Supplementary Information

Avian UV vision enhances leaf surface contrasts in forest environments

Tedore & Nilsson
| habitat       | climate zone | nature reserve or nearest landmark                          | GPS (approximate)                  | nearest city/locality, country            | N image sets | N leaf contrasts |
|--------------|--------------|-------------------------------------------------------------|------------------------------------|------------------------------------------|--------------|-----------------|
| deciduous    | temperate    | Brunnshögs kojskog                                          | 55.718550, 13.237920              | Lund, Skåne, Sweden                      | 2            | 2               |
| deciduous    | temperate    | Dalby Norreskog                                             | 55.682585, 13.338666              | Dalby, Skåne, Sweden                     | 2            | 2               |
| deciduous    | temperate    | Dalby Söderskog                                             | 55.676308, 13.330033              | Dalby, Skåne, Sweden                     | 4            | 4               |
| deciduous    | temperate    | Ekologihuset, Lunds Universitet                             | 55.713641, 13.208902              | Lund, Skåne, Sweden                      | 15           | 51              |
| deciduous    | temperate    | Nöbbelövs mosse                                             | 55.734447, 13.154098              | Lund, Skåne, Sweden                      | 1            | 2               |
| deciduous    | temperate    | Skrylle naturservat                                         | 55.692614, 13.360024              | Södra Sandby, Skåne, Sweden              | 17           | 31              |
| wet sclerophyll | subtropical | Lower Bellbird, Lamington National Park                    | -28.194903, 153.188794            | Binna Burra, Queensland, Australia       | 2            | 3               |
| wet sclerophyll | subtropical | Caves Circuit, Lamington National Park                     | -28.194903, 153.188794            | Binna Burra, Queensland, Australia       | 1            | 2               |
| wet sclerophyll | tropical    | Atherton Tablelands Birdwatchers’ Cabin (114 Webster Rd)    | -17.442594, 145.456770            | Wondecla, Queensland, Australia          | 47           | 117             |
| rainforest   | subtropical | Border Track, Lamington National Park                      | -28.194903, 153.188794            | Binna Burra, Queensland, Australia       | 3            | 3               |
| rainforest   | subtropical | Bellbird Clearing, Lamington National Park                 | -28.194903, 153.188794            | Binna Burra, Queensland, Australia       | 1            | 2               |
| rainforest   | subtropical | Mick’s Tower, Lamington National park                      | -28.230772, 153.135947            | O’Reilly, Queensland, Australia          | 7            | 20              |
| rainforest   | tropical     | Mamu Tropical Skywalk                                       | -17.612999, 145.798213            | Mamu, Queensland, Australia             | 12           | 20              |
| rainforest   | tropical     | Kuranda Birdwatchers’ Cabin (25 Butler Drive)              | -16.805068, 145.637177            | Kuranda, Queensland, Australia          | 19           | 37              |
| rainforest   | tropical     | Jindalba Boardwalk, Daintree National Park                 | -16.238442, 145.432449            | Cow Bay, Queensland, Australia          | 3            | 4               |
| rainforest   | tropical     | Daintree Discovery Center                                  | -16.237519, 145.427818            | Cow Bay, Queensland, Australia          | 8            | 15              |
| rainforest   | tropical     | Thornton Beach Bungalows (Lot 1 Cape Tribulation Rd)       | -16.171935, 145.441511            | Thornton Beach, Queensland, Australia   | 1            | 1               |
| rainforest   | tropical     | Marrdja Boardwalk, Daintree National Park                  | -16.137991, 145.440460            | Cape Tribulation, Queensland, Australia | 1            | 2               |
| rainforest   | tropical     | Mount Hypipamee National Park                              | -17.428063, 145.486096            | Wondecla, Queensland, Australia         | 25           | 57              |
Supplementary Figure 1. Optical model input spectra and schematic. (a) Median diffuse reflectances and transmittances of leaves and leaf litter. (b) Irradiances of light sources at a solar zenith angle of zero. (c) Optical model schematic showing habitat geometry and several model parameters.