

NYBG Herbarium Imaging and Equipment Specifications

Mike Bevans, Herbarium Information Manager for Digitization

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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

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| 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

