It was a bad summer for butterflies too



I recently received a letter from Joan in Livonia regarding her concern for the small number of butterflies she has seen this past summer. She had plant-

TIMOTHY of flowers, which NOWICKI are nectar sources for butterflies of our area, but only a haniful were spotted at them. Even when she

DRAPERIES CUSTOM MADE

abrique

DECORATIVE FABRIC & WALLPAPER

644-6505

* * * * * * Computerized Astrology

color astrological charts or tibility charts. 12-17 pages with either. are address date of both time or of both (d born in a small both



on beautiful Lake Huron... Time For Myself... Oct. 9-11

A Women's Getaway Weekend! Fun, Fitness and Relaxation, you deserve this special time!

Lodging, Meals, Program and Sessions 175

1-800-354-YWCA



Mental iliness has warning signs, too.

For a free booklet about mental illness, call :

Learn to see the sickness. American Mental Health Fund 🔠

WE'RE CONCERNED **ABOUT** ESTERDAY'S **NEWS**

News can appear one day and be gone the next. But the paper news is printed on can and should live on.

Last year, more than one third of all U.S. newsprint was recycled. And that number is growing every day.

Recycling is the one way we can all give some-Read. Then Recyc thing back.



traveled to nearly Windsor she observed Just a few butterflies at a garden there.

This has been a bad summer for butterflies, animals and plants in general. It started with the cold freezing temperatures we had in early apring. Flowers from fruit trees and bushes, like apples and blueberries, were killed. This in turn lowered the yield of mature fruits in fall.

Young wildlife were in nests about the time we had some freezing nights in May. Tree swallow young were very vulnerable to the cold temperatures. For the adults, it was a real catch 22. Cold weather meant they had to brood their young and keep them warm, but when they did they were unable to catch insects in which to feed them.

When they did tget out to feed.

When they did get out to feed.

what insects were around were too cold and did not fly, thus making it very difficult for the adults to find adequate food. Ultimately many young nestlings died.

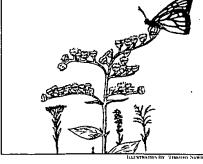
Cold temperatures also curtail the development of insects such as butterflies and moths. They may remain in the egg or pupa (chrashis, or excoon) stage until conditions are right for their development. In July there were a few warm days with some rain which allowed some butterflies to emerge but they were few and later than normal.

A butterfly count, conducted by the Farmington Area Naturalists at Heritage Park in Farmington Hills, yielded 100 fewer individuals than the previous count at the same time last year.

Last summer was a good time for the beautiful orange and black

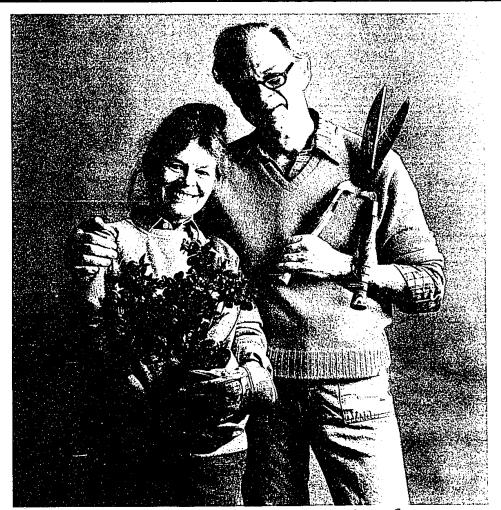
monarch butterfly. Cold tempera-tures in the mountains of Mexico, where they overwinter, killed an ex-tinated 30 percent of them. That meant there were fewer individuals returning to the United States this summer to lay eggs and produce in-dividuals for us to see. Plant and animal populations are adapted to normal conditions -within a certain tolerable range. However, when situations become extreme, like the temperatures we experienced this year, their produc-tion and or populations will decline. It may take a comple years of nor-mal conditions to return to a verage levels. But in all likelihood that is exactly what will happen.

Tim Nowicki is a naturalist at In-dependence Oaks County Park in Oakland County.



Butterfiles: Unusually cold weather this year has adverse by affected a lot of things, including the number of butter flies.

BOTSFORD COMMONS



Announcing a new community of homes designed with your independence in mind.

Now you can own a patio or villa home, or rent an apartment in a full-service community, without paying an entrance fee or for extra services you don't need. At Botsford Commons, for example. you don't have to pay for meals and health care you don't want.

Botsford Commons, an adult community, offers many special and innovative, built-in amenities to enhance your continued independence. At Botsford Commons, you'll live life to the fullest in a healthy and active atmosphere.

You'll enjoy many "small town" services such

l

as our own library, barber and beauty salon, recreational and cultural activities, cafe, meeting and game rooms, health and fitness programs, and much more. But you'll also appreciate the security, private roads and entrance, home and lawn maintenance, gardens, emergency medical call service, and easy access to complete health care. All this in a

beautiful, peaceful, wooded setting adjacent to the historic village of Farmington.

If you would like more information on Botsford Commons, please call Joan Herbst at (313) 477-1646. And find out for yourself how sweet home can be.

Sneak preview at Laurel Manor Conference Center, 39000 Schoolcraft Road, Livonia on: October 19 at 1-3 pm and October 20 at 9-11 am and 1-3 pm. Seating is on a first-come, first-serve basis.

Call (313) 477-1646 now for your reservation and ask about our special introductory offer!