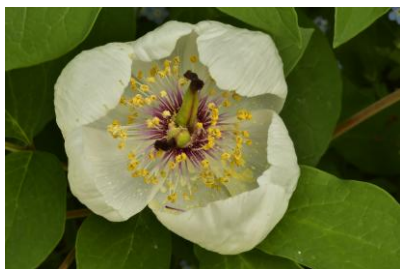


Gardening Notes for May



Paeonia japonica



Gladiolus x byzantinus



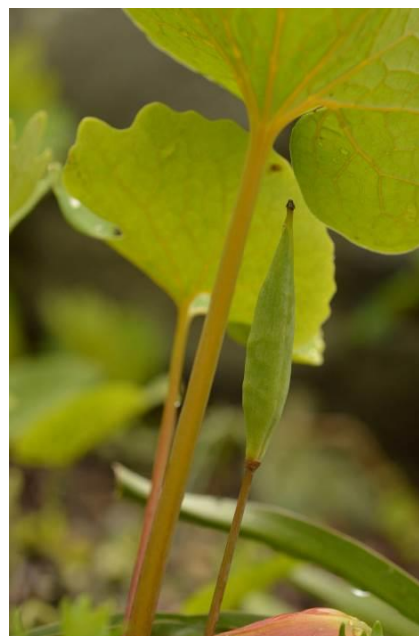
Rosa blanda

With the chill of March and the showers of April behind us, early May looks to provide a wonderful assortment of spring ‘bloomers’, such as the Woodland Peony (above left), the Hardy Gladiolus (above center) or the Smooth Rose (above right) to mention but just a few. The winter and early spring was certainly colder than usual and many plants are blooming later this year when compared to the past couple of years. Regardless of the later blooms, May remains a hectic month and not everything may get accomplished as you wish. Still, it is important to take the time to make notes in your journal and enjoy some long evening strolls in your garden. After all, no one will enjoy your efforts better than you!

Things to do:

Garden

- Prune and shape Azaleas and Rhododendrons as they finish blooming. This will improve the habit of the plant while still ensuring flower bud development for next year. If time allows, the spent flower trusses can be also be removed, which will help increase the number of blooms next year.
- By late May it will be clearly evident which parts of a plant have died back from winters chill and/or last year’s drought. Always check the base of the stems to check for mice girdling. It often becomes an issue when weeds or groundcovers obscure the base of a plant. Abundant snow this winter also provided concealment, allowing mice to covertly dine on the bark.
- If you have fertile soils, some perennials such as New York and New England Asters, as well as the taller Sedums, such as ‘Autumn Joy’ should be pinched in mid to late May to prevent them from flopping later in the season.
- Some plants such as Bloodroot (*Sanguinaria canadensis*) can be easily sown in the garden by seed. Look under the foliage for the seed pods (pictured at right) and lightly squeeze the pod. If it splits open, the seeds are rip and spread them close to where you would like to add some plants. I say close since the seeds



are moved about by ants, so the planting will assume a very naturalistic appearance, based on where the ants finally deposit the unharmed seeds! Other plants such as Winter Aconite (*Eranthis hyemalis* as seen at right) have seed that is dispersed by wind when the cup-shaped seed capsules are wide open. As the plants rock back and forth in the wind, the



seed is tossed a short distance from the capsules where they will germinate the following spring. Longwood Gardens has found collecting and distributing the seed of *Eranthis* to new areas of the garden to be a far more successful, albeit a slower method of spreading the plants than the typical method of installing the tubers in the fall, since the tubers are not always viable.

- For a neat garden, edge those bedlines and compost the remnants!
- Always make certain the soil has drained adequately following a rain before working it, as disturbing wet soil will destroy the soil structure. If you can make the soil into a baseball, it is too moist!
- Plant out tender annuals after the last frost-free date in your part of the state (generally May 15th, but frosts can occur later). Temperatures in May can fluctuate from 90° one day to 30° the next! Also, certain annuals that like it warm, such as the annual Vinca (*Catharanthus*) and ornamental Sweet Potato Vines (*Ipomea*) should not be planted until late May or early June for best results.
- Bring out your containers of overwintered Geophytes like Pineapple Lily (*Eucomis* ‘Sparkling Burgundy’) pictured at right in early May. After sitting in a cool garage or basement all winter without water, start to water and place them out in full sun. If the bulb has been in the same pot for over 5 years, it undoubtedly has a lot of offsets and is in need of up-potting into a container 2-4” larger in diameter! Same is true of *Acidanthera* (Abyssinian Gladiolus) and many others!
- Remove the Banana and Canna roots from the basement and plant them in a sunny location in soils that are enriched with compost to help hold moisture.
- If you have yet to buy any Canna or Banana plants, this is the month to pick some up at the local garden center. They are great for providing texture and color!
- *Colocasia* and *Alocasia* tubers or potted plants, depending upon how you purchased or overwintered the plants, can be planted out in early May. They are surprisingly tolerant of cooler temperatures when young.



- Pot up Dahlia tubers to get them started or plant them directly come late May.
- Finish mulching perennial or shrub borders during the early May. If you have repeatedly mulched the bed over the past few years, it may not need any added mulch. I was recently working in such a bed and was astonished at the 2-3" layer of mulch still present!
- Weed! Remember the average weed seed's life is 7 years, so remove those early to flower cool season weeds before they go to seed. In particular, remove Garlic Mustard (*Alliaria petiolata*), as it has a harmful allopathic effect on all neighboring plants, including shade trees.
- Take a hike to learn about plants! Last year I was hiking in the Shenandoah Mts. and saw Ninebark (*Physocarpus opulifolius*) blooming on a rocky outcrop (pictured above). I never knew the plant grew naturally in these conditions and it was just what I needed for a spot at home!



Vegetable

- For vegetable gardens, use a broadfork to gently loosen and aerate the soil. A broadfork has 3-5 sharp tines that penetrate into the soil with two 5' long handles (as pictured at right). By using your body weight against the handles and rocking back and forth, the soil is loosened but not disrupted. Tilling the soil damages both the beneficial fungus and earthworms who help aerate the soil, which assist the vegetables in obtaining nutrients and water. Current research shows that fungus also produces and transfers the amino acid Ergothioneine to vegetables. Ergothioneine is an antioxidant with anti-inflammatory properties that has been shown to battle chronic illness and allow people to live longer. You have to love soil fungus!
- Get the soil for Vegetable Gardens tested for nutrients and the pH level if it has not been tested in a couple of years. The packets to mail in your dried soil samples to Rutgers are available at local County Extension offices.
- If you have acidic soils and



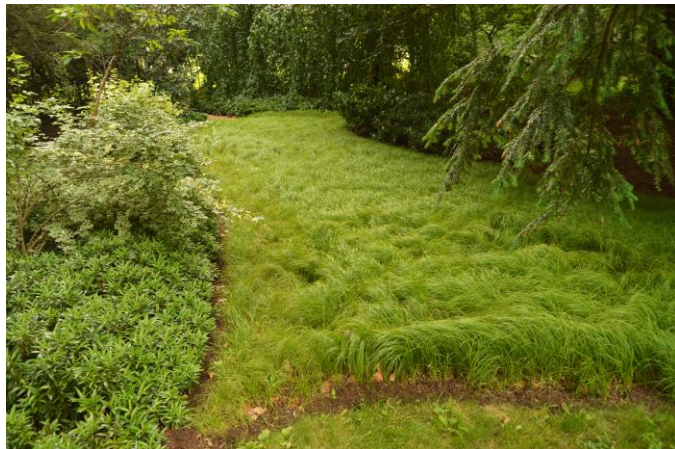
have accumulated wood ash from a wood burning stove or fireplace, spread it lightly over the soil, as it will raise the pH.

- If you are looking to ease into growing vegetables or you have a deck, plant your cool season crops in containers. The image above right is a container of lettuce photographed at Chanticleer Gardens and it looks as beautiful as it is tasty!
- Thin those cool season vegetables like beets that were directly sown during April. Thinning will allow the plant and swollen root to develop more fully and the greens from the thinned beets make great additions to salads!
- Start to plant frost tender vegetables. For the eager, the wall of water can be used for tomatoes and other tender vegetables that are planted during the potentially cold first half of the month, although there is no harm in waiting until early June! In fact, adding a second planting of tomatoes in early to mid-June will help to ensure tomato harvest through September.
- Consider growing microgreens inside your home. Microgreens are seedlings of pea, cabbage, broccoli, cress, etc. that are harvested after 7-14 days when they are around 2" tall. They are very nutrient dense and a great way for children to start learning about vegetables! They also grow great in a recycled plastic lettuce container, as seen above!



Turf

- Cut those lawns! Remember, 2 ½ - 3" length is far healthier for the turf than a 2" cut. Do not remove the clippings unless they are exceptionally thick, since they release nitrogen and other nutrients back into the soil as they decompose.
- Spot treat for dandelions or other aggressive weeds.
- Based on soil samples, fertilize if it was not done in April. Remember, during heavy rains fertilizer often washes into drains and streams, which harms the environment. Only apply what is truly needed, which the soil tests will dictate.
- Apply limestone if the soil pH is acidic, once again dictated by the soil test.
- Evaluate the size of your lawn. If it has grown beyond your needs, consider reducing the size and adding groundcovers. Add a Sedge, such as Pennsylvania Sedge (*Carex pensylvanica* as seen above right), which can also provide a nice



green mulch for various perennials or it can be a standalone ground cover.

Consider low care flowering plants like Mountain Mint (*Pycnanthemum mutuum*), late blooming Wild Bergamot (*Monarda fistulosa*) or a Golden Rod (*Solidago* species). If you prefer woody plants, consider our native Yellowroot (*Xanthorhiza simplicissima*) pictured at right. It is a great plant for sun or shade! Think native! Not only will native groundcovers provide food (pollen and nectar) for pollinators, but they will also support caterpillars which in turn will feed our songbirds. They also provide habitat and cover for moths, butterflies or other insects as they go through the process of pupation and mature into the adult stage of life. Cornell Botanic Garden has crafted such a flowering 'lawn', which can be seen by googling Native Lawn Demonstration Area – Cornell Botanic Gardens.



Houseplants

- Later this month is the time to move houseplants outside where they are happiest. The Jade Plant pictured at right along with the accompanying Air Plants in its branches and Haworthia at the base spend each summer outside where it flushes new growth. Remember, just because they are called houseplants does not mean they cannot leave the house!
- Place the plants outside where they will receive indirect sunlight or morning sun initially. The plants will often not fare well if they go from the darker environment of a home to full sun.



- Some of the plants may have a fast-draining bark soil mix, such as Bromeliads and Jade Plants. Even if you have been watering regularly, the soil may be so dry after a winter indoors that the water will simply pass through without being absorbed by the soil. In these cases, you might notice the leaves curling or appearing like a raisin. To fully rehydrate, place the pot in a plastic basin (or bathtub!) and allowed to soak for 3-4 hours. A good long soak will rehydrate the soil mix and the plant!



- For those plants that have outgrown their containers, this is the time to up-pot them into a larger container. In general, the new container should only be 2-3" larger in diameter and depth than the previous pot, as seen above right before and after the Haworthia was up-potted.



- If the pot is too large, there is a chance the plant could be overwatered. Remember too that the container should have a drainage hole at the base and a saucer to receive excess water.
- Fertilize! From now through September, the plants are actively growing and should receive a 50% dilute mix of liquid fertilizer once a month.



Bulbs

- Just because it is May does not mean the bulb season is now over! *Camassia leichtlinii* is a bulb native to British Columbia to California and is hardy in zones 5-9. In Northern NJ the plant blooms in mid to late May. The attractive blue flowers stretch to 2' tall and clumps will spread to 2' wide. The image above right is a 20-year-old planting at Crystal

Springs in Hamburg, NJ. Plants appreciate a moister soil while growing, but can tolerate summer drought after blooming.

- Flowering Onions are another great addition for the garden in May and some are not even in the genus *Allium*! Pictured above right and in the closing image is Honey Garlic, (*Nectaroscordum siculum*). It produces dangling, bell shaped flowers in cream and soft red on stems to 2-3' tall (as seen above). For me it has lightly seeded about in light shade with the largest clumps forming at the base of Black Walnuts! The flowers once bloom from mid to late May into early June and are not preferred by deer. Hardy in zones 6-10, it is an entertaining flower to watch open and enjoy close-up, as seen below!
- Other great bulbs for this month include the Hardy Gladiolus (*Gladiolus x byzantinus*) pictured in the open series of images or some of the species tulips, such as *Tulipa whittallii* (as seen above right) which blooms from late April into mid-May, depending upon the year. It is a tall Tulips, growing to 12-16" tall and slowly spreads by stolons!
- If your *Narcissus* (Daffodils) failed to bloom this year, it is possible they were planted too shallow for the bulb to grow to the proper size in order for it to bloom. Dig them up (as pictured at right), tease apart the clump into several smaller clumps and replant the bulb to a depth of 6" deep. Take care not to damage the hairlike roots. Yes, some of the foliage will be buried a bit on replanting, but that is fine. In the clump of *Narcissus* 'Sun Disc' pictured above right, notice the small bulb size of the one pulled down lower – far too small to yield a flower! In the final image at right, taken 3 years following division and replanting, the plants are once again blooming nicely!
- For bulbs such as *Eranthis* (Winter Aconite) and *Galanthus* (Snowdrops), dig and divide



- existing clumps as the plants will establish more quickly than planting newly purchased bulbs in the fall
- Let bulb foliage turn yellow or tan before removing to ensure proper bulb and flower development for next year. Do not tie it together or braid it since that reduces that amount of surface area exposed to sunlight and its ability to make the sugars necessary for next year's embryonic flowers.

Final Thoughts

- Frequently visit local garden centers as new additions are arriving weekly or even daily. Also, do not be afraid to ask the folks at the garden center for a specific plant if you do not see it. It is a hectic time of the year, but garden centers also need to know what plants are in demand.
- Read the notes that you made this winter and last May and reflect on how to improve the garden. Your journal is indispensable and it is now time to put your thoughts into action.



Bruce Crawford

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