



## Mission Statement

The mission of the North Carolina Extension and Community Association Inc. is:

To Strengthen Families and Communities through

- ◆ Leadership Development
- ◆ Community Action
- ◆ Educational support through research-based education from North Carolina State University and North Carolina A&T State University

~~~~~

Welcome to a new year! Yes, we survived 2022! 2022 was yet another year full of surprises! In fact, we thrived because of the incredible hard work, creativity and dedication of our members! You turned every challenge into an opportunity. Perhaps the impossible will become possible for you next year!

2023 brings a new year full of possibilities and hope. Your efforts to bring success have been unmatched for more than 100 years! Our members bring so much worth to this organization. May you keep doing the good work in the upcoming year as well. Successes and achievements are all part of life, and as the year passes, I wish you tremendous success in the year ahead!

We have an enormous opportunity ahead as we undergo strategic planning. Nonprofits, in order to remain viable need to periodically reevaluate their structure, vision, purpose and direction. It allows us to set priorities, focus our energy and resources, strengthen our operations, ensure that we are working toward common goals, and assess and adjust the NCECA's direction in response to a changing environment. We last took this journey in 2008! What exciting times!

I am so grateful for not only your continued partnership, but for your friendship, and I look forward to working together for the next two years

Wanda Denning  
2023-2024 President

# North Carolina Extension & Community Association, Inc.

(Tax exempt # 56-0818371)

## 2023-24 Leadership Team

### Voting Members

#### President

**Wanda Denning** Wake County  
2635 Carlie Adams Road  
Willow Springs, NC 27592  
919-418-0893 wwdenn@gmail.com

#### President -elect

**Dorothy Wagstaff** Person County  
165 Isaac Trail  
Roxboro NC 27574  
Dorothy\_wagstaff@yahoo.com  
919-451-8874 dorothy\_wagstaff@yahoo.com

#### Past President

**Cathy Holmes** Rutherford County  
200 Wells Drive  
Forest City, NC 28043  
828 -247-0965 home 828 -447-3816 cell  
godscash@bellsouth.net

#### VP – SC Finance & Membership

**Patricia McKoy** Harnett County  
9453 Hillsboro Street  
Linden, NC 28356  
910- 658-3131 mckoypat@yahoo.com

#### VP – NE Public Relations & Marketing

**Marita Powell** Currituck County  
1581 Caratoke Hwy, Moyock, NC  
252- 232-2529 home 252- 255-8272 cell  
map1155@gmail.com

#### VP – W Reports & Recognition West District

#### VP – NC Community Service

**Jeanne Gilbreath**  
495 Eatons Church Road  
Mocksville, NC 27028  
336-655-9657 cell 336-998-6149 home  
turkey217@yadtel.net

#### VP –SE Records

**Linda Rivenbark** Bladen County  
PO Box 68  
Clarkton, NC 28433  
910-234-0979 lindaandmo@embarqmail.com

### Non-Voting Members

#### Appointed Treasurer

**Faye W. Lanier** Durham County  
2515 Glover Road  
Durham, NC 27703  
919-596-5579 clanier@nc.rr.com

#### Association Advisor

**Geri H. Bushel**  
Box 7606, NCSU  
Raleigh NC 27695  
919-515-9136 gbushel@ncsu.edu

#### Cultural Arts Coordinator

**Louise Faison** Wayne County  
408 S. Pineview Avenue  
Goldsboro, NC 27530  
919-736-4382 mlfaison@yahoo.com

## 23-24 District Liaison Agents

### **North Central**

**Colleen Church**      Davie County  
642 Wilkesboro Street      Suite 100  
Mocksville, NC 27028  
336-753-6100      colleen\_church@ncsu.edu

### **South Central**

**Greg Huneycutt**      Harnett County  
126 Alexander Drive  
Lillington, NC 27546  
910-893-7530      greg\_huneycutt@ncsu.edu

### **Northeast**

**Olivia Patchel**      Currituck County  
120 Community Way  
Barco, NC 27917  
252-232-2261      olivia\_patchel@ncsu.edu

### **Southeast**

**Krista Johnson**      Bladen County  
450 Smith Circle  
Elizabethtown, NC 28337  
910-862-4591      knunderw@ncsu.edu

### **West (Interim)**

**Tracy Davis**      Rutherford County  
193 Callahan-Koon Road, Suite 164  
Spindale, NC 28160  
828-287-6010      tracy\_davis@ncsu.edu

## Extension District Directors

### **North Central**

**Tyrone Fisher**  
PO Box 8181  
Hillsborough, NC 27278  
919-961-0996  
Tyrone\_fisher@ncsu.edu

### **South Central**

**Keith Walters**  
Box 7604, NCSU  
Raleigh, NC 27695  
919-515-8437  
keith\_walters@ncsu.edu

### **Northeast**

**Art Bradley Jr**  
Box 7604, NCSU  
Raleigh, NC 27695  
252-641-7815  
art\_bradley@ncsu.edu

### **Southeast**

**Dalton Dockery**  
Box 7604, NCSU  
Raleigh, NC 27695  
919-515-8429  
dalton\_dockery@ncsu.edu

### **West**

**Kelley Hiemstra**  
455 Research Drive  
Mills River, NC 28759  
828-687-0570  
kahiemst@ncsu.edu

## 2023-24 North Central District Officers

|                                       |                                                                                                                                   |                |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------|
| <b>President</b>                      | Jeanne Gilbreath<br>495 Eatons Church Road<br>Mocksville, NC 27028<br>336-655-9657 cell 336-998-6149 home<br>turkey217@yadtel.net |                |
| <b>President-Elect</b>                | <b>Vacant</b>                                                                                                                     |                |
| <b>Secretary</b>                      | Becky Smith<br>2412 Wildcat Creek Road<br>Chapel Hill, NC 27516<br>919-967-5578      rwsmith2412@gmail.com                        | Orange County  |
| <b>Treasurer</b>                      | Mary Nell Richie<br>351 Richie Road<br>Mocksville, NC 27028<br>336-998-3771      mrichie@yadtel.net                               | Davie County   |
| <b>Past President</b>                 | Dorothy Wagstaff<br>165 Isaac Trail<br>Roxboro, NC 27574<br>919-451-8874      dorothy_wagstaff@yahoo.com                          | Person County  |
| <b>Cultural Arts<br/>Coordinators</b> | Audena Spain<br>511 Osbourne Road,<br>Winston-Salem, NC 27103<br>336-768-3550                                                     | Forsyth County |
|                                       | Gloria Smith<br>2709 K Fork Road,<br>Madison, NC 27025<br>336-529-5966      sewcool43@gmail.com                                   | Forsyth County |
| <b>Liaison Agent</b>                  | Colleen Church<br>642 Wilkesboro Street; Suite 100<br>Mocksville, NC 27028<br>336-753-6100      colleen_church@ncsu.edu           | Davie County   |

## 2023-24 Northeast District Officers

|                                      |                                                                                                   |                                                     |
|--------------------------------------|---------------------------------------------------------------------------------------------------|-----------------------------------------------------|
| <b>President</b>                     | Marita Powell<br>1581 Caratoke Hwy<br>Moyock, NC 27958<br>252- 232-2529 home<br>map1155@gmail.com | Currituck County<br><br><br>252- 255-8272 cell      |
| <b>President-Elect</b>               | Patricia Foye<br>439 Triple Crown Circle<br>Archer Lodge, NC 27527<br>919-553-0810                | Wake County<br><br><br>pfoye@hotmail.com            |
| <b>Secretary</b>                     | Wanda Denning<br>2635 Carlie Adams Road<br>Willow springs, NC 27592<br>919-418-0893               | Wake County<br><br><br>wwdenn@gmail.com             |
| <b>Treasurer</b>                     |                                                                                                   |                                                     |
| <b>Appointed Treasurer</b>           | Shelly Coburn<br>1474 Swinson Road<br>Jamesville, NC 27846<br>252-793-2286                        | Martin County<br><br><br>scoburn@embarqmail.com     |
| <b>Past President</b>                | Evelyn Henley<br>1906 Caratoke Highway<br>Moyock, NC 27958<br>252-435-1622                        | Currituck County<br><br><br>evelynh225@gmail.com    |
| <b>Cultural Arts<br/>Coordinator</b> | Sheila Gregory<br>120 Community Way<br>Barco, NC 27917<br>252-232-2261                            | Currituck County<br><br><br>Sheila_gregory@ncsu.edu |
| <b>ECA Liaison Agent</b>             | Olivia Patchel<br>120 Community Way<br>Barco, NC 27917<br>252-232-2261                            | Currituck County<br><br><br>Olivia_patchel@ncsu.edu |

## 2023-24 Southeast District Officers

|                                       |                                                                                                               |               |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------|---------------|
| <b>President</b>                      | Linda Rivenbark<br>PO Box 68<br>Clarkton, NC 28433<br>910-234-0979 lindaandmo@embarqmail.com                  | Bladen County |
| <b>President-Elect</b>                |                                                                                                               |               |
| <b>Recording Secretary</b>            | Helen Best<br>1426 Airport Road<br>Pikesville, NC 27863<br>919-735-6895 hbest2011@nc.rr.com                   | Wayne County  |
| <b>Treasurer</b>                      | Ruby Brinson<br>736 S Old NC 903<br>Magnolia, NC 28453<br>910-296-4098 rpbrinson@embarqmail.com               | Duplin County |
| <b>Past President</b>                 | Christina Batiste<br>201 Alden Drive, Apt 204<br>Jacksonville, NC 28546<br>252-933-1786 crissybgood@yahoo.com | Onslow County |
| <b>Cultural Arts<br/>Coordinators</b> | Louise Faison<br>408 S. Pineview Avenue<br>Goldsboro, NC 27530<br>919-736-4382 mlfaison@yahoo.com             | Wayne County  |
|                                       | Ruby Brinson<br>736 S. Old NC 903<br>Magnolia, NC 28453<br>910-296-4098 rpbrinson@embargmail.com              | Duplin County |
| <b>Liaison Agent</b>                  | Krista Johnson<br>450 Smith Circle<br>Elizabethtown, NC 28337<br>910-862-4591 knunderw@ncsu.edu               | Bladen County |

## 2023-24 South Central District Officers

|                                      |                                                                                                                       |                 |
|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------|-----------------|
| <b>President</b>                     | Patricia McKoy<br>9453 Hillsboro Street<br>Linden, NC 28356<br>910 - 658-3131      mckoypat@yahoo.com                 | Harnett County  |
| <b>President-Elect</b>               | Audrey Hunt<br>4940 Bud Wilson Rd.<br>Gastonia, NC 28056<br>704- 747-2471      audrey.swett.hunt@gmail.com            | Gaston County   |
| <b>Secretary</b>                     | Patricia Walker-Smith<br>1503 Lakeshore Drive<br>Dunn, NC 28334<br>910- 514-2179      pawalker1@yahoo.com             | Harnett County  |
| <b>Treasurer</b>                     | Barbara Looney<br>5601 Historic Springs Drive<br>Concord, NC 28025.<br>704- 796-7058      Blooneysews@hotmail.com     | Cabarrus County |
| <b>Past President</b>                | Estelle Coffey<br>3804 West Union School Road<br>Waxhaw, NC 28173<br>704-291-6730      stellree62@yahoo.com           | Union County    |
| <b>Cultural Arts<br/>Coordinator</b> | Barbara Looney<br>5601 Historic Springs Drive<br>Concord, NC 28025.<br>704- 796-7058      Blooneysews@hotmail.com     | Cabarrus County |
| <b>Liaison Agent</b>                 | Greg Huneycutt<br>126 Alexander Drive, Suite 300<br>Lillington, NC 27546<br>910-893-7530      greg_huneycutt@ncsu.edu | Harnett County  |

## 2023-24 West District Officers

|                                   |                                                                                                                   |                   |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------|-------------------|
| <b>President</b>                  | Vacant<br>Contact: Tracy Davis, ECA Liaison Agent, Rutherford County                                              |                   |
| <b>President-Elect</b>            | Vacant                                                                                                            |                   |
| <b>Secretary</b>                  | Lorinda Richard<br>948 Belwood Lawndale Road<br>Lawndale, NC 28090<br>704-538-8841      lorinda.richard@gmail.com | Cleveland County  |
| <b>Treasurer</b>                  | Dianne Brown<br>1274 Rainbow Trail<br>Boone, NC 28607<br>828-964-2050      dcbrown828@hotmail.com                 | Watauga County    |
| <b>Cultural Arts Coordinators</b> | Suzanne Gibson<br>742 Baber Road<br>Rutherfordton, NC 28139<br>828-287-9277      gibson152@bellsouth.net          | Rutherford County |
|                                   | Kay Dalton<br>174 Bluebell Court<br>Rutherfordton, NC 28139<br>828-748-6272      kaydalton@bellsouth.net          | Rutherford County |
| <b>Past President</b>             | Janis Byers<br>1388 US 221A<br>Forest City, NC 28043<br>980-329-1403      jfbyers@alumni.unc.edu                  | Rutherford County |
| <b>Liaison Agent</b>              | Tracy Davis<br>193 Callahan-Koon Road, Suite 164<br>Spindale, NC 28160<br>828-287-6010      tracy_davis@ncsu.edu  | Rutherford County |



## 2023 Calendar & Deadlines

**January 1**    **New Officers** of State, District, County and local Associations assume duties  
Yearbook corrections/additions due to NCECA Association Advisor & District VP

**January 4**    **NCECA Leadership Team Hybrid Meeting**  
203 Brickhaven, Raleigh & [ncsu.zoom.us/j/8183238864](https://ncsu.zoom.us/j/8183238864)  
Contact:        Wanda Denning

**February 1**   **NCECA Leadership Virtual Meeting**  
[ncsu.zoom.us/j/8183238864](https://ncsu.zoom.us/j/8183238864)  
Contact:        Wanda Denning

**Educational scholarships** due to county

Submissions for **Tar Heel Homemakers eNews** to:

Geri Bushel                      [gbushel@ncsu.edu](mailto:gbushel@ncsu.edu)  
Wanda Denning                [wwdenn@gmail.com](mailto:wwdenn@gmail.com)

**March 1**        **Scholarship Applications** (1 Adult & 1 Youth) due to:  
**Cathy Holmes**  
200 Wells Drive  
Forest City, NC 28043                [godscash@bellsouth.net](mailto:godscash@bellsouth.net)

**Individual Yearly Reports** Due to be logged online!

**March 1**        **NCECA Leadership Virtual Meeting**  
[ncsu.zoom.us/j/8183238864](https://ncsu.zoom.us/j/8183238864)  
Contact:        Wanda Denning

**April 1**        Submissions for **Tar Heel Homemakers eNews** to:  
Geri Bushel                      [gbushel@ncsu.edu](mailto:gbushel@ncsu.edu)  
Wanda Denning                [wwdenn@gmail.com](mailto:wwdenn@gmail.com)

**April 4**        **South Central District Meeting**  
Contact:        Patricia McKoy

**April 5**        **NCECA Leadership Virtual Meeting**  
[ncsu.zoom.us/j/8183238864](https://ncsu.zoom.us/j/8183238864)  
Contact:        Wanda Denning

**April 6**        **Northeast District Meeting**  
Contact:        Marita Powell

**April 24**       **Southeast District Meeting**  
Contact:        Linda Rivenbark

**April 25**       **West District Meeting**  
Contact: Tracy Davis

- May 3**      **NCECA Leadership Virtual Meeting**  
 ncsu.zoom.us/j/8183238864  
 Contact:      Wanda Denning
- May 10**      **North Central District Meeting**  
 Contact:      Jeanne Gilbreath
- May 15**      **District Scholarship** judging should be complete and results sent to the originating District Past President, NCECA Past President, NCECA Association Advisor, and NCECA Appointed Treasurer
- June 1**      Send **Pennies for Friendship** donations to Appointed Treasurer  
 Make checks payable to NCECA
- Submissions for **Tar Heel Homemakers eNews** to:  
 Geri Bushel      gbushel@ncsu.edu  
 Wanda Denning      wwdenn@gmail.com
- June 7**      **NCECA Leadership Meeting**  
 203 Brickhaven  
 Contact:      Wanda Denning
- July 5**      **NCECA Leadership Virtual Meeting**  
 ncsu.zoom.us/j/8183238864  
 Contact:      Wanda Denning
- July 18-20**      **NVON Conference** - *Plant many seeds... "Brighten our future"* Parkersburg, West Virginia  
 Contact:      Wanda Denning
- August 1**      Deadline for **Leadership Application**  
 Leadership applications should be sent to NCECA Association Advisor  
 Geri Bushel  
 Box 7606, NCSU      Raleigh, NC 27695  
 gbushel@ncsu.edu
- August 1**      Submissions for **Tar Heel Homemakers eNews** to:  
 Geri Bushel      gbushel@ncsu.edu  
 Wanda Denning      wwdenn@gmail.com
- August 2**      **NCECA Leadership Virtual Meeting**  
 ncsu.zoom.us/j/8183238864  
 Contact:      Wanda Denning
- August 15**      **NCECA Conference Registration Packet** to be mailed
- September 6**      **NCECA Leadership Virtual Meeting**  
 ncsu.zoom.us/j/8183238864  
 Contact:      Wanda Denning
- October 1**      Submissions for **Tar Heel Homemakers eNews** to:  
 Geri Bushel      gbushel@ncsu.edu  
 Wanda Denning      wwdenn@gmail.com

**October 4 NCECA Leadership Virtual Meeting**

ncsu.zoom.us/j/8183238864

Contact: Wanda Denning

**October 23-25 NCECA State Conference**

**November 1 NCECA Past President** to send out scholarship information. Letters or email reminders to District and County Advisors to promote scholarship applications.

**Local membership dues** sent to County Treasurer with names and addresses

**December 1 Submissions for Tar Heel Homemakers eNews to:**

Geri Bushel gbushel@ncsu.edu

Wanda Denning wwdenn@gmail.com

Send **Pennies for Friendship** donations to Appointed Treasurer

**County Scholarship** chairs publicize scholarship opportunities

County Treasurer sends collected **membership dues** (check and completed form with all names, current address and other contact information) list to NCECA Appointed Treasurer by December 1. Please update as necessary during the year.

**December 6 NCECA Leadership Virtual Meeting**

ncsu.zoom.us/j/8183238864

Contact: Wanda Denning

# North Carolina Extension & Community Association

## 2023 Budget

### 2021 BUDGET RECAP

|                                              |                  |
|----------------------------------------------|------------------|
| Yearbook Printing & State Conference mailing | 1,400.00         |
| State Operating Fund                         | 18,600.00        |
| <b>Total</b>                                 | <b>20,000.00</b> |

### 2021 BUDGET

|                                                           |                  |
|-----------------------------------------------------------|------------------|
| Printing & postage ( Yearbook & State Conference mailing) | 1,400.00         |
|                                                           |                  |
| State Operating Funds                                     |                  |
| President's Travel Expenses                               | 3,000.00         |
| President's Office Expenses                               | 100.00           |
| Leadership Team Expenses                                  | 5,000.00         |
| Appointed Treasurer's Travel Expenses                     | 900.00           |
| Appointed Treasurer's Office Expenses                     | 100.00           |
| Parliamentarian's Travel Expenses                         | 800.00           |
| Parliamentarian's Office Expenses                         | 50.00            |
| NVON/CWC Expenses                                         | 3,000.00         |
| NVON OFFICER TRAVEL                                       | 1,000.00         |
| Marketing                                                 | 350.00           |
| CVU                                                       | 700.00           |
| Cultural Arts                                             | 800.00           |
| Leadership Award                                          | 300.00           |
|                                                           |                  |
| Emergency/Miscellaneous                                   | 34.00            |
| ACWW – Dues                                               | 140.00           |
| CWC- Dues                                                 | 75.00            |
| NVON Dues                                                 | 100.00           |
| FCS Enrichment                                            | 2,151.00         |
| <b>Total</b>                                              | <b>20,000.00</b> |

## **Pennies For Friendship**

*Pennies for Friendship* provides a way for each individual member of societies to take an active part in the work of ACWW. By contributing to Pennies for Friendship, each member promotes world friendship, understanding and goodwill. “***Pennies for Friendship***” is a major source of the income to carry out the work of ACWW. NCECA urges members to participate in this activity

This voluntary fund is the lifeblood of ACWW. Within ACWW nothing functions without these **Pennies** – ACWW projects administration, United Nations links, Officers’ Conferences, and the Countrywoman Magazine, are all supported by Pennies for Friendship.

ACWW depends totally on our generosity to enable the continuation of vital work on behalf of women striving to improve the quality of family life in rural areas, and is grateful for all donations given in Friendship and support of the work we are all doing together:  
ACWW works with women worldwide!

In addition to the collection taken at our State Meeting, Clubs, Counties and District ECA groups can collect at each of their meetings. Fund-raising events can be held on ACWW Day, April 29 of each year.

**Give Generously – Every Penny Counts!**

## **Community Service Projects**

One of the most satisfying, fun, and productive ways to make a difference in your community is to volunteer through community service projects. While this list is not by any means complete, these are some that are a statewide initiative of NCECA.

- Alzheimer’s Association
- Boys & Girls Homes of NC
- Ronald McDonald House (soda tabs)
- Military Coupons

Other opportunities:

- Warm Up America
- School programs, i.e. supplies, lunches, clothing, books, backpack buddies, etc.
- Sewing projects for cancer patients and shut-ins, i.e. afghans, mastectomy pillows, cozy caps, etc.
- Partnering with other agencies, i.e. personal hygiene kits for Red Cross, battered family centers, bears, therapy dolls, activity aprons, Foster Care, homeless
- Any special projects relative to you community

## How Animal

### Pollination Works

Pollinators visit flowers in their search for food (nectar and pollen). During a flower visit, a pollinator may accidentally brush against the flower's reproductive parts, unknowingly depositing pollen from another flower. The plant then uses the pollen to produce a fruit or seed. Many plants cannot reproduce without pollen carried to them by foraging pollinators.

### Pollinators Are in Trouble

You may have heard that bees are disappearing, and bats are dying. These and other animal pollinators face many challenges in the modern world. Habitat loss, disease, parasites, and environmental contaminants have all contributed to the decline of many species of pollinators.

### Who are the Pollinators?

Solitary bees, bumble bees, honey bees, birds, bats, butterflies, moths, flies, beetles, wasps, small mammals, and most importantly, bees are pollinators. They visit flowers to drink nectar or feed off pollen and transport pollen grains as they move from spot to spot.

Although birds, bats, and other creatures are also pollinators, insects are the animals that do the bulk of the pollination that affects our daily lives. Some of these insect pollinators will be familiar (bees and butterflies), but you might be surprised by some of the others (flies, wasps, and beetles). Adding natural habitat areas into farm systems work. Farms that are closer to natural habitat produce more crop yield because they attract more pollinators. Adding habitat to farms systems works too – farms that have turned a portion of their fields into green space have gained back more overall yield. Homeowners can help too! Home gardens can and do attract pollinators, and

in many cases suburbs and cities have been shown to have more diverse pollinator communities than nearby wildlands. Pollinators do not seem to be phased by city life. If there are plots and patches of flowers, they will be visited by hungry bees. Pollinator gardening near community gardens also increases urban agricultural yields. If you build it, they will come and help you get bigger and better crops too!

You can help pollinators, no matter if you live in the city or on a farm. It is easy!

**Arkansas** – [www.uaex.uaex.edu](http://www.uaex.uaex.edu)

<https://www.uaex.edu/yard-garden/master-gardeners>

**Indiana** – [www.ag.purdue.edu/extension](http://www.ag.purdue.edu/extension)

<https://www.purdue.edu/hla/sites/master-gardener/>

**Illinois** – [www.extension.illinois.edu](http://www.extension.illinois.edu)

[www.extension.illinois.edu/dmp/master-gardeners](http://www.extension.illinois.edu/dmp/master-gardeners)

**Kentucky** – [www.extension.ca.uky.edu](http://www.extension.ca.uky.edu)

<https://www.canr.msu.edu/outreach/> <https://www.michiganmastergardener.org/>

**Michigan** – <https://www.canr.msu.edu/outreach/>

**North Carolina** – [www.ces.ncsu.edu](http://www.ces.ncsu.edu)

<https://incmgva.org/>

**South Carolina** – [www.clemson.edu/extension](http://www.clemson.edu/extension)

<https://www.clemson.edu/extension/mg/>

**West Virginia** – [www.ext.wvu.edu](http://www.ext.wvu.edu)

<https://extension.wvu.edu/lawn-gardening-pests/master-gardener-program>

**Wisconsin** – [www.uwex.edu](http://www.uwex.edu)

<https://mastergardener.extension.wisc.edu/>

**Other resources:** USDA <https://www.nrcs.usda.gov>

<https://beesfordevelopment.org/Pollinator.org>

Xerces.org

**Content Specialist** – Jon Zawislak, Instructor, Entomology & Plant Pathology, University of Arkansas System Division of Agriculture Cooperative Extension Service

**Design** – Chris Meux, Design Specialist, University of Arkansas System Division of Agriculture Cooperative Extension Service



## The Birds and The Bees and... The Beetles!

Why We Should Care  
About Pollinators





**MORE THAN 75% OF FLOWERING PLANTS  
DEPEND ON ANIMAL POLLINATORS.**

**IN U.S., OVER 100 CROP PLANTS  
DEPEND ON ANIMAL POLLINATORS  
(VALUE >\$15 BILLION).**

**MOST NATURAL ECOSYSTEMS  
WOULD COLLAPSE WITHOUT ANIMAL  
POLLINATORS.**

**SOME PLANTS ARE ENDANGERED  
BECAUSE OF DIMINISHED  
POLLINATION.**

**CHOCOLATE DEPENDS  
ON POLLINATORS!**

## **WHY ARE POLLINATORS IMPORTANT?**

Many fruits and vegetables, nuts, oilseed crops, herbs and spices, animal forage, medicinal plants and ornamental plants benefit from insect pollination.

The produce section of grocery stores would be rather empty without the hard work of bees, birds, butterflies, bats, and other pollinators.

More than 80 percent of the world's plants need pollinators to survive, including many that provide the food we eat. But today, many pollinators are in trouble.

Somewhere between 75% and 95% of all flowering plants on the earth need help with pollination – they need pollinators. Pollinators provide pollination services to over 180,000 different plant species and more than 1200 crops. If we want to talk dollars and cents, pollinators add 217 billion dollars to the global economy, and honeybees alone are responsible for between 1.2 and 5.4 billion dollars in agricultural productivity in the United States. In addition to the food that we eat, pollinators support healthy ecosystems that clean the air, stabilize soils, protect from severe weather, and support other wildlife.

## **WHAT DO WE KNOW ABOUT THEIR STATUS?**

Pollinator populations are changing. Many pollinator populations are in decline and this decline is attributed most severely to a loss in feeding and nesting habitats. Pollution, the misuse of chemicals, disease, and changes in climatic patterns are all contributing to shrinking and shifting pollinator populations. In some cases, there is not enough data to gauge a response, and this is even more worrisome.

## **POLLINATORS BY NUMBERS**

Three-fourths of the world's flowering plants and about 35 percent of the world's food crops depend on animal pollinators to reproduce.

There are 20,000 different types of bees in the world, with an estimated 4,000 bee species native to North America. Along with the famous European honey bee we know and love, many of these native bees can help increase crop yields. Some scientists estimate that one out of every three bites of food we eat exists because of animal pollinators like bees, butterflies and moths, birds and bats, and beetles and other insects.





## NVON PROJECT IN COMMON REPORT FORM

Complete form and send quarterly beginning March, 2022.

**Email to Karen Bell Fox NVON Project in Common Chair:**

karenbellfoxaehc@yahoo.com • 870-325-7238 • 870-692-4097

**\* Send money and a copy of form to:**

Nancy Jo Prue, NVON Treasurer • 4604 W. 1200 S. Kentland, Indiana 47951

State \_\_\_\_\_

Contact Name \_\_\_\_\_

Email \_\_\_\_\_

Phone number # \_\_\_\_\_

# Volunteers \_\_\_\_\_

Volunteer hours \_\_\_\_\_

\* # Dollars contributed \_\_\_\_\_

Date \_\_\_\_\_

\* A gift of \$50 sent by NVON to Heifer International will purchase a bee hive to be used for a business, food and pollination.

A gift of \$66 will purchase a Development Resource Box from Bees for Development. Both of these organizations work in 3rd world countries to improve their quality of life.

Designate Type (s) of Project and number of Projects Educational (Leader Training, Civic Groups, etc.)

Bees \_\_\_\_\_

Other Pollinators \_\_\_\_\_

Pollinator flower gardens \_\_\_\_\_

Demonstration gardens \_\_\_\_\_

Fund Raisers BEE-CAUSE program \_\_\_\_\_

Classroom presentations \_\_\_\_\_



| January 2023 |        |         |           |          |        |          |
|--------------|--------|---------|-----------|----------|--------|----------|
| Sunday       | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
| 1            | 2      | 3       | 4         | 5        | 6      | 7        |
| 8            | 9      | 10      | 11        | 12       | 13     | 14       |
| 15           | 16     | 17      | 18        | 19       | 20     | 21       |
| 22           | 23     | 24      | 25        | 26       | 27     | 28       |
| 29           | 30     | 31      |           |          |        |          |

Program \_\_\_\_\_

Members' Reports (record monthly)

- \_\_\_\_\_ Number of members recruited
- \_\_\_\_\_ People reached through monthly program
- \_\_\_\_\_ Number of programs taught to other groups (ECA, 4-H, and others)
- \_\_\_\_\_ Number in attendance
- \_\_\_\_\_ Approximate number of hours you contributed in ECA work, including those done in the name of ECA or CVU participant

Special Interests, Events and Dates

| February 2023 |        |         |           |          |        |          |
|---------------|--------|---------|-----------|----------|--------|----------|
| Sunday        | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|               |        |         | 1         | 2        | 3      | 4        |
| 5             | 6      | 7       | 8         | 9        | 10     | 11       |
| 12            | 13     | 14      | 15        | 16       | 17     | 18       |
| 19            | 20     | 21      | 22        | 23       | 24     | 25       |
| 26            | 27     | 28      |           |          |        |          |

Program \_\_\_\_\_

Members' Reports (record monthly)

- \_\_\_\_\_ Number of members recruited
- \_\_\_\_\_ People reached through monthly program
- \_\_\_\_\_ Number of programs taught to other groups (ECA, 4-H, and others)
- \_\_\_\_\_ Number in attendance
- \_\_\_\_\_ Approximate number of hours you contributed in ECA work, including those done in the name of ECA or CVU participant

Special Interests, Events and Dates

| March 2023 |        |         |           |          |        |          |
|------------|--------|---------|-----------|----------|--------|----------|
| Sunday     | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|            |        |         | 1         | 2        | 3      | 4        |
| 5          | 6      | 7       | 8         | 9        | 10     | 11       |
| 12         | 13     | 14      | 15        | 16       | 17     | 18       |
| 19         | 20     | 21      | 22        | 23       | 24     | 25       |
| 26         | 27     | 28      | 29        | 30       | 31     |          |

Program \_\_\_\_\_

Members' Reports (record monthly)

- \_\_\_\_\_ Number of members recruited
- \_\_\_\_\_ People reached through monthly program
- \_\_\_\_\_ Number of programs taught to other groups (ECA, 4-H, and others)
- \_\_\_\_\_ Number in attendance
- \_\_\_\_\_ Approximate number of hours you contributed in ECA work, including those done in the name of ECA or CVU participant

Special Interests, Events and Dates

| April 2023 |        |         |           |          |        |          |
|------------|--------|---------|-----------|----------|--------|----------|
| Sunday     | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|            |        |         |           |          |        | 1        |
| 2          | 3      | 4       | 5         | 6        | 7      | 8        |
| 9          | 10     | 11      | 12        | 13       | 14     | 15       |
| 16         | 17     | 18      | 19        | 20       | 21     | 22       |
| 23         | 24     | 25      | 26        | 27       | 28     | 29       |
| 30         |        |         |           |          |        |          |

Program \_\_\_\_\_

Members' Reports (record monthly)

- \_\_\_\_\_ Number of members recruited
- \_\_\_\_\_ People reached through monthly program
- \_\_\_\_\_ Number of programs taught to other groups (ECA, 4-H, and others)
- \_\_\_\_\_ Number in attendance
- \_\_\_\_\_ Approximate number of hours you contributed in ECA work, including those done in the name of ECA or CVU participant

Special Interests, Events and Dates

| May 2023 |        |         |           |          |        |          |
|----------|--------|---------|-----------|----------|--------|----------|
| Sunday   | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|          | 1      | 2       | 3         | 4        | 5      | 6        |
| 7        | 8      | 9       | 10        | 11       | 12     | 13       |
| 14       | 15     | 16      | 17        | 18       | 19     | 20       |
| 21       | 22     | 23      | 24        | 25       | 26     | 27       |
| 28       | 29     | 30      | 31        |          |        |          |

Program \_\_\_\_\_

Members' Reports (record monthly)

- \_\_\_\_\_ Number of members recruited
- \_\_\_\_\_ People reached through monthly program
- \_\_\_\_\_ Number of programs taught to other groups (ECA, 4-H, and others)
- \_\_\_\_\_ Number in attendance
- \_\_\_\_\_ Approximate number of hours you contributed in ECA work, including those done in the name of ECA or CVU participant

Special Interests, Events and Dates

| June 2023 |        |         |           |          |        |          |
|-----------|--------|---------|-----------|----------|--------|----------|
| Sunday    | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|           |        |         |           | 1        | 2      | 3        |
| 4         | 5      | 6       | 7         | 8        | 9      | 10       |
| 11        | 12     | 13      | 14        | 15       | 16     | 17       |
| 18        | 19     | 20      | 21        | 22       | 23     | 24       |
| 25        | 26     | 27      | 28        | 29       | 30     |          |

Program \_\_\_\_\_

Members' Reports (record monthly)

- \_\_\_\_\_ Number of members recruited
- \_\_\_\_\_ People reached through monthly program
- \_\_\_\_\_ Number of programs taught to other groups (ECA, 4-H, and others)
- \_\_\_\_\_ Number in attendance
- \_\_\_\_\_ Approximate number of hours you contributed in ECA work, including those done in the name of ECA or CVU participant

Special Interests, Events and Dates

| July 2023 |        |         |           |          |        |          |
|-----------|--------|---------|-----------|----------|--------|----------|
| Sunday    | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|           |        |         |           |          |        | 1        |
| 2         | 3      | 4       | 5         | 6        | 7      | 8        |
| 9         | 10     | 11      | 12        | 13       | 14     | 15       |
| 16        | 17     | 18      | 19        | 20       | 21     | 22       |
| 23        | 24     | 25      | 26        | 27       | 28     | 29       |
| 30        | 31     |         |           |          |        |          |

Program \_\_\_\_\_

Members' Reports (record monthly)

- \_\_\_\_\_ Number of members recruited
- \_\_\_\_\_ People reached through monthly program
- \_\_\_\_\_ Number of programs taught to other groups (ECA, 4-H, and others)
- \_\_\_\_\_ Number in attendance
- \_\_\_\_\_ Approximate number of hours you contributed in ECA work, including those done in the name of ECA or CVU participant

Special Interests, Events and Dates

| August 2023 |        |         |           |          |        |          |
|-------------|--------|---------|-----------|----------|--------|----------|
| Sunday      | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|             |        | 1       | 2         | 3        | 4      | 5        |
| 6           | 7      | 8       | 9         | 10       | 11     | 12       |
| 13          | 14     | 15      | 16        | 17       | 18     | 19       |
| 20          | 21     | 22      | 23        | 24       | 25     | 26       |
| 27          | 28     | 29      | 30        | 31       |        |          |

Program \_\_\_\_\_

Members' Reports (record monthly)

- \_\_\_\_\_ Number of members recruited
- \_\_\_\_\_ People reached through monthly program
- \_\_\_\_\_ Number of programs taught to other groups (ECA, 4-H, and others)
- \_\_\_\_\_ Number in attendance
- \_\_\_\_\_ Approximate number of hours you contributed in ECA work, including those done in the name of ECA or CVU participant

Special Interests, Events and Dates

| September 2023 |        |         |           |          |        |          |
|----------------|--------|---------|-----------|----------|--------|----------|
| Sunday         | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|                |        |         |           |          | 1      | 2        |
| 3              | 4      | 5       | 6         | 7        | 8      | 9        |
| 10             | 11     | 12      | 13        | 14       | 15     | 16       |
| 17             | 18     | 19      | 20        | 21       | 22     | 23       |
| 24             | 25     | 26      | 27        | 28       | 29     | 30       |

Program \_\_\_\_\_

Members' Reports (record monthly)

- \_\_\_\_\_ Number of members recruited
- \_\_\_\_\_ People reached through monthly program
- \_\_\_\_\_ Number of programs taught to other groups (ECA, 4-H, and others)
- \_\_\_\_\_ Number in attendance
- \_\_\_\_\_ Approximate number of hours you contributed in ECA work, including those done in the name of ECA or CVU participant

Special Interests, Events and Dates

| October 2023 |        |         |           |          |        |          |
|--------------|--------|---------|-----------|----------|--------|----------|
| Sunday       | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
| 1            | 2      | 3       | 4         | 5        | 6      | 7        |
| 8            | 9      | 10      | 11        | 12       | 13     | 14       |
| 15           | 16     | 17      | 18        | 19       | 20     | 21       |
| 22           | 23     | 24      | 25        | 26       | 27     | 28       |
| 29           | 30     | 31      |           |          |        |          |

Program \_\_\_\_\_

Members' Reports (record monthly)

- \_\_\_\_\_ Number of members recruited
- \_\_\_\_\_ People reached through monthly program
- \_\_\_\_\_ Number of programs taught to other groups (ECA, 4-H, and others)
- \_\_\_\_\_ Number in attendance
- \_\_\_\_\_ Approximate number of hours you contributed in ECA work, including those done in the name of ECA or CVU participant

Special Interests, Events and Dates

| November 2023 |        |         |           |          |        |          |
|---------------|--------|---------|-----------|----------|--------|----------|
| Sunday        | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|               |        |         | 1         | 2        | 3      | 4        |
| 5             | 6      | 7       | 8         | 9        | 10     | 11       |
| 12            | 13     | 14      | 15        | 16       | 17     | 18       |
| 19            | 20     | 21      | 22        | 23       | 24     | 25       |
| 26            | 27     | 28      | 29        | 30       |        |          |

Program \_\_\_\_\_

Members' Reports (record monthly)

- \_\_\_\_\_ Number of members recruited
- \_\_\_\_\_ People reached through monthly program
- \_\_\_\_\_ Number of programs taught to other groups (ECA, 4-H, and others)
- \_\_\_\_\_ Number in attendance
- \_\_\_\_\_ Approximate number of hours you contributed in ECA work, including those done in the name of ECA or CVU participant

Special Interests, Events and Dates

| December 2023 |        |         |           |          |        |          |
|---------------|--------|---------|-----------|----------|--------|----------|
| Sunday        | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|               |        |         |           |          | 1      | 2        |
| 3             | 4      | 5       | 6         | 7        | 8      | 9        |
| 10            | 11     | 12      | 13        | 14       | 15     | 16       |
| 17            | 18     | 19      | 20        | 21       | 22     | 23       |
| 24            | 25     | 26      | 27        | 28       | 29     | 30       |
| 31            |        |         |           |          |        |          |

Program \_\_\_\_\_

Members' Reports (record monthly)

- \_\_\_\_\_ Number of members recruited
- \_\_\_\_\_ People reached through monthly program
- \_\_\_\_\_ Number of programs taught to other groups (ECA, 4-H, and others)
- \_\_\_\_\_ Number in attendance

Special Interests, Events and Dates