



# Charlevoix Area Garden Club

A PUBLICATION OF THE  
CHARLEVOIX AREA GARDEN CLUB,  
MEMBER OF  
MICHIGAN GARDEN CLUBS, INC.  
& NATIONAL GARDEN CLUBS, INC.

[www.charlevoixareagardenclub.org](http://www.charlevoixareagardenclub.org)

Editor: Dorothy Sandoval

January, 2020

## CAGC HOLIDAY LUNCHEON

## President's Message



Incoming officers



Outgoing many thanks

Thanks to everyone who helped organize our December luncheon. It was so much fun and everyone enjoyed themselves.

2020 is now upon us and we have new opportunities to make new friends and enjoy old ones. Our program committee has arranged for great meetings. I look forward to leading us to accomplish all our goals this year.

Although the snow is still on the ground and lots of our members are enjoying wonderful sunshine in the southern states, planning for all our events are being organized by our committees. We have a huge plant sale planned for May, a wonderful garden walk and flower show for July, and an outstanding bulb sale in October. As in the past, I know we can count on everyone to lend their expertise in helping with these events.

**We are still in need of a chair-person or co-chair for the Flower Show.** This committee will be meeting soon to start making plans.

Martha Rohr, President

### *February Newsletter Deadline*

Submission deadline for the February issue of the CAGC newsletter is January 25th.

Send your information and articles to:  
[bnds@att.net](mailto:bnds@att.net)

## **CAGC HOLIDAY LUNCHEON**



New President Welcome



### **January Meeting**

From Weeds to Gardens

Noon Soup luncheon

Charlevoix Public Library

**Bring your service ware for the soup luncheon.**

Kathryn Ring will present how she turned old flower beds to beds of beauty.



### **February Meeting**

A Valentine Party

1:00 pm

Charlevoix Public Library

Company is coming, the Charlevoix Evening, the Boyne Valley, and The East Jordan Garden Clubs are joining us.

### **Think Summer Field Trip**



Ladies at the party



### **Mackinaw Island**

**When: June 11, 2020**

**How: By Chartered Bus**

**Cost: \$40 per person**

**Further information contact:**

**Susan Thurow**

## Conservation



### Donations

From Patricia Nowak for the Depot Garden honoring her mother, Joan Nowak.

From Lynn and Jonathan Friendly honoring Joan Nowak for the Depot Garden.

From Linda Mackinder (member) donated \$35.

From Mike, Julie and Will Stratton honoring Mike and Rhea Dow.



While today's changing climate is raising average winter temperatures in most places, it is also bringing periods of intense cold, tumultuous winter storms, and severe icy conditions. For some wildlife these fluctuating extremes may prove too hard to bear.

Many animals escape winter by migrating to warmer places. Wildlife that stay put have evolved a variety of strategies to survive.

These include:

**Seeking** shelter like bears in dens, bats in caves, lizards in crevices, rabbits in burrows, and rodents in deep snow hollows.

**Sleeping** it off while hiding they hibernate. Their metabolism slows to a crawl to save energy. Think Black bears.

**Dressing** for it like seal's blubber, a cardinal's fluffed feathers, a musk ox's layered fur with outer „guard hairs“ housing thousands of air-filled cavities.

**Snuggling** like the emperor penguins, skunks that huddle with kin, and small birds bunk together in a tree hole.

**Making** antifreeze some amphibians like the wood frogs produce compounds that when an animal freezes, they pack into some cells and organs to protect them from damage.

These adaptations work well in largely steady climate change. More frequent heat waves and more polar excursions seems to be the norm. Our nonmigrating birds for example may be used to minus 10 degrees yet not minus 40 degrees. Biologist Camille Parmesan says, „You go from a cold that's good because it keeps metabolism slow enough so birds don't starve to a cold that will kill them.“

*Taken from abridged National Wildlife Magazine  
December-January 2020  
Submitted by Carrie Minch*