Materials Lists for Friends of Wellesley College Botanic Gardens Classes

On the following pages you’ll find the materials lists for the various art courses given by WCBG Friends.

Each materials list is on a separate page, so that you can easily print only the pages you need.

The lists are in the following order:
• Alphabetically by type of class (BAC, HOR, WCC, etc.)
• Academic year of class (18, 19, 20, etc.)
• Number of class (010, 020, 101, 104, 201, etc.)

For instance, all BAC classes for all academic years will be listed at the top of the document by academic year and then number of the class.

If the materials list for course you are interested in doesn’t appear here:
• Check back again closer to the start date of the first class – not all instructors have provided material lists yet for this year.
BAC 19 010 – Drawing and Painting for the Petrified
Instructor: Sarah Roche

Get started painting! All abilities and anxiety levels welcome. In this relaxed, informative seminar with plenty of helpful demonstrations, you will work towards developing your drawing and painting skills. Sarah Roche encourages your observational skills to grow as you experiment with line drawings and the accurate representations of botanical forms. Leap into watercolor painting as Sarah guides you through a series of fun beginning botanical watercolor exercises.

Materials List for first class:

- Spiral bound drawing pad: 9”x12” or 10”x14”
- Tracing paper
- Pencils: 2H, H, F, HB, B
- Staedlar white plastic eraser
- Exacto or retractable craft knife
- Sandpaper block or emery board
- White china plate or plastic palette
- Viva paper towel
- Small clear jam jar

WCBG Friends will provide watercolor paint. Sarah will discuss brushes and watercolor papers necessary for remaining classes.
BAC 19 020 – Roots and Shoots
Instructor: Louise Barteau

Join artist and naturalist Louise Barteau for a one-day botanical workshop that looks closely at roots, stems, leaf arrangements, leaf shapes, and more. Using a hand lens and a notebook, we will examine many examples of plant structures while considering their role in plant growth. Brief slide presentations will be accompanied by hands-on observation and exercises. The day includes an introduction to the language and terminology of botany.

Materials List:

Coming soon.
BAC 19 061 – Recipes for Foraged Edibles: New England Farm, Field, and Forest

Instructor: Ellen Duarte

Get out of the grocery store and discover the food growing all around you. Ellen Duarte will guide you in foraging and finding edible plants in the different habitats around the Wellesley area. Students will find, study, render and sample available edible plants. The final project will be to illustrate a recipe for your favorite foraged food in your choice of materials. Classes will span the growing months to afford the opportunity to experience a wide variety of foods. You are welcome to enroll in any or all classes.

Materials List:

Coming soon.
BAC 19 064 – Fading Flowers
Instructor: Julia Trickey

See how overlooked, past-their-best subjects can become center stage in watercolor during this one-day workshop with Julia Trickey. Using wet-in-wet techniques as our starting point, we will explore how to quickly convey the form and delicacy of fading flowers before adding detail to express translucence and desiccation. We will also consider less traditional ways of composing our painting which enhances the aging aspect of the subject. This workshop will be delivered through presentation and group discussion, demonstrations, technique exercises and lots of one-to-one tuition.

Materials List:
The following are just suggestions. If you already have drawing and painting equipment, there is no need to buy anything specially (though cheap painting equipment from shops such as Michael’s or ACMoore will NOT be good enough).

Drawing equipment
• HB, 2H pencils
• Sharpener and Eraser
• Sketch book or sheets of paper, 8.5x11

Painting equipment
• Good quality watercolour brushes
You will need a fine brush (size 0 or 1) for veins and detail and a larger brush (size 4,5 or 6) for washes. A large brush with an excellent point can work for both.
(Note: WCBG Friends has some size 0 or 1 Rosemary Series 323 brushes for $5 per brush available for purchase.)
• Watercolour paper
Smooth Hot Pressed paper is the usual choice of botanical artists, though Cold Pressed paper (also known as NOT) is good for practicing certain techniques. I favour Arches or old stock (pre-2016) Fabriano Artistico Extra White - minimum weight 140lb. Other good quality papers are available - it’s a personal choice!
• Watercolour paints - Good quality paints in a range of colours. Note: Bring your paints you use in Sarah’s “Foundations” and “Techniques” classes:
  o Winsor and Newton – Artist’s Quality Watercolor
    Lemon Yellow (Nickel Titanate)
    New Gamboge
    Winsor Lemon
    Permanent Rose
    Scarlet Lake
    Permanent Alizarin Crimson
    Quinacridone Magenta
    Winsor Blue-Green Shade
    Viridian
    Paynes Gray
  o Daniel Smith “Extra Fine Watercolors”
    Burnt Sienna
    Raw Sienna
    Sap Green
    Ultramarine Blue

(continued on next page)
Any Artist quality paints in a range of colours will do. You don't need a lot of colours - A warm and cool version each of yellows, red and blue would enable you to mix most hues. Any art shop could help you with this.

Personally, I currently favour Daniel Smith watercolours and my main colours are Hansa Yellow (medium), Quinacridone Gold, Pyrrol Scarlet, Quinacridone Red, Phthalo Blue (green shade), Sap Green and Mayan Dark Blue (a similar colour to Indigo). This reflects the subjects I like to paint but I occasionally use Winsor and Newton Winsor Violet or French Ultramarine if I am painting flowers with purple/blue hues. (Note: Sarah suggests the one color you might like to purchase is Daniel Smith’s Mayan Dark Blue.)

Other items:
• Mixing palette or white china plate
• Water jar
• Drawing board
• Cloth or kitchen towel
• Colored masking fluid (W&N makes one) and a fine nib (optional, if you are happy to share)
BAC 19 101/102 – Foundations of Botanical Drawing and Painting
Instructor: Sarah Roche

Through demonstrations and tutorials, Education Director Sarah Roche will introduce you to the traditional art and science of botanical drawing and painting. Instructional focus includes observational skills, drawing, composition, design, and watercolor techniques. For the fall, this class will focus on mixing greens, building up the intensity of a painting through washes and glazes to give complex and rich detail. Starting with studies and exercises, we will work together to complete a final painting with accurate color, texture and detail. Topic for winter class TBD.

Materials List for First Class:

Spiral bound drawing pad: 9”x12” or 10”x14”
Tracing paper
Pencils: Staedtler Pencil Mars Lumograph, 12 Pieces Set (100 G12)
   https://www.amazon.com/dp/B0014E2S0Q/ref=cm_sw_r_cp_api_3lqDyb3DMYVSK
Staedlar white plastic eraser
Exacto or retractable craft knife
Sandpaper block or emery board

Sarah will provide plant material. She will hand out a more extensive materials list at the first class
BAC 19 101A – Introduction to Botanical Art: Foundations in a Week

Instructor: Sarah Roche

Explore the world of botanical art over four days in this course designed especially for you – the beginner. Sarah Roche guides your experience through structured exercises, projects and demonstrations, exposing you to the basic techniques and methods of botanical drawing and watercolor painting.

Materials List:

Paper
- Spiral bound watercolor pad – 11x15; Strathmore Watercolor, 400 Series (brown cover)
- Spiral bound drawing pad – 9x12 or 10x14
- Tracing paper

Drawing equipment
- Graphite pencils 2H, F, HB, B; Staedtler Pencil Mars Lumograph, 12 Pieces Set (100 G12)
  https://www.amazon.com/dp/B0014E2S0Q/ref=cm_sw_r_cp_api_3lqDyb3DMYVSK
- Staedlar plastic eraser
- Exacto or retractable craft knife and blades
- Sandpaper block or emery boards

Brushes
- Two round brushes – size 6:
  Rosemary & Co. brushes, Series 33, Size 6 (available for sale from WCBG Friends in class)
  OR
  Isabey 6227Z
- At least one size 4 – same series as above

Paint:

Winsor and Newton – Artist’s Quality Watercolor (Note: Do not purchase “Student Quality”)
- Lemon Yellow (Nickel Titanate)
- New Gamboge
- Winsor Lemon
- Permanent Rose
- Permanent Alizarin Crimson
- Winsor Blue-Green Shade

Daniel Smith “Extra Fine Watercolors”
- Burnt Sienna
- Raw Sienna
- Ultramarine Blue
- Sap Green

Miscellaneous
- Water container
- Palette or white china plate
- Paper towel – Viva
- Magnifying glass
- Pinholder / frog / small vase / bottle or clamp for holding specimen
- Masking tape
- Battery-powered work lamp (there will be some limited availability for plugging in electric lamps, but you must bring your own extension cord, please)
Websites
www.aswexpress.com
www.cheapjoes.com
www.dickblick.com
www.jerrysarterama.com
www.rosemaryandco.com
www.danielsmith.com

Stores
The Art Experience, Avon
Dick Blick, near Fenway Park, Boston
Michaels (basic paper, paints)
BAC 19 104 / 204 – Spring Studio Focus: Lilies
Instructor: Sarah Roche

Observe the elegance of lilies in all their forms and paint a watercolor portrait of your favorites. This four-session class with Sarah Roche will have access to the Massachusetts Horticultural Society’s stunning greenhouse display of lily species and cultivars, as well as the Redouté and Lilian Snelling Lily collections in the Mass Hort library. The class is suitable for artists at both Foundations and Techniques levels of experience.

Materials List

The materials required for this class are the same materials used in your Foundations/Techniques of Botanical Drawing and Painting class. Sarah will provide more information regarding plant materials or additional art supplies as we get closer to the class.
BAC 19 201/202 – Techniques of Botanical Drawing and Painting:

Classes are designed for the more accomplished artist.

Instructor: Sarah Roche

Through exercises and projects, work on your drawing and watercolor techniques in this class with Sarah Roche. Focus on achieving the accurate representation of botanical subjects through demonstrations, individual instruction, and close scrutiny of plant structure. For the fall, this class will concentrate on the essential skill of dry brush through exercises and mini projects. Work on mastering the depiction of textures and visual description of surfaces through a series of studies and small paintings so you gain confidence to add that final essential detail. This class will work on both paper and vellum. Topic for winter class: TBD.

Materials List

Paper
Spiral bound watercolor pad – 9x12 or larger; Winsor and Newton Cotman or Canson or similar
Spiral bound drawing pad – 9x12 or 10x14
Tracing paper
Sarah-supplied or own piece of animal skin vellum
Hot pressed (HP) 140 lb stretched block–10x14 or 14x20; Les Arches or Lanaquarelle – for exercises; could be scraps or from a block
Lined notebook
Half-sheet foam core

Drawing equipment:
Graphite pencils 2H, F, HB, B
Staedlar plastic eraser
Exacto or retractable craft knife and blades
Sandpaper block or emery boards

Brushes
Two round brushes – size 6:
   Rosemary & Co. brushes, Series 33, Size 6 (available for sale in WCBG Friends office) or
   Isabey 6227Z

At least one size 4 – same series as above

Detail brushes – available for sale at first class; $5 each
Paint:

**Winsor and Newton – Artist’s Quality Watercolor**
Lemon Yellow (Nickel Titanate)
New Gamboge
Winsor Lemon

Permanent Rose
Scarlet Lake
Permanent Alizarin Crimson
Quinacridone Magenta

Winsor Blue-Green Shade
Viridian
Paynes Gray

**Daniel Smith “Extra Fine Watercolors”**
Burnt Sienna
Raw Sienna
Sap Green
Ultramarine Blue

- 2 small glass water containers
- Palette or white china plate
- Paper towel – Viva [WCBG Friends will NOT be supplying paper towels]; or white cotton rags
- Magnifying glass
- Pinholder / frog / small vase / bottle or clamp for holding specimen
- Masking tape

**Websites**
www.aswexpress.com
www.cheapjoes.com
www.dickblick.com
www.jerryarterama.com
www.rosemaryandco.com

**Stores**
The Art Experience, Avon
Dick Blick, near Fenway Park, Boston
Michaels (basic paper, paints)
BAC 19 104 / 204 – Spring Studio Focus: Lilies

Instructor: Sarah Roche

Observe the elegance of lilies in all their forms and paint a watercolor portrait of your favorites. This four-session class with Sarah Roche will have access to the Massachusetts Horticultural Society’s stunning greenhouse display of lily species and cultivars, as well as the Redouté and Lilian Snelling Lily collections in the Mass Hort library. The class is suitable for artists at both Foundations and Techniques levels of experience.

Materials List

The materials required for this class are the same materials used in your Foundations/Techniques of Botanical Drawing and Painting class. Sarah will provide more information regarding plant materials or additional art supplies as we get closer to the class.
Find a natural habitat close to your home and learn to identify flowers, ferns, shrubs, grasses and trees. Follow these plants through the growing season with the guidance of Ellen Duarte and Pam Harrington. Expand your botanical art and illustration skills through the close study of natural plant communities and seasonal changes. Between meetings, work independently to create accurate illustrations of your habitat. For intermediate to advanced artists.

Materials List

Field Sketching is a tool for artists and anyone who wants to learn more about nature. You can preserve what you’ve seen and learned without the pressure of having to do a finished painting or drawing. It’s a very personal way to capture the moment using a visual shorthand. It’s time to experiment with different media, work on composition, draw faster, or practice anything else you feel would help your botanical art.

You have to be prepared to walk, sit or stand outside and draw in circumstances which are less than perfect (that will really speed up your drawing) for part of the day. We will walk around various habitats to identify and record the plants that thrive in that habitat. Wear comfortable shoes, layered clothing and bring a hat, bug spray and drinking water.

Bring any drawing tools you are comfortable using. It takes a while to get down to the bare bones of what you need without having too much. We recommend at least:

- Pencils: one hard and one soft: maybe 2H or HB, and 2B
- Micron pen
- Colored pencils
- Plastic eraser
- Sharpener
- Sketchbook (bring what you have and we will discuss differences).
- Small ruler
- Hand lens or magnifying glass
- Camera
- Clippers and plastic bags/boxes for collecting where appropriate.

   NOTE: In the Wellesley College Botanic Gardens, permission must be granted before you cut any specimens. Please check with Gail Kahn. At the Massachusetts Horticultural Society’s Gardens at Elm Bank, you will need permission from either Hannah Traggis, Senior Horticulturist, or David Fiske, Gardens Curator.

   Newcomb’s Field Guide by Lawrence Newcomb is required. NOTE: We have copies of this book for sale in the WCBG Friends’ office for $12.50.

P.S. --- We can also be looking at mushrooms, insects, or anything else that interests you in the habitats you investigate. BE PREPARED TO EXPLORE AND OBSERVE.
BAC 19 213 – Scientific Botanical Illustration: Begonias

Instructor: Jeanne Kunze

Under the guidance of Jeanne Kunze, use traditional dip and technical pens to create weighted, broken, hatch, and crosshatch line work as well as stipple to illustrate live begonias. Jeanne will also show you how to use dried specimens for illustration. Dissecting microscopes and other magnification devices will aid you in accomplishing a precise and aesthetically pleasing illustration. Prerequisite: a Pen & Ink course.

Materials List

Paper: Strathmore Bristol 2ply plate finish (22” x 30” cut into 4 – 11” x 15”)
   Tracing paper
   Optional: light tablet (there is one or two already in the classroom)

Pens: Speedball Number 20 General Purpose Set (2 Speedball pens)
   http://www.dickblick.com/products/speedball-number-20-general-purpose-set/?clickTracking=true
   Extra Holders: #102 and #104 are optional but simplify changing nibs
   Micron 005 felt tip pen

Ink: India ink (Pelican, Speedball or similar)
   Kitchen sponge to make a holder for the ink bottle
   An eye dropper if ink bottle does not have one

Hand lens

Erasers: kneaded, plastic or Magic Rub

Pen wiping cloth - lint free such as eye class cleaner cloths

Small water container

Subject matter: You will need to choose your Begonia and have a line drawing (including light and shade notes) ready for the second class
BAC 19 235 – Bringing Leaves to Life in Watercolor

Instructor: Julia Trickey

In this three day workshop, Julia Trickey will help you explore how to approach the depiction of a range of leaves in watercolor. The class will discuss what brings leaves to life and how to capture their detail and diversity, whether shiny, bumpy, hairy and so on. Other topics include dealing with veins and mixing accurate greens. Sessions will include presentations, demonstrations and short exercises, together with plenty of one-to-one tuition.

Materials List
The following are just suggestions. If you already have drawing and painting equipment, there is no need to buy anything specially (though cheap painting equipment from shops such as Michael’s or ACMoore will NOT be good enough).

Drawing equipment
• HB, 2H pencils
• Sharpener and Eraser
• Sketch book or sheets of paper, 8.5x11

Painting equipment
• Good quality watercolour brushes
You will need a fine brush (size 0 or 1) for veins and detail and a larger brush (size 4,5 or 6) for washes. A large brush with an excellent point can work for both.
(Note: WCBG Friends has some size 0 or 1 Rosemary Series 323 brushes for $5 per brush available for purchase.)
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    Permanent Rose
    Scarlet Lake
    Permanent Alizarin Crimson
    Quinacridone Magenta
    Winsor Blue-Green Shade
    Viridian
    Paynes Gray
  o Daniel Smith “Extra Fine Watercolors”
    Burnt Sienna
    Raw Sienna
    Sap Green
    Ultramarine Blue

Any Artist quality paints in a range of colours will do. You don't need a lot of colours - A warm and cool version each of yellows, red & blue would enable you to mix most hues. Any art shop could help you with this. (continued on next page)
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Other items:
• Mixing palette or white china plate
• Water jar
• Drawing board
• Cloth or kitchen towel
• Colored masking fluid (W&N makes one) and a fine nib (optional, if you are happy to share)
BAC 19 245 – Scientific Botanical Illustration for Publications

Instructor: Alice Tangerini

This three-day class with Alice Tangerini will cover creating a scientific botanical illustration using dried and pressed herbarium specimens augmented with digital images of the living material. Working with the traditional tools of the museum artist, the class will learn the process to expedite a drawing by tracing from photocopies of the pressed specimen onto translucent acetate, reconstructing the flattened appearance to a more lifelike plant and adding floral or fruiting details to fit a prescribed format suitable for publication. The final drawing will be traced in traditional dip pens, technical pens and brush with ink onto matte surface drafting film. The goal will be to show clearly the morphological aspects of the subject as it would be described by a botanist. Conventions in drawing for the scientific community will be covered, as well as determining line weights which can be reduced without loss of detail. Class is suitable for intermediate to advanced artists who have pen & ink experience.

Materials List

Coming soon.
Get out of the grocery store and discover the food growing all around you. Ellen Duarte will guide you in foraging and finding edible plants in the different habitats around the Wellesley area. Students will find, study, render and sample available edible plants. The final project will be to illustrate a recipe for your favorite foraged food in your choice of materials. Classes will span the growing months to afford the opportunity to experience a wide variety of foods. You are welcome to enroll in any or all classes.

Materials List:

Coming soon.
BAC 20 063 – Recipes for Foraged Edibles: Fall Harvest, Forage and Feast
Instructor: Ellen Duarte

Get out of the grocery store and discover the food growing all around you. Ellen Duarte will guide you in foraging and finding edible plants in the different habitats around the Wellesley area. Students will find, study, render and sample available edible plants. The final project will be to illustrate a recipe for your favorite foraged food in your choice of materials. Classes will span the growing months to afford the opportunity to experience a wide variety of foods. You are welcome to enroll in any or all classes.

Materials List:

Coming soon.
BAC 20 142 – Colored Pencil Basics

Instructor: Carol Ann Morley

Make the versatile medium of colored pencils work for you. Under the guidance of Carol Ann Morley, learn about colored pencil techniques and how to layer colors using both the color wheel and tonal value scale together to make the right color choices. Explore the complexity of working with color and how to interpret color as hue, value and intensity by preparing a colored palette ready to use for your botanical subject.

Materials List

Coming soon.
BAC 20 240 – Take Time to Smell — and Paint — the Roses

Instructor: Catherine Watters

Capture the graceful beauty of roses, starting with close observation and a detailed pencil drawing. This class with Catherine Watters will focus on mixing transparent colors and carefully applying them to create a luminous balance of light and shadow that will bring this intriguing subject to life.

Materials List

Coming soon.
BAC 20 242 – Colored Pencils for Botanicals

Instructor: Carol Ann Morley

Explore the beauty and potential of colored pencils for botanical rendering with Carol Ann Morley. This medium can achieve the delicate wash of watercolor or the intense gloss of oil paints. The key to a successful colored pencil rendering is a planned approach. You will find out how to keep control of your drawing from sketch to finish using progressive stages. Begin with an observational graphite tonal study of your subject, then create a colored palette and progress to a 3D color study. Moving to your final piece, learn how to gradually add delicate overlays of color to build form, applying detail, texture and rich saturation of color to the final stages of your botanical rendering.

Materials List

Coming soon.