

The VINE

“The Real Dirt from the Keyport Garden Club”

Contents

	Page
An Item of Interest from Your Club	1
Events	3
Things To Do in the Garden	20
No Time To Fritter Away	21
Season's Eatings	26

An Item of Interest from Your Club:



Here's a terrific, scary picture of a bald-faced hornet from Bobbie Carey. She has asked if she should call an exterminator or try to get rid of it herself. They are aggressive when the nest is approached and not only can sting repeatedly, but can squirt venom into the eyes of those they view as attackers. They are omnivorous and feed on spiders and other insects including native bees, which are under even greater threat than honeybees, a European import, after all. To assist the effort to conserve native bees, check out usnativebees.com to help in gathering crucial data.

Events to catch:

(Please note: some events may still be uncertain in light of the pandemic or require fees and/or preregistration -- double check before you go)

Keyport:

Wednesday, August 4

8:00 p.m.	Movie Night: Goonies	Waterfront
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Wednesday, August 11

8:00 p.m.	Movie Night: Wonder Woman 1984	Waterfront
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Wednesday, August 18

8:00 p.m.	Movie Night: Tom and Jerry	Waterfront
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Elsewhere:

Sunday, August 1

9:00 - 11:00 a.m.	Nature Walk	DeKorte Park, Lyndhurst
10:00 a.m. - 12:30 p.m.	Back Bay Birding by Boat on the Osprey	Miss Chris Marina, Cape May
2:00 -3:00 p.m.	Beehive Inspection	Cattus Island Park, Toms River
2:00, 3:00, 4:00 or 5:00 p.m.	Boat Tour	Manasquan Reservoir, Howell

Monday, August 2

7:30 - 9:30 a.m.	Birding the Meadows	South Cape May Meadows Preserve, Cape May
10:00 a.m. - 12:30 p.m.	Back Bay Birding by Boat on the Osprey	Miss Chris Marina, Cape May
11:00 a.m. - 3:00 p.m.	Barnegat Bay Lunch Cruise	Ocean County Parks Administration Office, Toms River

Tuesday, August 3

8:00 - 9:00 a.m.	Backyard Birding and Wildlife Gardening for Beginners	Cape May Bird Observatory, Cape May Point
2:00 p.m.	Growing in the Garden: Celebrate National Watermelon Day	Macculloch Hall, online
6:30 - 8:00 p.m.	Barnegat Bay at Twilight Boat Tour	Ocean County Parks Administration Office, Toms River

Wednesday, August 4

8:00 a.m. - 12:00 p.m.	Nature Walk	Double Trouble State Park, Berkeley
9:00 - 10:30 a.m.	Metedeconk Cruise	Trader's Cove Marina, Brick
1:00 - 2:00 p.m.	Wednesday Walkabout	Jenkins Arboretum, Devon, Pennsylvania
2:00, 3:00 or 4:00 p.m.	Boat Tour	Manasquan Reservoir
5:30 - 7:30 a.m.	Twilight Walk	South Cape May Meadows Preserve, Cape May

Thursday, August 5

7:00 - 9:00 a.m.	"Early Bird" Ornithology	Ocean County Parks Administration Office, Toms
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		River
8:30 - 10:30 a.m.	Bird Walk for All People	State Park, Cape May Point
10:30 a.m. - 12:30 p.m.	Hardy Plant Society Field Trip	Bellsflower Farm, Stockton
2:30 - 3:30 p.m.	Beautiful Beneficial Butterflies	Cattus Island Park, Toms River
6:00 - 8:00 p.m.	Sundowner by Boat on the Osprey	Miss Chris Marina, Cape May
6:30 - 8:30 p.m.	Nature Walk	DeKorte Park, Lyndhurst
7:00 - 8:00 p.m.	Rewilding the Home Garden: Pathways to Abundance for People, Plants and Wildlife	Bowman's Hill Wildflower Preserve, online
9:15 p.m.	Illuminated Fountain Performance	Longwood Gardens, Kennett Square, Pennsylvania

Friday, August 6

7:00 - 8:00 a.m.	Early Bird Beginner Bird Walk	Lorrimer Sanctuary, Franklin Lakes
7:30 - 9:30 a.m.	A Meadows Morning	South Cape May Meadows Preserve, Cape May
8:00 - 10:00 a.m.	Plants of Cranberry Bogs and Surrounding Pinelands	Cloverdale Farm Park, Barnegat
9:00 - 10:00 a.m.	Walking and Talking Greenwood's Trees	Greenwood Gardens, Short Hills
10:00 - 10:45 a.m.	Butterfly Walk in Garden	Manasquan Reservoir, Howell
6:00 or 7:00 p.m.	Boat Tour	Manasquan Reservoir, Howell

6:30 - 7:45 p.m.	Evening Garden Walk	Deep Cut Gardens, Middletown
6:30 - 8:00 p.m.	Barnegat Bay at Twilight Boat Tour	Ocean County Parks Administration Office, Toms River
9:15 p.m.	Illuminated Fountain Performance	Longwood Gardens, Kennett Square, Pennsylvania

Saturday, August 7

7:30 - 9:30 p.m.	Birding	State Park, Cape May Point
8:00 - 9:00 a.m.	Morning Walk	Scherman Hoffman Wildlife Sanctuary, Barnardsville
8:45 a.m. - 2:00 p.m.	Brigantine	Edwin B. Forsythe National Wildlife Refuge, Galloway
10:00 a.m. - 12:00 p.m.	Garden Arrangement the Sustainable Way	Deep Cut Gardens, Middletown
10:00 a.m. - 12:30 p.m.	Back Bay Birding by Boat on the Osprey	Miss Chris Marina, Cape May
10:30 a.m. and 1:30 p.m.	Guided Tour	Reeves-Reed Arboretum, Summit
11:00 a.m. - 7:00 p.m.	Sunflower Food Truck Fest	Von Thun Farms, Washington
2:00 - 3:00 p.m.	Edible History: Ice Cream	Historic Walnford Park, Upper Freehold
2:00 -3:00 p.m.	Hummingbirds at Home	Cattus Island Park, Toms River
2:00 - 3:00 p.m.	Flowers of the Pinelands and Their Pollinators	Cloverdale Farm Park, Barnegat
2:00, 3:00,	Boat Tour	Manasquan Reservoir,

4:00, or 5:00 p.m.		Howell
9:15 p.m.	Fireworks and Fountains Show: Sleeping Beauty	Longwood Gardens, Kennett Square, Pennsylvania

Sunday, August 8

8:00 - 10:00 a.m.	A Place for All Seasons	Sunset Beach, Lower Township
9:00 - 10:30 a.m.	From Harvest to Herbal Hydrosols	Deep Cut Gardens, Middletown
10:00 a.m. - 12:30 p.m.	Back Bay Birding by Boat on the Osprey	Miss Chris Marina, Cape May
10:00 a.m. - 2:00 p.m.	Machinery Expo	Longstreet Farm, Holmdel
2:00 -3:00 p.m.	Beehive Inspection	Cattus Island Park, Toms River
2:00 - 3:15 p.m.	So, You Bought a Plant at the Grocery Store. Now What?	Deep Cut Gardens, Middletown
2:00, 3:00, 4:00. or 5:00 p.m.	Boat Tour	Manasquan Reservoir, Howell

Monday, August 9

7:30 - 9:30 a.m.	Birding the Meadows	South Cape May Meadows Preserve, Cape May
10:00 a.m. - 12:30 p.m.	Back Bay Birding by Boat on the Osprey	Miss Chris Marina, Cape May

Tuesday, August 10

8:00 - 11:00	Beach Birds of Summer	State Park, Cape May Point
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a.m.		
11:00 a.m. - 3:00 p.m.	Barnegat Bay Lunch Cruise	Ocean County Parks Administration Office, Toms River
6:30 - 8:00 p.m.	Sunset Kayak Tour	Manasquan Reservoir, Howell
7:00 - 8:00 p.m.	Designing and Planting with Native Plants: Creating a Native Habitat	Jersey Friendly Yards, online

Wednesday, August 11

10:00 - 10:45 a.m.	Butterfly Walk in Garden	Huber Woods Park, Locust
1:00 - 2:00 p.m.	Wednesday Walkabout	Jenkins Arboretum, Devon, Pennsylvania
2:00, 3:00 or 4:00 p.m.	Boat Tour	Manasquan Reservoir, Howell
5:30 - 7:30 a.m.	Twilight Walk	South Cape May Meadows Preserve, Cape May
6:30 - 8:00 p.m.	Barnegat Bay at Twilight Boat Tour	Ocean County Parks Administration Office, Toms River

Thursday, August 12

8:30 - 10:30 a.m.	Bird Walk for All People	State Park, Cape May Point
10:00 - 11:00 a.m.	Shaded Plants: The Garden's Hidden Treasures	Grounds for Sculpture, Hamilton
10:00 - 11:30 a.m.	Forest Eats and Wild Treats	Freneau Woods Park, Aberdeen

2:30 - 3:30 p.m.	Beautiful, Beneficial Butterflies	Cattus Island Park, Toms River
6:00 - 7:15 p.m.	Cooking and Loving with Your CSA	Ironbound Farm, Alexandria Township
6:00 - 8:00 p.m.	Sundowner by Boat on the Osprey	Miss Chris Marina, Cape May
6:30 - 7:30 p.m.	After Work Bird Walk	Dorbrook Recreation Area, Colts Neck
7:00 - 8:00 p.m.	Native Gardens for Non-Traditional Spaces: Rewilding Our Patios, Streets and Container Gardens	Bowman's Hill Wildflower Preserve, online
6:30 - 8:00 p.m.	Barnegat Bay at Twilight Boat Tour	Ocean County Parks Administration Office, Toms River
9:15 p.m.	Illuminated Fountain Performance	Longwood Gardens, Kennett Square, Pennsylvania

Friday, August 13

7:00 - 8:00 a.m.	Early Bird Beginner Bird Walk	Lorrimer Sanctuary, Franklin Lakes
7:00 - 9:00 a.m.	Birding	Higbee Beach Wildlife Management Area, Lower Township
9:00 - 10:00 a.m.	What's in Bloom Walk	Greenwood Gardens, Short Hills
10:00 - 10:45 a.m.	Butterfly Walk in Garden	Deep Cut Gardens, Middletown
11:30 a.m. - 12:30 p.m.	Herbal Teas and Flowers, Please	Jakes Branch Park, Beachwood
6:00 - 7:30 p.m.	Bird and Wildlife Boat Tour	Manasquan Reservoir, Howell

9:15 p.m.	Illuminated Fountain Performance	Longwood Gardens, Kennett Square, Pennsylvania
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Saturday, August 14

7:30 - 9:30 a.m.	Birding	State Park, Cape May Point
8:00 - 9:00 a.m.	Morning Walk	Scherman Hoffman Wildlife Sanctuary, Bernardsville
8:45 a.m. - 2:00 p.m.	Brigantine	Edwin B. Forsythe National Wildlife Refuge, Galloway
10:00 - 11:00 a.m.	Shaded Plants: The Garden's Hidden Treasures	Grounds for Sculpture, Hamilton
10:00 a.m. - 12:00 p.m. or 1:00 - 3:00 p.m.	Bold Blooms Workshop	Jenkins Arboretum, Devon, Pennsylvania
10:00 a.m. - 12:30 p.m.	Back Bay Birding by Boat on the Osprey	Miss Chris Marina, Cape May
10:30 a.m. or 1:30 p.m.	Guided Tour	Reeves-Reed Arboretum, Summit
2:00 - 3:00 p.m.	Osprey Watch	Cattus Island Park, Toms River
2:00 - 3:00 p.m.	Nature Walk: Flowers	Cloverdale Farm Park, Barnegat
2:00, 3:00, 4:00, or 5:00 p.m.	Boat Tour	Manasquan Reservoir, Howell
9:15 p.m.	Illuminated Fountain Performance	Longwood Gardens, Kennett Square, Pennsylvania

Sunday, August 15

7:30 - 9:30 a.m.	Above Par Birding	Cox Hall Creek Wildlife Management Area, Villas
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10:00 a.m. - 12:30 p.m.	Back Bay Birding by Boat on the Osprey	Miss Chris Marina, Cape May
2:00 -3:00 p.m.	Beehive Inspection	Cattus Island Park, Toms River
2:00, 3:00, 4:00 or 5:00 p.m.	Boat Tour	Manasquan Reservoir

Monday, August 16

7:00 - 9:00 a.m.	"Early Bird" Ornithology	Ocean County Parks Administration Office, Toms River
7:30 - 9:30 a.m.	Birding the Meadows	South Cape May Meadows Preserve, Cape May
9:00 - 10:30 a.m.	Birding	Conaskonk Point, Union Beach
10:00 a.m. - 12:30 p.m.	Back Bay Birding by Boat on the Osprey	Miss Chris Marina, Cape May
6:00 - 7:15 p.m.	Grower and Farmer Speaker Series: Doug Tallamy, Author of <u>Nature's Best Hope</u>	Northeast Organic Farming Association of New Jersey, online

Tuesday, August 17

7:30 a.m. - 4:00 p.m.	The Basics of Birding	Cape May Bird Observatory, Cape May Point
9:00 a.m.	The Casual Birder	Hartshorne Woods Park, Locust
11:00 a.m. - 3:00 p.m.	Barnegat Bay Lunch Cruise	Ocean County Parks Administration Office, Toms River
12:00 - 1:00 p.m.	Lunchtime Tour: What Is New in the Garden	The Scott Arboretum, Swarthmore, Pennsylvania

2:00 p.m.	Growing in the Garden: Catch the Buzz on Bees	Macculloch Hall, online
2:30 - 3:30 p.m.	Beautiful, Beneficial Butterflies	Cattus Island Park, Toms River
6:00 - 7:00 p.m.	Art in the Garden: Theresa Shields	Pennsylvania Horticultural Society, online
6:00 - 7:30 p.m.	Organic Gardening Course -- Small Fruit Primer	Drumthwacket, Princeton
7:00 - 8:00 p.m.	All About Bulbs	Ocean County Master Gardeners, online
6:30 - 8:00 p.m.	Barneget Bay at Twilight Boat Tour	Ocean County Parks Administration Office, Toms River

Wednesday, August 18

8:00 - 9:00 a.m.	Wake Up Bird Walk	Big Brook Park, Marlboro
9:00 - 10:00 a.m.	Morning Bird and Wildlife Walk	Bayshore Waterfront Park, Port Monmouth
9:00 - 10:30 a.m.	Metedeconk Cruise	Trader Joe's Marina, Brick
9:00 - 11:00 a.m.	Pinelands Nature Walk	Cloverdale Farm Park, Barneget
9:00 - 11:00 a.m.	Nature Walk	Mill Creek Marsh, Secaucus
11:00 a.m. - 12:00 p.m.	Flower Arranging with Flowers from Your Garden	Ocean County Tree Nursery, Jackson
1:00 - 2:00 p.m.	Wednesday Walkabout	Jenkins Arboretum, Devon, Pennsylvania
2:00, 3:00 or 4:00 p.m.	Boat Tour	Manasquan Reservoir, Howell

5:30 - 7:30 p.m.	Twilight Walk	South Cape May Meadows Preserve, Cape May
6:00 p.m.	Twilight Walking Tour	Morven Museum and Gardens, Princeton

Thursday, August 19

8:30 - 10:30 a.m.	Bird Walk for All People	State Park, Cape May Point
2:30 - 4:00 p.m.	Native Tree ID	Lorrimer Sanctuary, Franklin Lakes
4:00 - 8:00 p.m.	Dinner Cruise of Barnegat Bay	Ocean County Parks Administration Office, Toms River
4:00 - 9:30 p.m.	Vegetable Twilight Meeting and Research Tour	Rutgers Agricultural and Extension Center, Bridgeton
4:30 - 5:30 p.m.	Tropical Plants, The August Gardener's Best Friend	Deep Cut Gardens, Middletown
6:00 - 8:00 p.m.	Sundowner by Boat on the Osprey	Miss Chris Marina, Cape May
6:30 - 8:30 p.m.	Nature Walk	DeKorte Park, Lyndhurst
7:00 - 8:30 p.m.	Backyard Forestry in Ninety Minutes	New Jersey Forestry Association, online
7:00 - 8:30 p.m.	Landscapes of Whiteness -- Colonialism, Exclusion and Visions of Nature from the 1830s to the 1930s	Jenkins Arboretum, online
6:30 - 8:00 p.m.	Barnegat Bay at Twilight Boat Tour	Ocean County Parks Administration Office, Toms River
9:15 p.m.	Illuminated Fountain Performance	Longwood Gardens,

		Pennsylvania
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Friday, August 20

7:00 - 8:00 a.m.	Early Bird Beginner Bird Walk	Lorrimer Sanctuary, Franklin Lakes
7:00 - 9:00 a.m.	Birding	Higbee Beach Wildlife Management Area, Lower Township
8:00 - 10:00 a.m.	Plants of Cranberry Bogs and Surrounding Pinelands	Cloverdale Farm Park, Barnegat
9:00 - 10:00 a.m.	A Walk Through Greenwood's Past	Greenwood Gardens, Short Hills
6:00 - 7:00 or 7:00 - 8:00 p.m.	Ice Cream and Evening Boat Tour	Manasquan Reservoir, Howell
6:30 - 8:00 p.m.	Barnegat Bay at Twilight Boat Tour	Ocean County Parks Administration Office, Toms River
8:00 - 10:00 p.m.	Meet the Moths of New Jersey	Duke Farms, Hillsborough
9:15 p.m.	Illuminated Fountain Performance	Longwood Gardens, Kennett Square, Pennsylvania

Saturday, August 21

7:30 - 9:30 a.m.	Birding	State Park, Cape May Point
8:00 - 9:00 a.m.	Morning Walk	Scherman Hoffman Wildlife Sanctuary, Bernardsville
8:00 a.m. - 12:00 p.m.	Nature Walk	Freedom Fields Park, Little Egg Harbor
8:30 a.m. - 12:30 p.m.	Fall Finale and Winter Prep	Rutgers Office of Continuing Professional Education, online

8:45 a.m. - 2:00 p.m.	Brigantine	Edwin B. Forsythe National Wildlife Refuge
9:00 - 11:00 a.m.	Photo Walk	Jenkins Arboretum, Devon, Pennsylvania
10:00 a.m. - 12:00 p.m.	The Buzz about Bees	Jake's Branch Park, Beachwood
10:00 a.m. - 12:30 p.m.	Back Bay Birding by Boat on the Osprey	Miss Chris Marina, Cape May
10:00 a.m. - 4:00 p.m.	Garden Conservancy Open Day	Highview, North Salem, New York
10:00 a.m. - 4:00 p.m.	Garden Conservancy Open Day	Rumford Hall, Brewster, New York
10:30 a.m. or 1:30 p.m.	Guided Tour	Reeves-Reed Arboretum, Summit
2:00 -3:00 p.m.	Butterfly and Bog Garden Stroll	Cattus Island Park, Toms River
2:00, 3:00, 4:00 or 5:00 p.m.	Boat Tour	Manasquan Reservoir, Howell
2:00 - 3:15 p.m.	So, You Bought a Plant at the Grocery Store. Now What?	Deep Cut Gardens, Middletown
5:30- 8:30 p.m.	Birds and Bats at Dusk	Petty's Island, Pennsauken
9:15 p.m.	Illuminated Fountain Performance	Longwood Gardens, Kennett Square, Pennsylvania

Sunday, August 22

7:30 - 9:30 a.m.	Above Par Birding	Cox Hall Creek Wildlife Management Area, Villas
10:00 a.m. - 12:00 p.m.	Wilding Walls, Fruiting Fences	Garden of Shobha Vanchiswar and Murali Mani, Chappaqua, New York

10:00 a.m. - 12:30 p.m.	Back Bay Birding by Boat on the Osprey	Miss Chris Marina, Cape May
12:00 - 2:00 p.m.	Pollinators of Ocean County	Cattus Island Park, Toms River
2:00 -3:00 p.m.	Beehive Inspection	Cattus Island Park, Toms River
2:00 - 2:30 p.m.	Carillon Concert	Longwood Gardens, Kennett Square, Pennsylvania
2:00, 3:00, 4:00 or 5:00 p.m.	Boat Tour	Manasquan Reservoir, Howell
8:00 - 9:00 p.m.	By the Light of the Sturgeon Moon	Ridge and Valley Conservancy Dark Moon Preserve, Green

Monday, August 23

7:30 - 9:30 a.m.	Birding the Meadows	South Cape May Meadows Preserve, Cape May
10:00 a.m. - 12:30 p.m.	Back Bay Birding by Boat on the Osprey	Miss Chris Marina, Cape May
8:00 - 9:00 p.m.	Summer's Wonderful World of Moths	Manasquan Reservoir, Howell

Tuesday, August 24

7:00 - 9:00 a.m.	"Early Bird" Ornithology	Ocean County Parks Administration Office, Toms River
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Wednesday, August 25

1:00 - 2:00 a.m.	Wednesday Walkabout	Jenkins Arboretum, Devon, Pennsylvania
2:00, 3:00 or	Boat Tour	Manasquan Reservoir, Howell

4:00 p.m.		
4:00 - 5:30 p.m.	Floral Spotlight: Longwood in Season	Longwood Gardens, online
5:30 - 7:30 p.m.	Twilight Walk	South Cape May Meadows Preserve, Cape May
7:00 p.m.	Rhododendron Legacy	Laurelwood Arboretum, online

Thursday, August 26

8:30 - 10:30 a.m.	Bird Walk for All People	State Park, Cape May Point
2:30 - 3:30 p.m.	Beautiful, Beneficial Butterflies	Cattus Island Park, Toms River
5:00 - 8:00 p.m.	Summer Picnic	Jenkins Arboretum, Devon, Pennsylvania
6:00 - 8:00 p.m.	Sundowner by Boat on the Osprey	Miss Chris Marina, Cape May
6:00 - 7:30 p.m.	Barnegat Bay at Twilight Boat Tour	Ocean County Parks Administration Office, Toms River
9:15 p.m.	Illuminated Fountain Performance	Longwood Gardens, Kennett Square, Pennsylvania

Friday, August 27

7:00 - 8:00 a.m.	Early Bird Beginner Bird Walk	Lorrimer Sanctuary, Franklin Lakes
7:00 - 9:00 a.m.	Birding	Higbee Beach Wildlife Management Area, Lower Township
9:00 - 10:00 a.m.	A Walk Through Greenwood's Past	Greenwood Gardens, Short Hills

6:00 - 7:30 p.m.	Birding	Conaskonk Point, Union Beach
6:30 - 7:45 p.m.	Evening Garden Walk	Deep Cut Gardens, Middletown
6:00 - 7:30 p.m.	Barnegat Bay at Twilight Boat Tour	Ocean County Parks Administration Office, Toms River
9:15 p.m.	Illuminated Fountain Performance	Longwood Gardens, Kennett Square, Pennsylvania

Saturday, August 28

7:30 - 9:30 a.m.	Birding	State Park, Cape May Point
8:00 - 9:00 a.m.	Morning Walk	Scherman Hoffman Wildlife Sanctuary, Bernardsville
8:00 - 11:00 a.m.	Summer Meander	Hatfield Swamp, West Caldwell
8:30 a.m. - 12:30 p.m.	Fall Gardeners' Market	Pennsylvania Horticultural Society Meadowbrook Farm, Jenkintown, Pennsylvania
8:45 a.m. - 2:00 p.m.	Brigantine	Edwin B. Forsythe National Wildlife Refuge, Galloway
9:30 a.m.	North American Butterfly Association -- New Jersey Field Trip	High Point State Park, Wantage
10:00 - 11:30 a.m.	Tropical Border Tour	Snug Harbor Cultural Center and Botanical Garden, Staten Island, New York
10:00 a.m. - 12:30 p.m.	Back Bay Birding by Boat on the Osprey	Miss Chris Marina, Cape May
10:00 a.m.	Harvesting Vegetable Garden Crops	Mercer County Master Gardeners, online

10:00 - 11:00 a.m.	Native Plant Potpourri -- A Walk in the Garden	Huber Woods Park, Locust
10:30 - 11:45 a.m.	Classic American Centerpiece	Deep Cut Gardens, Middletown
10:30 a.m. or 1:30 p.m.	Guided Tour	Reeves-Reed Arboretum, Summit
12:00 - 2:00 p.m.	Potato Harvest	Longstreet Farm, Holmdel
2:00, 3:00, 4:00 or 5:00 p.m.	Boat Tour	Manasquan Reservoir, Howell
9:15 p.m.	Illuminated Fountain Performance	Longwood Gardens, Kennett Square, Pennsylvania

Sunday, August 29

7:30 - 9:30 a.m.	Above Par Birding	Cox Hall Creek Wildlife Management Area, Villas
9:00 - 10:00 a.m.	Morning Bird and Wildlife Walk	Big Brook Park, Marlboro
10:00 a.m. - 12:30 p.m.	Back Bay Birding by Boat on the Osprey	Miss Chris Marina, Cape May
12:00 - 2:00 p.m.	Potato Harvest	Longstreet Farm, Holmdel
1:00 - 2:30 p.m.	Ales and Trails	Clayton Park, Upper Freehold
2:00 -3:00 p.m.	Beehive Inspection	Cattus Island Park, Toms River
2:00, 3:00, 4:00 or 5:00 p.m.	Boat Tour	Manasquan Reservoir, Howell

Monday, August 30

7:30 - 9:30 a.m.	Birding the Meadows	South Cape May Meadows Preserve, Cape May
10:00 a.m. - 12:30 p.m.	Back Bay Birding by Boat on the Osprey	Miss Chris Marina, Cape May

Tuesday, August 31

9:00 a.m.	The Casual Birder	Dorbrook Recreation Area, Colts Neck
9:00 - 11:00 a.m.	Introduction to Pruning Techniques	Rutgers Office of Continuing Professional Education, online
6:00 - 8:00 p.m.	Nature Walk	DeKorte Park, Lyndhurst

Lots to do in the garden this month (courtesy of the New York Botanical Garden):

As drought is likely at this time of year, pay attention to water needs of plants and soak the ground deeply.

Do not let spring-planted nursery stock, especially evergreens, dry out.

Keep weeds down with mulch, especially around shallow-rooted plants, as heathers, blueberries, azaleas and camellias, as the soil around these plants should not be cultivated.

Keep flowering plants dead-headed, even if additional bloom is not anticipated.

Order fall-flowering bulbs, and plant.

Compost.

Keep a sharp eye out for pests and diseases, and maintain regular spraying and dusting schedule for those plants that need it.

Lift houseplants that are buried to their rims occasionally, and trim off roots that are coming through the holes.

Root cuttings of houseplants and tender perennials for bloom next spring or summer.

Sow seeds outdoors of annuals without delay for seedlings to pot up in September for windowsill bloom.

Plant biennials and Japanese and Siberian irises without delay.

Transplant or divide peonies carefully near the end of the month.

Cut back phlox that has finished flowering, and lift and divide if necessary.

Mow lawns no lower than 2 inches, and do not fertilize until fall.

Begin preparations for new lawn, including grading and fertilizing beginning in the middle of the month, and cultivate periodically to destroy weeds prior to seeding next month.

Cut back leggy annuals.

Make final succession plantings of carrots, beans, spinach, endive and lettuce and any crops with moderately long maturities; average first frost is 60 days from August 16.

No Time To Fritter Away

Although temperatures are still likely to be in Hellish range this month, it is not too soon to be thinking about bulb planting for next spring, particularly if something other than the usual crocus, narcissus or tulips is contemplated. One broad genus from which to pick some more unusual specimens is the fritillaries.

Fritillaria, a large genus in the family *Liliaceae*, consists of 130 to 140 species. Closely related to the *Lilium* genus, it is native to the temperate regions of the Northern Hemisphere, from the Eastern Mediterranean to Southwest Asia and to California and the Pacific Northwest, to which it is thought to have come across the Bering Strait. Fritillaries were known in Persia by the sixteenth century, from which they followed the "Tulip Trail"* through Turkey to Europe. The genus name derives from the distinctive checkered pattern appearing on the type species, *F. meleagris*, guinea fowl fritillary, for its mottled plumage or snake's head fritillary for its scale-like skin patterns. The earliest European reference is in a letter dated December 12, 1571 from Noel Capperon, an Huguenot apothecary from Orleans, to Carolus Clusius, the prefect of the imperial medical garden in Vienna:

Thus we were calling the plant that you requested fritillaria for the red and white marks or spots are those that are placed in order, like those of our checkerboards and some chess boards. For that same reason, they give these names -- pyrgoides or rhomboides -- to it.

Capperon's Latin was not quite up to the task, as a *fritillus* in Latin was a dice box, and not a checker or chess board. While defined in Classical sources as cylindrical with internal ribs, many surviving examples of dice boxes are rectangular, tall and fashioned in a latticework design, which would well fit the description of pyrgoides, from the Greek Πύργος (*purgos*) meaning tower, or even rhomboides, meaning rhomboid, a parallelogram without right angles. Clusius retained the *Fritillaria* genus name on the understanding that it was indeed derived from a dice box. Rembert Dodoens, a Flemish physician considered the father of modern botany, also corresponded with Capperon and, in his own 1574 work *Purgatorium (Of*

Purgatives), he used the name *Meleagris flos*, the guinea fowl flower, and made no mention of Capperon. In 1593, Shakespeare described it in *Venus and Adonis*, a poem published as a quarto pamphlet, as "[a] purple flower sprung up, chequer'd with white[,]]" but did not refer to it by name.

Over the centuries, various *Fritillariae* have been grouped with lilies and with narcissus and, from the nineteenth century, were grouped into several subgenera. With the advent of DNA analysis, the genus was able to be divided into two clades, the North American and the European, and into eight subgenera within the last two decades:

Liliorhiza subgenus comprises the North American clade. Its bulbs are composed of overlapping scales with loosely attached bulbils, called "rice grains" for their appearance, and bear whorled leaves on their stems.

Davidii subgenus, native to Sichuan, China, is monotypic for *F. davidii*, David's fritillary. It bears one to two nodding, small, bell-shaped yellow flowers with purple markings below the tips, to give a sort of French manicure effect. Its leaves are basal and its bulbs contain rice-grain bulbils.

Petilium subgenus contains four species of large, sturdy bulbs comprised of large, overlapping scales that bear three to five flowers in a terminal umbel in the axils of the lower side of a leaf whorl, whose crown-like appearance, as well as its impressive size, is responsible for the species name of the spectacular *F. imperialis*. It is found in Iran, Turkey, Iraq, Afghanistan and the western Himalayas.

Korolkowia subgenus is monotypic for *F. sewerzowii*, native to the alpine areas of Central Asia, especially Kyrgyzstan and Uzbekistan. Its egg-shaped bulb with a large, fleshy scale, yields fleshy, oval leaves at the base and evenly distributed up the stem and up to ten small, purplish, star-shaped flowers from the leaf axils farther up the stem.

Theresia subgenus, native to Western Asia, is monotypic for *F. persica*, second only to *F. imperialis* in size. Its bulb, with a single, large, fleshy scale, bears numerous racemous flowers on a tall stem.

Rhinopetalum subgenus from Russia and Central Asia contains four species, with small bulbs, leaf stems and flowers appearing in terminal racemes.

Japonica subgenus consists of eight species native to Japan. The small bulbs have two to three solid scales without rice grains and bear dwarf, delicate plants with single, small, bell-shaped flowers on short pedicels on stems with three whorled leaves at the top and broader, opposite leaves below.

Fritillaria subgenus consists of about 100 species, over seventy percent of the genus, and can be found from Western Europe to East Asia. Bulbs are covered with two fleshy, tunicated scales from the previous year's growth. Leaves are cauline and opposite or whorled. Most flowers are solitary, bell-shaped and nodding with six tepals in two whorls of three.

For home gardeners, the only practical use for these bulbs is ornamental. Although the indigenous species were purportedly eaten by Native Americans, most of the bulbs contain toxic alkaloids, such as imperialin found in *F. imperialis*, whose "foxy" odor is caused by dimethylallyl mercaptan, a sulphur compound closely related to the odorant added to natural gas. *Fritillaria*, nonetheless, especially *F. cirrhosa*, is widely prized in Chinese medicine, where it is used in anti-inflammatory, antitussive, expectorant and antihypertensive compounds. As a result, many species are becoming endangered in certain areas and, of the numerous species comprising the genus, only a relative few are commercially available in the United States, most of which follow:

F. acmopetula, pointed petal fritillary, is an Eastern Mediterranean native with bell-shaped flowers with recurved tepals appearing in mid-spring; it grows to 24 inches high, spreads to 8 inches and is hardy to Zone 6.

F. meleagris, the guinea fowl flower or snake's head flower, blooms in spring and is available in traditional purple with white checks or in white on white; it grows to 12 inches high and barely spreads, tolerates more shade than other fritillaries and is hardy to Zone 3.

F. imperialis, Kaiser's crown or crown imperial, also sometimes listed commercially as *F. lutea*, blooms in mid-spring in yellow, orange or red; it grows to 40 inches high, spreads to 12 inches and is hardy to Zone 5.

F. persica, Persian fritillary, bears tall stalks covered with small, bell-shaped flowers in spring; it grows to 30 inches, spreads to 12 inches and is hardy to Zone 5.

F. graeca, the Greek fritillary, bears brownish red and yellow-green striped flowers in spring; it grows to 12 inches, barely spreads and is hardy to Zone 6; it is also quite rare and endangered in its native habitat -- be sure any bulbs have been sustainably produced.

F. raddeana, is a rare Asian fritillary, which bears off-white flowers similar in appearance to the crown imperial in mid-spring; it grows to 30 inches high, spreads to 12 inches and is hardy to Zone 5.

F. uvo-vulpis, Fox's grape fritillary, is named for its unpleasant odor, which also repels deer and rabbits, and in late spring bears maroon bell-shaped blooms tipped with yellow similar to David's fritillary, but without the checkered patterning; it grows to 12 inches, spreads to 5 inches and is hardy to Zone 5.

F. thunbergii, native to Kazakhstan and Xinjiang, China and naturalized in other parts of China and Japan, has cream and deep purple checkered markings within the bell-shaped blooms that appear in spring on tall stems bearing whorls of leaves with twining tendrils at the tip; it grows to 24 inches, spreads to 8 inches and is hardy to Zone 6.

F. michailovsky, native to Turkey, bears maroon bell-shaped flowers with yellow tips amid narrow, strap-like leaves in spring; it grows to 8 inches high, barely spreads and is hardy to Zone 5.

F. pallidiflora, Siberian fritillary, bears nodding, bell-shaped, greenish yellow flowers with tiny interior brown freckles in late spring; it grows to 14 inches, barely spreads and is hardy to Zone 3.

Fritillaria require rich, well-draining and neutral soil, preferably a sandy loam, in an area that receives full sun to part sun or dappled sun. Do not plant them in raised beds or outdoor containers. Soil can be amended with sand, peat moss or well-aged, neutral pH compost. Do not use any manure or other immature compost. Plant large bulbs 6 to 7 inches deep and 8 to 10 inches apart, smaller bulbs 5 to 6 inches deep and 5 to 6 inches apart in the fall, when the ground has chilled to around 55°. Plant as soon as they are acquired -- fritillaries do not store well out of soil. Do not add fertilizer to the planting hole, but simply fill in with soil to the level of the bed and tamp down to even out the surface, so that there is no opportunity for water to pool. Broadcast an all-purpose, granular, organic fertilizer over the surface. After the ground freezes, apply no more than 2 inches of mulch. Fertilize again when sprouts emerge in the spring and again when flowers start to die.

Fritillaria have very few predators. They are deer and rodent resistant, some species and cultivars more than others -- your nose will tell you which are most likely to be left alone. The plants' most dangerous predator is man. Habitat loss and medicinal and ornamental

desirability have brought some species to the edge of extinction; indeed, *F. delavayi*, has evolved into different color types to match its varied habitat in China so as to be effectively camouflaged. It is therefore important to make sure that any bulbs you buy are not contributing to the problem. If they are sustainably propagated, they can be an exotic, unusual and beautiful addition to the spring garden.

*See, "Last Call," *The Vine*, November 2020.

Season's Eatings

Thanks to Beth Advani:

Zucchini Butter Spaghetti

kosher salt
8 oz. (225 gr.) spaghetti
1 1/4 lb. (570 gr.) zucchini, coarsely grated
6 tbsp. (85 gr.) unsalted butter
4 cloves garlic, minced
red pepper flakes
1/2 cup (45 gr.) grated Parmesan
handful fresh basil, slivered

Boil your spaghetti in well-salted water until it's 1 minute shy of fully cooked. Before you drain it, reserve 1 cup of the pasta cooking water and set it aside. Melt butter in your empty pan over medium-high heat and add the garlic, stirring it into the butter for one minute before adding the zucchini, 1 1/2 tsp. salt, and 1/4 tsp. red pepper. Cook the zucchini, stirring from time to time, for 13 to 15 minutes. It will first let off a puddle liquid, the liquid will cook off, and the zucchini will become soft and concentrated. If the zucchini begins to brown, reduce the heat slightly. Stir frequently for 2 more minutes, chopping it down into smaller bits with the edge of your spoon or spatula, until it reaches an almost spreadable consistency. Pour in 1/2 cup of the reserved pasta water and stir up anything stuck,

then add drained pasta, and cook together for 2 minutes. Use tongs or two forks to pull up the zucchini butter sauce into the pasta strands, tossing frequently, and adding some or all of the remaining pasta water as needed to loosen. Toss in half of the parmesan and basil and mix, adjust seasonings, then transfer to a serving bowl. Finish with remaining parmesan and basil.

2-4 servings.