

Conradina NEWS

Photos by Bob Peterson



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[Native Butterfly Flowers](#)

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December 2023

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Conradina Chapter Meeting Monday, December 11, 2023

5:30 - 6:00 pm socialization, Meeting will begin at 6:00pm.

**Meet at our new location, the First Church of the Nazarene
2745 S Babcock Street, Melbourne FL 32901**



PROVIDED:

Grapevine wreaths
Pinecones
Pinecone cores ("squirrel drumsticks")
Magnolia pods
Sweetgum balls
Cedar foliage
Simpson's stopper foliage
Coontie fronds
Winged elm twigs
American elm twigs
Palmetto leaves
Bay leaves
Rayless sunflower seed heads
Braken fern (dried)
Frostweed heads
Shells
Ribbon
Florist Wire
Florist tape
Scissors, wire cutter & clippers
Other materials as collected by the meeting

BRING:

Personal items to decorate your wreath
Grasses
Magnolia leaves
Seagrape leaves
Other thick & durable leaves
Flowers, preferably dried
Dried or fresh herbs
Cinnamon sticks
Large seeds or pods
Paper wasp nests (empty!)
Feathers

DON'T BRING:

Glue guns (use at home)
Messy berries
Fragile materials
Exotic pest plant materials

Next Chapter Meeting

Monday December 11, 2023



www.conradina.fnpschapters.org



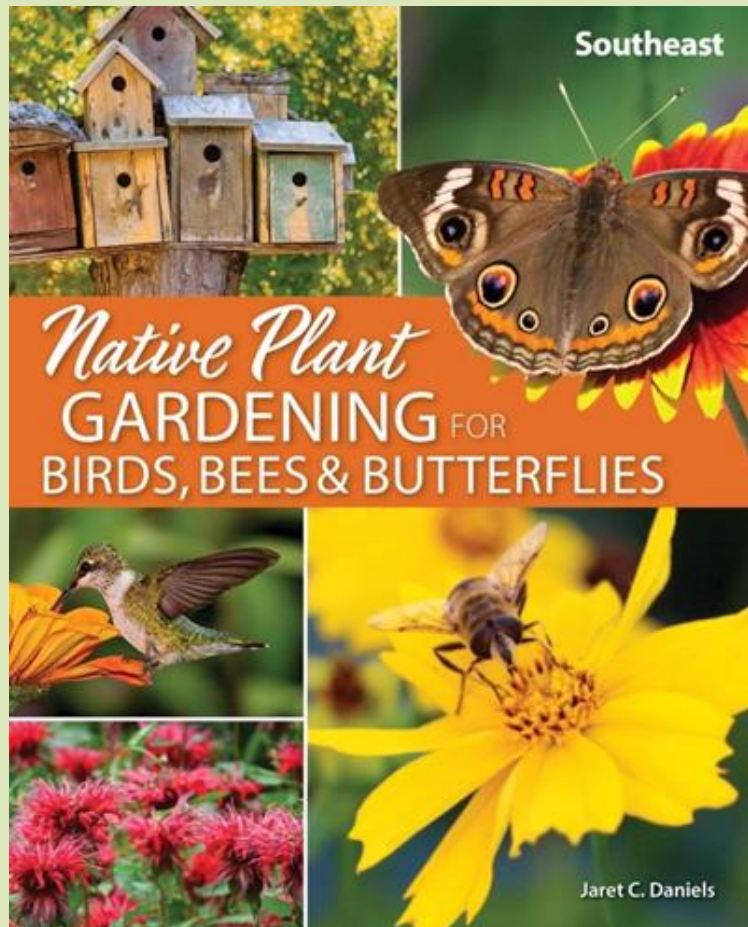
Preserving, Conserving, and Restoring the Real Florida Since 1980.

Carol's Corner: Native Plant Gardening for Birds & Butterflies, A book by Jaret C. Daniels

By Carol Hebert

I hope you enjoyed the “Landscaping with Florida Natives” garden tour in October. It sure led to some motivation to enrich my own landscape!

I came across this book at the Melbourne library and was so excited to see an easy-to-follow and full of information guide book. Especially about native plants! It has wonderful pictures and details on each plant. I love the way the book categorizes and sorts out all the native plants. It has the lists of which native plants like full sun, full sun to partial shade and partial shade to full shade. Also lists of plants for butterflies, bees, for pollinators, bird food, larval host plants and more. Beautiful full page picture's with the information for each plant.



The best way is how the book starts off with “First Step: Inventory your yard”. Best idea ever! Take a look at your yard, check where your power lines are and call the town you live in to check for undergrounds lines and pipes. Even take the opportunity to have your soil checked. Great few starting steps before you begin to enhance your own yard with native plants.

Plant Native!

Carol Hebert

Upcoming Events, Meetings and Native Plant Nurseries

Date	Event
Monday, Dec 11, 2023 at our new location	Holiday Wreath Making with Natives and Natural Materials
Monday, Jan 8, 2024	Chapter Meeting. Our Speaker will be Zach Marchetti, Community Engagement and Outreach Officer, Brevard Zoo. His topic will be The Aquarium Project.
Saturday, Jan 13, 2024, 6pm to 10pm	Moonlight Stroll at Erna Nixon Park, 1200 Evans Rd, W Melbourne FL 32904 No Parking at the Park (except Handicap Parking, Free shuttles from Melbourne Square Mall.
Monday, Jan 20, 2024, 8am to 5pm	The 2024 Transforming Landscapes Conference at the Emerson Center, 1590 27th Ave. Vero Beach, FL 32960
Monday, Feb 12, 2024	Chapter Meeting. Our Speaker will be Tim Kozusko, NASA Biologist. His topic will be Fire in the native landscape.
Monday, Mar 11, 2024	Chapter Meeting. Our Speaker will be Heather Stapleton with One Lagoon Central IRL Community Engagement Coordinator. Her topic will be The Indian River Lagoon.
Saturday, Mar 16, 2024, Starting at 8am	Workday at Erna Nixon Park, 1200 Evans Rd, W Melbourne FL 32904 Help remove invasive species!
Saturday, Mar 23, 2024, Starting at 8am	Workday at Erna Nixon Park, 1200 Evans Rd, W Melbourne FL 32904 Help remove invasive species!
Monday, Apr 8, 2024	Chapter Meeting. Our Speaker will be Kenny Cogan. His topic will be Florida's Carnivorous Plants.

See Conradina web page for additional events: <https://conradina.fnpschapters.org/events/>

Native Plant Nurseries and Service Providers

Have you planned on, or have you already started planting new native plants in your garden and yard? Have you had trouble finding the native plants and wildflowers you want? Well here are a few links to help you locate what you are looking for. Please call or check websites for hours, services and plant availability.

Company / Web link	Name / email	Telephone	Comments
4C's Nursery		321-586-0019	Native plants, landscape design & installation
	Newsletter Sponsor		
	Brendan Healy	321-536-0655	Native and edible plants, landscape design, installation & maintenance
Florida Native Wildflowers	Sharon Dolan		Purchase pots, seeds and Florida Native Plants online
Go Native Landscaping	Nichole Perma	321-795-3111	Native landscape design, installation, consultation and maintenance
	Newsletter Sponsor		
	Tim / Anna	321-626-7386	Native plants and landscape design
Rockledge Gardens	General Information	321-636-7662	Expanding native plant selection
Rosemallow Farms	Tim & Ivoriann Wooley	321-236-1741	Native and Florida-friendly plants for sale to the public
Wild Wet N Wacky	Kiela Frank	321-417-2218	Expanding native plant selection

Additional local sources of plants and services may be found at our FANN partner site: www.PlantRealFlorida.org

Shopping elsewhere? Please always ask for Florida native plants – especially when you see none on the shelf. Popular demand drives availability and can change our community for the better.

Free Tree Giveaway

Press Release Free Live Oak Trees, Bald Cypress, & Mahogany Available at Audubon House



Birds Love Oak Trees!

Photos: Brown Thrasher & American Robin © Yvonne Tso, Parula Warbler © Joseph Pescatore



195 9th Street SE (Oslo Road) Vero Beach, FL
Nursery Hours: Sunday, Wednesday, & Friday from 9:00 - 11:00AM
Humans are turning our green Earth into a lifeless Mars!
Native plants are available that will bring nectar, seeds, berries, and insects to attract birds and butterflies to your yard!
We have distributed over 19,500 native trees and plants!

WHY PLANT TREES?

Trees save energy: Provides shade and wind breaks to our homes, cools our neighborhoods, and cleans our stormwater. Provides the oxygen we breath, and removes from our air carbon dioxide, ozone and other greenhouse gases, and air pollutants. Preserves the soil. Saves our water bills. Provides food and habitat and an healthy ecosystem for our birds, fish, and animals. Provides us with materials for tools and shelter. Makes paper, maple syrup, chewing gum, crayons paint, soap, dyes, medicines. Provides jobs, and better health. 64% of our drinking water goes on grass lawns in Florida (88% in the summer).

For the health and maintain health of all citizens:

- Trees provide food for people and wildlife including birds – increasing the biodiversity.
- Kids on tree-lined streets play outside more – less ADHD, asthma, obesity, and less damaging sun rays.
- Adults are more likely to walk, know their neighbors and enjoy better health
- Property values of homes with trees in the landscape are 5-20% higher
- One acre of trees produces oxygen for 18 people daily and eliminates CO2 equivalent a car driving 26,000 miles.
- Studies show low or moderate-income properties, treed landscaping reduces crime by 50%.
- Trees and shrubs reduce noise pollution by acting as buffers.

For economic stability:

- Shaded roadways save 60% in maintenance costs over 30 years
- Green business districts attract customers, increase property values and increase worker satisfaction.
- Strategically placed trees around homes/business can cut cooling costs 30-50%.
- Potable water is a serious future problem. Shade from trees slows evaporation requiring less irrigation.

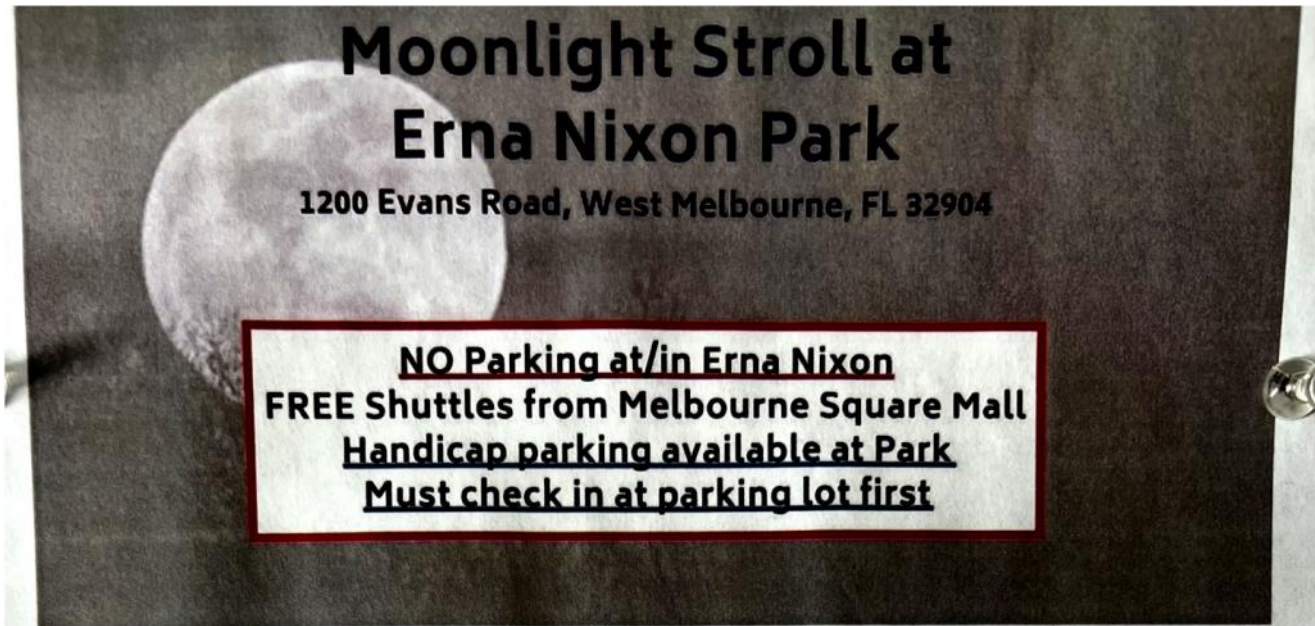
For the health of the environment including the Indian River Lagoon:

- Stormwater carries oil and gas pollutants. Trees over hard surfaces reduce stormwater runoff by 12%.
- Trees reduce soil erosion which forms muck if washed into the lagoon.
- Odors and pollutant gases such as CO2, ammonia, sulfur dioxide, ozone are absorbed by trees.
- Tree canopy helps to reduce city temps of the heat effect of streets, parking lots, rooftops by 10%.
- By converting lawn to trees and shrubs, fertilizer and herbicides may be reduced

Join us to make our World a better place!

Save our Manatees, Fishes, Butterflies, Ourselves, and our Grandchildren.

Moonlight Stroll at Erna Nixon Park



Moonlight Stroll in 2024

Where: Erna Nixon Park, 1200 Evans Road, West Melbourne, FL, 32904

When: Saturday, January 13, 2024, 6:00 PM to 10:00 PM

Cost: \$5 per person; 3 and under FREE

Join us for a wonderful evening with friends and family by viewing celestial bodies in the night sky through the telescopes provided by the Brevard Astronomical Society. Treat your tastebuds to some good gourmet food provided by our food trucks. Enjoy listening to live music by several live bands and solo artists throughout the park and boardwalk. We will also have a variety of local vendors with tables under the pavilion for shopping pleasure.

Pre-registration is requested. To pre-register visit <https://bit.ly/ENP-Moonlight-Stroll>. If you have an existing account or need to create one, for instructions, visit <https://bit.ly/2024-MLS-Account>.

ALL event parking will occur at the parking lot of Melbourne Square Mall. Free shuttles will be provided and available from that location. There's absolutely **NO** public parking at Erna Nixon Park. Disabled parking passes can be obtained from staff at the Melbourne Square Mall (JC Penny's south parking lot). Dates and times are subject to change, weather permitting.

To stay up to date on all event changes, follow us at [Facebook@BrevardParks](https://www.facebook.com/BrevardParks).

Call Erna Nixon Park at (321) 952-4525 for questions or concerns.



Brevard County Parks and Recreation
South Area Parks Operations
1515 Sarno Road, Building A, Melbourne, FL 32935
www.BrevardParks.com



The 2024 landscape conference

LEARN TO ENHANCE YOUR YARD WITH NATIVE PLANTS
5TH TRANSFORMING LANDSCAPES
FOR A SUSTAINABLE FUTURE



JANUARY 20, 2024
 AT THE EMERSON CENTER
 1590 27TH AVENUE
 VERO BEACH, FL 32960



CONFERENCE SCHEDULE



SPONSORS

Become a conference sponsor and get your name or business listed here!

\$2,500
 •Dr. Albert & Virginia Alley

\$1,500
 •Archie S. Wingfield, Jr. Charitable Trust

\$1,000
 •Kay Gibson
 •Goff & Associates, LLC
 •George & Toni Hamner
 •Drs. Andrew Liu & Brenda Baker
 •Windsor Properties

\$500
 •Native Butterfly Flowers Nursery

\$250
 •Conradina Chapter - FNPS
 •Environmental Learning Center
 •Friends of St. Sebastian River
 •Garden Club of Indian River County
 •Gopher Tortoise Alliance
 •Indian River Land Trust
 •Ralph Johansen
 •Dr. John & Judy Orcutt
 •Pelican Island Conservation Society
 •Sierra Club Turtle Coast Group
 •St. Lucie Audubon Society

8:00AM	Online Registration-PelicanIslandAudubon.org-Tickets \$25 & includes box lunch. \$35 after Jan 17. Native plants on sale from Native Plant Nurseries
9:00-9:50	Dr. Craig N. Huegel , Director, University of South Florida Botanical Garden, <i>Sustainable Landscapes and the Concept of Reciprocity: Why is giving back to the natural world sustainable?</i>
10:00-10:50	Betty Osceola , Member of the Miccosukee Tribe, <i>Reclaiming and Healing Our Natural Landscapes</i>
10:50-11:10	Break
11:10-12:10PM	Dr. Basil V. Iannone, III , Associate Professor, School of Forest, Fisheries, & Geomatics Sciences, University of Florida, <i>Stormwater Ponds: assessing utility, impacts, & potential contribution to urban diversity</i>
12:10-1:00	Lunch with Box Lunches included in the \$25 admission ticket for those attending in person.
1:00-1:50	Maya Dutta , Asst. Director of Regenerative Projects, Biodiversity for a Livable Climate, Cambridge, MA, <i>Restoring Ecosystems to Address Global Warming: Pocket Rewilding Using the Miyawaki Method</i>
2:00-2:50	Dr. Jaret C. Daniels , Curator, McGuire Center for Lepidoptera & Biodiversity, UF Museum of Natural History, <i>Creating Pollinator Pathways in the Built Environment & the Importance of Insects Especially Florida Natives</i>
2:50-3:20	Break
3:20-4:10	Dr. Reed F. Noss , President, Florida Institute for Conservation Science, <i>Big Picture Ecology: How Deep History & Large Landscape Thinking Help Us Understand & Save Florida's Unique Biodiversity</i>
4:10-4:30	Dr. Richard Baker - Discussion and Summary

LEARN MORE ABOUT PELICAN ISLAND AUDUBON SOCIETY
WWW.PELICANISLANDAUDUBON.ORG

PHONE: 772-567-3520

EMAIL: PIAUDUBON@YAHOO.COM

Get Involved with Your Local Sustainability Advisory Board!

You can get involved by either being on a Board or attending the meetings to voice your opinion and get involved with local events.

Some cities call it an Environmental Board and some use the term Sustainability – whatever it's called, there's an opportunity for native plants and landscapes to preserve our native wildlife. Please check out the listing below or send your city information to us at ConradinachapterFNPS@gmail.com to include on the list.

Indialantic: Call the Town Hall at 321-723-2242 prior to the meeting to make ensure there is a quorum and the meeting is still a Go.

Palm Bay: Check out the Palm Bay website for agenda information and to make sure the meeting is still a Go. (palmbayflorida.org)

City	Meeting Time & Place	Website
Indialantic	5:30 pm on 4th Wednesday of the month in Council Chamber	Boards & Committees The Town of Indialantic Florida Official WebSite
Melbourne	2 pm on 3rd Friday of the month in City Hall Council Chamber	Beautification & Energy Efficiency Board City of Melbourne, FL (melbourneflorida.org)
Melbourne Beach	Melbourne Beach Environmental Advisory Board - Home Facebook	Sustainability Melbourne Beach FL https://www.melbournebeachfl.org/sustainability
Rockledge	6 pm on 2nd Thursday - February, June, and Oct. in Council Chamber at City Hall	The Rockledge Environmental Enhancement Board Rockledge, FL - Official Website (cityofrockledge.org)
Palm Bay	6 pm on 4th Wednesday of the month in Council Chambers, Palm Bay City Hall	Sustainability Advisory Board City of Palm Bay, FL (palmbayflorida.org)
Satellite Beach	6 pm on 4th Wednesday of the month in Council Chambers	Satellite Beach, FL

Nazarene Native Garden Committee Members Needed

If you've been to our new meeting location, you may have noticed the big open field in front just begging for native plants to encourage more pollinators and wildlife!

Conradina is paying Change of Greenery to develop the landscape plans for this area and we need some talented committee members to help us develop a long range plan to make this happen. Specifically, we need people to head up the following areas:

- Funding Coordinator - Identifying funding sources such as grants, business donations, in-kind donations, etc.
- Volunteer Coordinator – Contacting and coordinating volunteer groups to do the planting and maintenance when it's time.
- Communications Coordinator - Developing communications and publicity

If you're experienced in these areas and interested in serving on this committee alongside First Church of the Nazarene,

please contact Jane Higgins at janehiggins2016@gmail.com

And if you'd like to help with the planting and future maintenance, we'll be asking for those volunteers in the future so hang on!

Thank you!!



What's Polluting the Lagoon?

Two answers: See the pie chart and It's always changing.

The pie chart lists five categories of Nitrogen sources, which together with Phosphorous, the elements that “fertilize” algae blooms. The biggest contributor is Base Flow (31%): The groundwater flowing into the Lagoon and tributaries, bring with it pollution from septic systems, leaking sewer lines and reclaimed/reuse water from treatment facilities.

Next is Stormwater (26%) sweeping the pollution loading from fertilizer, grass clippings, pet waste as well as other pollutants including sediment, pesticides, oil and grease, etc. into the Lagoon. Third is Muck Flux (23%), we discussed last month, the ongoing chemical release of pollution and low dissolved oxygen from this accumulated “black mayonnaise-like” muck that coats parts of the Lagoon bottom. Atmospheric Deposition (19%), air pollution from cars, power plants, etc., is also a significant contributor.

Surprisingly, Point Sources (1%), including dumping from sewage treatment plants and other industrial facilities is smaller. This brings us to our second answer: The sources are always changing.

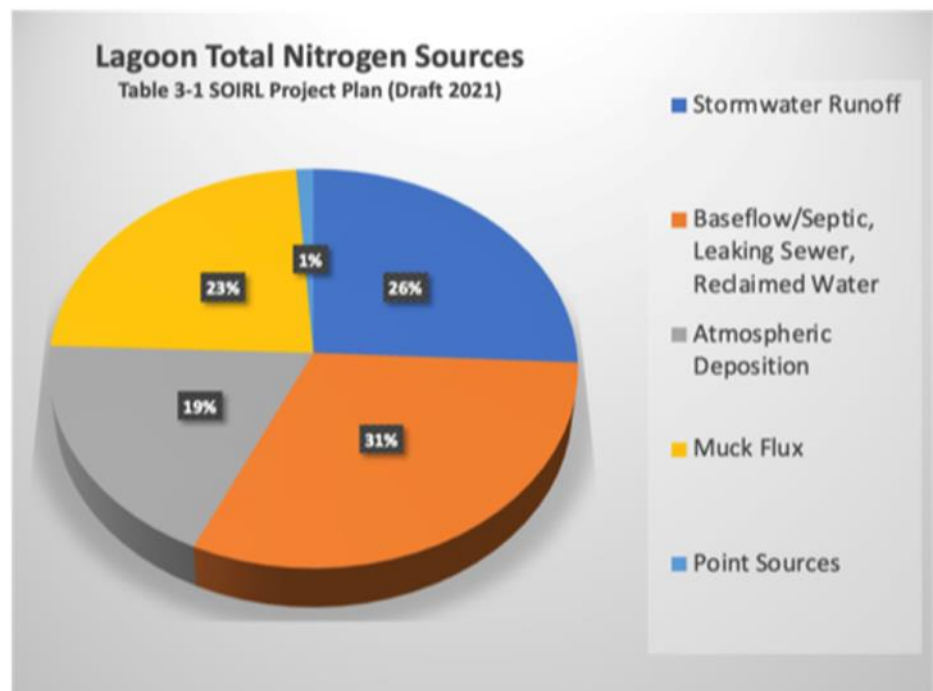
Until the mid-90s, when it was outlawed, more than 40 wastewater treatment facilities discharged approximately 45 Million Gallons/day of their wastewater straight into the Lagoon. If we included this in our pie chart, Point Sources could make up 20% of the contribution.

So far, the 151 projects completed and in process by Save Our Indian River Lagoon (SOIRL) Plan will reduce Total Nitrogen entering the Lagoon annually by nearly 1 Million lbs./yr. or about 36%. That's what we want to see; a dramatic decrease in the amount of algal nutrients so we can return the Lagoon to a healthy, seagrass-based ecosystem.

At present, we are working to correct problems we created by past growth and we have more yet to do. At the same time Brevard is continuing to grow which means we are adding new sources and additional pollution. Over the long run, we will have to have regulations that manage this growth/pollution and will require ongoing maintenance programs to keep our Lagoon healthy.

We're making progress and it's worth it!

For more visit: <https://helpthelagoon.org/>, <https://www.facebook.com/BIRLC>



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Lynda Geraci 2021-2023

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www.conradina.fnpschapters.org

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Chapter News

December Drive for Diapers

This holiday season Conradina has partnered with the First Church of the Nazarene. We are asking our members to bring a package of diapers to our December meeting to help with the expense of diapers during the holiday season for young families. Sizes requested are 18 months and up.

