 93
is truly a well-deserved gift. He is fortunate,

LETTERS FROM READERS

and we are fortunate to apprience his world during these many years.

I believe Durin's involvement with Willife in North Citabili on one of the flow they predient weighted in North Citabili on one of the flow they weighted my own or any other artist I have seen in the magazine, I brink I did my first Willife in North Corollic cover while attending at shool in Philadephia (I'm now 86), but Duran predates my magger efforts with cover, I willife Calebank, and editor of the magazine, Perhaps only an artist can appreciate the effort involved in his type of science of the seen of the seen of the production of the production. Country the production of the production country to the production of the production. Country the production of the production of the production of the production. Country the production of the

Herps at Home

My 15-year-old son reads the magazine from cover to heat and is always eached when they arrive in the mail. We like in Eastern Northformation and the second of the second to the second of the second to the sec

We Want Your Feedback We Want Your Feedback
Do you have a comment about content in
Wildlife in North Carolina? Questions about
something you read or have seen? Send us an
e-mail at letters@nowildlife.org. If you want
follow readers to know your opinion, this is
the place. If you want an expert to answer
your question, we will do our best to help.
We hope to hear from you!

MARCH + APRIL 2021 WINC 3

Letters

Letters Redesign

Editor's Note

hances are you have already flipped to the back of the magazine to see what adventures Jim Dean has in store for us. This has been the regular reading practice for so many Wallfig in North Canolina regulars, whose path through the magazine always begins with Jim Dean (I have the letters and emails to prove IL). This is our first some wifton at now "Our Natural Hertiage" column since Jim's unexpected death last November. His passing came as a shock to his family and friends, including us. Jim had visited the office just days before, in search of contact information for a reader who had sent him a kind letter. Jim wanted to personally

friends, including us. Jim had visited the office just days before, in search of contact information for a reader who had sent him a kind letter. Jim awanted to personally thank him.

Jim's column will continue to run in its usual space for the rest of the year, as we feature some of our favorities from his 40 years of writing. "Our Natural Heritage." If you haven't already checked out Jim's column this issue, please take a moment to do so and then come back to us. Done? Good.

"The Laughing Place's usus up what made Jim such a good writer. He made you think and laugh all at once, gently poking fin at himself and others while waxing philosophically without sounding like a fortune cooke." Say, don't agile," is my favorite line from the story, a wonderful way to raise the topic of keeping your wants in perspective. Jim had a knack for shipping his points into a story instead of beating you over the head with them, like this one at the end of a paragraph describing lide at his mountain calibr." It is to an attute to embrace obsessions so hearity that we crush them beyond recognition?

"The Laughing Flace' is but one example of Jim's latent from a career's worth of "The Laughing Flace' is but one or a finel acome secret? Past tasees of Whillige to North Carolina are realible to read online. Except for the most recent two years every issue of WinX's included in the state therapy. North Carolina Digital Collections at the property of the control of the control of the state therapy. North Carolina for Collections at the property of the control of the control of the state therapy. North Carolina for Collections at the property of the control of the co

VOLUME 85 • NUMBER 2

STATE OF HORTH CAROLINA ROY COOPER GOVERNOR

RESOURCES COMMISSION
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FOLLOW US ON SOCIAL MEDIA f⊌©⊞

Great news! @ncwidlife biologists documented a record number of wood stork colonies this year. The boom in nesting numbers is thought to be a result of ideal weather conditions and ongoing collaborative conservation efforts. Photo by Annika Anderssen.

@DAVE_G_W
Any significant negative impact due to hurricane Dorian?

The nest looks so small for such large birds. Great picl

GET THE N.C. WILDLIFE UPDATE! SIGN UP AT NCWILDLIFE.ORG/ENEWS.



AFTER FURTHER REVIEW.

AFTER FURTHER REVIEW...
While always repoying the photography in the WINC magazine, I especially look forward to the photo competitions. Birds First Flue (glm, First Flue (glm, First Flue) glm, First Flue (glm, First Flue) and place, but I believe it to be a great white eger. Note the thick, stark yellow bill and very black legs. The snowy egers has a slender black bill, dark legs with plelow feet.
Thank you for the many pleasant hours I enjoy perssing each and every issue.

[subth Cook]

Judith Cook

Judith's keen eye is correct, and Kirk Pullen's wonderful photo on page 6 of the last issue is in fact a great white egret. We regret the egret error.

OUR FAVORITE BIRD

I very much enjoyed the article "On the Trail of Timberdoodles" by Mike Zlotnicki [January/February 2018] as it took me back to my childhood as it took me back to my childhood days of hunting woodcock with my dad. Growing up in Raleigh back in the late stutes and early seventies, my dad would take me dove hunting down in the very large Crabtree Creek flood plain area behind the old IBM building off of the betline. It was inside the city limits but there were no businesses around there back then and it was a vast area of wetland.

One evening, as we were walking

One evening, as we were walking out at dusk from dove hunting, we



saw these birds flying around very rratically, which intr After some research, he determined they were woodcock and very good they were considered to descript the second of the second

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Carroll Valley, Pa.

MARCH - APRIL 2021 WINC 3

Outdoor Moment Before

Cabins in the Sky

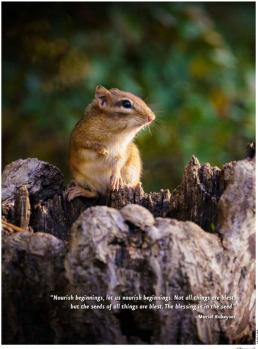
In the hearts of many anglers and hunters glows the desire for a cabin, a little place in the woods or by a stream to escape the grayness of life. Some of fortunate few achieve that goal, most of us do not Even II we don't, its entertaining and comforting for fortunate few achieve that goal, most of us do not Even II we don't, its entertaining and comforting for fortunate few achieve that goal, most of us do not Even II we don't, its entertaining and comforting for the more place to the fortunate few achieve that goal, most offer more distinct the more but not buttorious. A claim are worn or a faunct handle turns gast the stop or you have to pull on the kitchen door just so tools it properly, moet of those things matter, as long as the place is warm in temperature and atmospher of the place is warm in temperature and atmospher and has senough from too more around a latt.

Some little things are quintessential for doct—out hand has enough from too more around a latt.

Some little things are quintessential for doct—out hand has enough from too more around a latt.

Some little things are quintessential for doct—out hand has enough a some discussion of the public outdoorsmen. It are specifically that have kept doubt a some dock doctors placed around, an old box of Peters shought and the cabin. The late jim Dean, the former editor of Wallidgi, in North Carolina, was a cabin connotiseur. Once the counted the number of cabins he had owned, restrict the care is book about Frenchman's Pond and the cabin. The late jim Dean, the former editor of Wallidgi, in North Carolina, was a cabin connotiseur. Once the counted the number of cabins he had owned, restrict the counter of the number of cabins he had owned, restrict the counter of the number of cabins he had owned, restrict the care is gove, but it was upwards of a doctor. Alfee he restrict, and the restrict the care is a construction of the cabin, or shade it is a some of the cabin of the cabin

OUR NATURAL HERITAGE



OUTDOOR MOMENT

"I still wonder about that place. If a cabin, or shack, can have terroir, as wine does, then that place was

Outdoor Moment Redesign



OUTDOOR MOMENT

One evening, as we were walking out at dusk from dove hunting, we saw these birds flying around very centracilally, which miniged my lather. Alter some research, he determined they were woodcook and very good table fair. He learned that they fly right at dusk looking for a spot to roost for the night. Soon after that we went down there about 500 and walked out into the thickly wooded marshy area and wailed. Soon we heard the whistling sound of flying woodcock all around us and my dad shot two or three.

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back porch



Introducing North Carolina's Newest Critter: The Carolina Sandhills Salamander

A lready recognized as having more sal-amander species than any other state, North Carolina recently raised its total to 64 with the discovery of a new one. Meet the Carolina Sandhills salamander (Eury-

North Calonia recently rased is sout to do with the discovery of a new one. Meet of with the discovery of a new one. Meet of with the discovery of a new one. Meet of a control of the discovery of a new of the discovery of a new of the discovery of a new of the discovery of the

Sandhills, an area he described as "the best of whats left in North Carolina" because its extensive game lands and Fort Bragg have preserved a longleaf pine ecosystem that once stretched from southeast Virginia to Florida.

to Florida.

Carolina Sondhills salamunder specimens were located and collected in Harnett, Hoke, Montgamery, Moore, Richmand, Roborn, Selthenda, Roborn and Sondhard counties. "Almost every known speciment of the new species is boused in our collection, with just a handful of individuals at a few other museums," said co-author Jeff Beane, collections unanger for herpteslogy at the museum and a frequent contributor to Wildlife in North

Carolina. "No records are yet known from South Carolina, but we have a record in North Carolina that is only two miles from the state line, so it gets close." The salamander has been added to the W3 Watch List by the North Carolina Nat-

W3 Warch List by the North Carolina Nat-ural Heritage Program and night be significant for protection in the future. This research also shows that there are other undescribed species in this complex that ward description, even some that occur in North Carolina, "said liyan Stuart, be Wascum's research cutaror of hepetagy and the lead author on the paper." So, there is definitely more to do with two-lined sal-amanders in the state."



Hunters and Anglers Flocked to the Outdoors in 2020

People of the Old North State have bee flocking outdoors at a historic rate over

I flocking outdoors at a historic rate over the past year, facidin part by the COVID-19 pandemic which has led to more folks working from home, being schooled at home and, unfortunately, some losing their plos. Fishing, hunting and combination license sales last year exceeded prior year sales, according to North Carolina Wildlife Resources Commission data. License reve-men increased more than 20 percent during that time period, and vessel revenue was up more than 10 percent.

"I certainly believe that the beckdowns and social dissuance requirements from the

"I certainly believe that the beddowns and social distancing requirements from the COVID pandemic led people to the out-one," and life all floward, chief of the Commission's Wildlife Management Division. We saw at lot of reactivation of folls who had dirtled away from hunting and fishing due to other demands and hobbies pulling on their time. I also think, and I believe prepared as algorithm of the commission of the properties of the proper

that getting out to hunt and fish was something that they may have previously considered but never took the leap. The pandemic strictions give them the motivation that they are the striction of the leap. The pandemic conceal the other distractions return, 'he said.

The 2020 spring turkey season high-lighted this increased participation. Turkey harvest increased 29 septemt statewide compared to the previous there-year average strings new records of 29.413 leak. As want plust adults active in the enudeors. Increase in harvests during the work-long youth season.

The increase in license sales benefits the important work done by the N.C. Wildlife Resources Commission, including game land management and other wildlife concervation programs.

"Since the NCWRC is a receipt clunded agency, any increase in those receipts cer-

our necess sases cast with support, mat we experienced a significant increase in new participants based on first-time sales of hunting and fishing licenses."

Howard said that be thinks people wanted an activity during licts time when so may other things were canceled, and they saw



state, any increase in that number also provides for an increase in the amount of ideral funds available for management, is this increase for one year or will we see these folls saty committed to these committed to the committed of the committed to the committe

Donate to Protect Wildlife at Tax Time

and Endangered Widdle Fund (NGEWF), found on the 30 of your North Carolina state income as in August (NGEWF), found on the 30 of your North Carolina state income as the North Carolina State in the North Carolina State i

NATURE'S WAYS

3/(2000)

CALENDAR OF EVENTS

Due to COVID-19 outbreak, many events have been canceled. Be sure to confirm that events are being held before attending.

held before standing.

SAVERDON, MARCH 27

The John F. Pechman Fishing Education Fishing Fishing Fishing Fishing Fishing Fishing Fishing Fishing Workshop designed to teach families with children 7 years old and older the basic skills needed to go fishing. This workshop is an active, hands-on learning experience for all family members lishing on the Pechmann Center's stocked ponds. During this three-hour workshop, families learn how to cost a space-sea with, set up a babing outfit to the first possible for the properties of the first possible for the first possible for the first possible for the first possible for good for the first possible for first possible for the first possible for the first possible for first possible for the first possible for the first possible for fi

SATURDAY, APRIL 3

The town of Blowing Rock will hold its annual Trout Derby. The Derby begins at suririse and ends at 9 pm. Trout are eligible for entry if caught from any body of water in Watuage County. For more information, visit blowingrock.com/

LIFETIME LICENSES

LIFETIME LICENSES

Intégo contex validate for faces presentions. In 19th, sworts, angless and validate enthusiases. In 19th, sworts, angless and validate enthusiases bearene sharedness in an insocractive investment and conservation program called the North Carolina Widliffe fachowmers Fund.
Today, the commission has 19 different lifetime licenses in few descripted: Infant, Youth, the commission has 10 different lifetime licenses in few exceptions: Infant, Youth, and the commission has a simple produced to the control of the c

Commission Establishes New Harvest Season For Striped Bass on the Roanoke

The N.C. Wildlife Resources Commission issued a proclamation outlining significant changes to the 2021 striped bass harvest season in the Roanoke River Management Area. Striped bass open harvest dates will be:



Management Area. Striped bass open harvest dates will be:

• April 10–16 in the lower river zone (downstream of the U.S. Highway 228 bridge at Scotland Necks to the mouth at Albemarle Sound.)

• April 24–30 in the upper river zone (upstream of the Highway U.S. 228 bridge at Scotland Necks to the base of Roonelo Epaghs Sam) when the harvest quote in the Campage to the season flumework became ancessars when the harvest quote in the Campage to the season flumework became ancessary when the harvest quote in the Campage to the season flumework became ancessary conservation action intended to reducible the striped base population. Results from a 2020 stock assessment of the Roanobe River/Albemarle Sound conducted by the N.C. Division of Martine Fabriers, with assistance from the Commission, indicated that the stock was overfished and overfishing was occurring. "We identified the days where harvest was historically the highest in each area of the river. Although the timing of fish migration into the river is different each spring, daily aversed during the two weekly periods elected averaged between 700 and 1,300 pounds of striped bass per day," and Commission Cosstal Fisheries Supervisor Chad Thomas. Size limits and daily cred limits will remain the same. During the two separate harvest periods, the minimum length limit is 18 Inches, and no striped loss between 22 and 27 moly on of which may be larger than 17 inches.

Despite the shortened barvest season, anglers can continue to catch and release extracts best throught the area feeds of the continue to catch and release extracts when the commission of the continue to catch and release extracts best throught the string. To reduce handling stress on fish that are released,

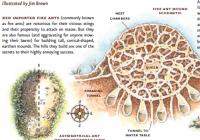
only one of which may be larger than 27 inches.

Despite the shortmed harvest season, anglers can continue to catch and release striped hass throughout the spring. To reduce handling stress on fish that are released, the Commission recommends anglers use a single barbles book or a lure with a single barbles book, a requirement from April 1 through June 30 when fishing in the upper Resmoke New zone above the U.S. Highway 258 bridge next Souland Neck.

Trout Unlimited Leads Davidson River Improvement Project

ast August, two Trout Unlimited (TU) Chapters—Fisgah (Brevard) and Bocky River (Charlotte)—partnered with the U.S. Fish and Wildlife Service, the N.C. Wildlife Resources Commission, TU Embrace-A Stream Program and the Trout and Salmon Stream Control of the Program of the Trout and Salmon Stream Control of the Program of the Trout and Salmon Stream Control of the Program of the Trout and Salmon Stream Control of the Program of the Program

Why Do Red Imported Fire Ants Build Such Tall Nests?





If the mound is completely submerged by floodwaters, the ants will make a raft of their living bodies, with the queen in the middle and the brood on the top. The ants will difft until they this something above the water they can use as a temporary bivouac. This is a useful adaptation in their native home, the



Back Porch Redesign to News & Notes

News & Notes

News & Notes

Biologists Make a 'Golden' Discovery



Biologists with the N.C. Wildlife Resources Commission discovered gold-en-winged wardlern using newly logged areas, or timber harvest units, on the Nantshala National Forest in Grham County last spring, Gold-en-winged wardlers are state listed as special concern and the new-tropical ingratory songhirts have declined by 97 percent in the Appalachans since the 1960s. They continue to decline at 8 percent annually. Golden-winged wardlers seek young forest conditions within a large forested landscape, both in the United States and on their winter-ing grounds in South America.

TIPS, TRICKS & ADVICE

The holiday season means different things for different people. For hunters, the annual holiday hurs is just as much a part of the holiday ritual. As Roort Larollinains venture into the woods this month, the Commission's Home From The Hunt.¹⁰⁰ campaign reminds hunters to follow basic hunting safety guidelines.

Here are three tips for hunters to consider before heading outdoors:

consider before heading outdoors:

—Take time to review hunter education trieling and equipment instructions.

—Repair or replace faulty equipment before use.

—Wear of Juli-body safety harness and maintain three points of contact while climbing.

Following these tips will go a long way to keeping you and your loved ones accident-free during your holiday hunt.

Turkey Harvest Near Record Level, Deer Harvest Down

2018-2019 NORTH CAROLINA REPORTED DEER HARVEST

13,029 29,787

14,621 31,106 18,519 40,648 13,386 30,794 3,432 11,194

1,292

T ar Heel wild turkey hunters had a hanner season last spring. Hunters reported 18,730 turkeys last year, including 1,478 birds that were taken during the youth season. This season's harvest was the second-highest recorded and was only slightly below the record harvest of 18,919 birds harvested in 2017. This year's total harvest statewide was 3.5 percent higher than the average harvest during the previous three years.

Turkey populations in many areas of the Coastal region are still growing. This

1,478 birds that were taken during the youth season. This season's harvest was the second-highest recorded and was only slightly below the record harvest of 18,919 birds harvested in 2017. This year's total harvest statewise was 3.5 percent higher than the average harvest during the previous three years. In the Coastal region are still growing. The coastal region are still growing. The previous they expense to the coastal region are still growing. The previous three years, in the Mountains, turkey populations are generally stable in some areas and declining in others. This year's harvest in the Mountains was 6.5 percent lower than the average harvest during the previous three years. In the Pfedmont, this year's turkey harvest during the previous three years to the Pfedmont, this year's turkey harvest was 6.0 percent higher than the average harvest during the previous three years. In the Pfedmont, this year's turkey harvest was 6.0 percent higher than the average harvest during the previous three years. In the Pfedmont, this year's turkey harvest was 6.0 percent higher than the average harvest during the previous three years. In the Pfedmont, this year's turkey harvest was 6.0 percent higher than the average harvest during the previous three years. In the Pfedmont, this year's turkey harvest was 6.0 percent higher than the average harvest during the previous three years. In the Pfedmont of the previous three years are also the window of the previous three years are also the previous three years are also that the previous three years are also the previous three years. In the previous three years are also the previous three years. In the previous three years are also the previous three years are also the previous three years are also the previous three years. In the previous three years are also the previous three years are also the previous three years are also the previous three

15,466 14,936

DEER HARVEST NUMBERS

% CHANGE IN TOTAL FROM 3 YR. AVG.

-19.2

7.3

ASK A OFFICER

WHEN IS THE BESTTIME BLAH BLAH FOR BLAH BLAH?

Help conserve whicoldife for future generacions, oiwelworij weol oile in 1981, hunters, anglers and wildlife enthusiatist jolehome shareholders in an innooilovative investment and conservation perforgance called the North Carolina Wildlife Endowment Today, theelyg Commiljsions has 30 different. Her earlbustime licenses in five cateligopies: Finant, Youth, Adult, Senior and Disabled. his his different first power and Disabled his his performance of the performance o

huh hindry di striv single primi mini-ne document fund for wildfile was a simple yet revolutionary idea: Create a lifetime inland shing or hunting license. Put the license free: ini punchase a lifema sheeholdors in an innociolivative di voluti film program called the broth Carolina Wildfile. Hororic Carolina Wildfile. Commilijation ame shareholdors in an innociolivative idigmentent and conservation program called the broth Carolina Wildfile fundowment. Todaythy di vi, fiv. to commilisation ame shareholders in an inno cioliva did fibitive diffigil investment and conservation prodrigara called the forth Carolina Wildfile fundowment. Today, the Commission. For more information on this and other long and the commission. For more information on this and other information on this and other

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IN THE FEILD

The 2016 survey marks the highest estimates ever re-corded for mallards and green-winged teal. Mallards increased a precrit 0.11.79 million, 3) perioral above the long-term average. Green-winged teal populations green by Seprecrit ov 2/42 million, which is more than take the long-term average. The 2016 unevy marks the highest estimates ever recorded from mallards and green-winged teal. Mallards increased 1 percent to 1.11.79 million, 5) percent above. Insteas ever recorded for mallards and green-winger test. Mallards increased percent to 1.1-79 million, 5) percent above.







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■ News & Notes

Commission Expands Coastal Game Lands

The N.C. Wildlife Resources Commission expanded several of its Coastal game lands through recent land acquisi-



tions that will help the agency continue its mission of providing public land for hunt-ing, fishing and trapping, and conserving wildlife resources.

wildlife resources.

Through a partnership with the North Carolina Coastal Land Trust, Ducks Unlimited
and other organizations, the Commission
added more than 12,000 acres to its Game acucar more than 12,000 acres to its Game Land Program in the Coastal Region last summer and fall. The Coastal Land Trust purchased the Salters Creek tract in Cart-eret County and transferred approximately

3.170 acres to the Commission, which will manage it for outdoor recreational uses such as hunting, fishing and wild flow watching. The Salters Creek tract features estuarine marsh, pocosin and longled flow arching. The Salters Creek tract features estuarine marsh, pocosin and longled prince forest, and is home to 23 rare plant and animal species. It adjoins the major that the special property is a long to the property to the Commission complete fleetings and a scross Long Birp form and II, 1000-acre Marine Corps bombing range. This combination creates a large, and irverfront property on the North River thattural resources and helps protect the military training mission at Plancy black bears, red-cockaded wood-help and the statural resources and helps protect the military training mission at Plancy black bears, red-cockaded wood-help and the statural resources and helps protect the military training mission at Plancy black bears, red-cockaded wood-help and the statural resources and helps protect the military training mission at Plancy black bears, red-cockaded wood-helps and the statural resources and helps protect the military training mission at Plancy black bears, red-cockaded wood-helps and the statural resources and helps protect the military training mission at Plancy black bears, red-cockaded wood-helps and the statural resources and helps protect the military training mission at Plancy black bears, red-cockaded wood-helps and the statural resources and helps protect the military training the statural resources and helps protect the military training the statural resources and helps protect the military training the statural resources and helps protect the military training the statural resources and helps protect the military training the statural resources and helps and training the protection of the protect

The Commission also completed several notable land acquisitions in the Piedmont and Mountains in 2019, including:

- 113-sca addicts to the William Is-New Came Land (Hapwood) that protects key habitat for alk
- 1,344 acre addition to the Brilliam Is-New Came Land (Halifax) that will provide new opportunities for recreation and protects habitats are considered with several rea-quality approach and the Inflam Island in the Inflam Island Island

LIFETIME LICENSES

Help conserve wildlife for future generations.

Monarch Butterfly to be Featured On State Fair Button



This year, the N.C. Wildlife Resources Commission selected the monarch butter-fly for its 2020 Wildlife Button. Typically, the button is distributed during the Mountain State of the State Stat

- Planting milkweed and nectar plants that are native to our state.
- Garden organically, without using pesticides, to protect monarchs and other pollinators.
- Educate others about pollinators, including the monarch butterfly.

News & Notes

THIS AREA FOR **SPOTLIGHT ON THE** COMMISSION/ PROGRAM/ **EMPLOYEE/ FACILITY OR GAMELAND???**

DID YOU KNOW

AUDUBON'S CHRISTMAS BIRD COUNT IS ONE OF THE LONGEST-RUNNING WILDLIFE CENSUSES IN THE WORLD!

RONAINE WILDLIFE CENSUSS IN THE WORLD!

For the suchty say, the Missional Andelson Sociaty is organizing tix annual Chrisma. Blind Court. Between London Hard London, and London Hard Lond

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reep conserve widther for future generations.

In 1881, hunters, anglers and wildlife enthusiants became shareholders in an invosable investment and conservation program called the Borth Today, the commission has 19 different lifetime licenses in fue cangeries: Infart, votosh, Adult, Senie and Disabed.

The endowment fund for wildlife was a simple yet revolutionary values Create a lifetime inland fishing the northing license. Not the license fees into a special fund. Spend the across direction, con the principal, on programs and projects that benefit for had wildlife. Automoree or to parchase a lifetime license visit novilalife.org/licensing or call 1-369 246-861.

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