

NYBG Herbarium Imaging and Equipment Specifications

Mike Bevans, Herbarium Information Manager for Digitization

Last updated: 20 Mar 2012

Photography Equipment:

1. Camera

- Canon Eos 5D Mark II
- Canon ACK-E6 AC adapter

2. Lens

- Canon EF 50mm f/2.5 Macro

3. Lighting

- MK Digital Direct Photo-eBox PLUS 1419 – Ask for the “NYBG Modified” version
 - **Contact:** Ruben Neuman
Marketing Department
MK Digital Direct
(619) 661-0628 x 103
neumanr@mkdigitaldirect.com
www.mkdigitaldirect.com
 - **Official NYBG 14 x 19 Box:**
Part Number 777000
8 x 28 watts 6500K fluorescent light
1.5 foot ½ watt 5500 LED light
\$ 1,695.00 plus shipping

4. Copystand

- Kaiser Copy Stand RS 1 with RA-1 Arm, 40"

5. Laptop or Desktop computer

- Recommended minimum: i5 processor, 4GB RAM, 500GB hard drive
- Laptop: 17.3" display, USB mouse

6. Wasp Bar code reader - WCS3905 CCD Scanner with 8ft USB Cable

7. Digital Transitions ColorGauge Nano Target

8. External hard drives

- One for shipping JPEG images to NY, 500 GB should be sufficient
- One for storing a back up of your images if your institution doesn't have an archive system in place. We archive DNG files at 23 MB/each.

9. Photoshop Lightroom for processing images (optional)

10. Small ruler – many institutions are using ones from the Global Plants Initiative

11. Black Gaffer Tape – 1 roll; 2" width preferred, but 1" will work

NYBG Herbarium Equipment

Canon EOS 5D Mark II Digital Camera (Body Only)	\$2,199.00
Canon Normal EF 50mm f/2.5 Compact Macro Autofocus Lens	\$299.00
Canon ACK-E6 AC Adapter Kit	\$119.00
Kaiser Copy Stand RS 1 with RA-1 Arm, 40" Column and 18 x 20" Baseboard	\$463.45
Manfrotto 3/8" + 1/4" Adapter Spigot	\$4.60
Manfrotto 066 Double Female Stud for Super Clamp	\$4.50
Wasp Bar code reader - WCS3905 CCD Scanner with 8ft USB Cable	\$149.99
Hot Shoe Bubble Level	\$24.95
MK Direct Photo-eBox PLUS 1419 (shipping not included)	\$1,695.00
Laptop computer	\$900.00
ColorGauge Nano Target	\$165.00
Black Gaffer Tape (recommended example)	\$8.19
Photoshop Lightroom (optional)	\$149.00
External hard drive (optional)	\$150.00

Approximate Total \$6332.00

