

The American Begonia Society's
Unidentified Species Listing
July 2012



Begonia U561

Photo by Mary Bucholtz

Compiled from Listings in the *Begonian*, notes from collectors
and notes from Co-directors, Charles J. Jaros and Mary F. Bucholtz

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Unidentified Species Listing

JULY 2012

We hope you will find useful information in our 2012 Unidentified Species Listing Update.

Included in this Update are our new identified U numbers with accompanying photographs. There are also several corrections of previously identified U numbers with photographs. We are pleased, also, to offer you a few up-dated photos of previously described U numbers. These plants have matured and even a few have bloomed.

Though the collection of Unidentified *begonias* is not as great in numbers as in years past, we think you will be pleased with the diversity.

We do thank the many members of ABS who have contributed information and photographs making it possible to compile this Update for you.

The current Co-directors of Unidentified Species are Charles Jaros and Mary Bucholtz. The current Nomenclature Editor is Kingsley Langenberg and the current Nomenclature Director is Gene Salisbury.

UPDATED INFORMATION/IDENTIFICATION OF EARLIER PUBLISHED
U NUMBERS

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U014 {Identified by Ludovic Jean Charles Kollmann, Research Associate of the Mello Leitão Biological Museum, Brazil. A new species, *B. rubriflora*, L. Kollmann. *The Begonian*, Vol.78, July/August 2011, pg. 137} photo by Ludovic Jean Charles Kollmann

U304 {Original identification found and published by Assoc. Françoise de Amateurs de Begonias as *Begonia subacida*, *Irmscher, 1959*} translation by Normand Dufresne

U523 {Additional information, Rekha Morris. Now *B. shilendrae* (correct spelling). Published as *B. shilendrii*, is incorrect, *The Begonian*, Vol. 79, March/April 2012, pg. 60} {Correction appears *The Begonian*, Vol. 79, May/June 2012, pg.157}

U528 {Identified by Rekha Morris as *Begonia dux*, C.B. Clarke, 1879}

U545 {Additional information, Rekha Morris. "Not *B. cathcartii* as I previously identified."}

U565 {Identified by Rekha Morris as *Begonia aliciae*, C.E.C. Fischer 1879}

U575 {Additional information, Rekha Morris. Not *B. perakensis* as identified, *Unidentified Species Listing*, August 2010, pg. 52, Rekha Morris. (Additional information from Rekha Morris, 2012: "According to Ruth Kiew the species I have documented and refer to as *B. perakensis* is not this species. She does not give any reasons, and she herself has never found this form of *B. perakensis*. She has only documented *B.perakensis* var. *conjugans*. When Dr. Peng showed her my U575, which had no flowers and no capsules, she stated that it was not *B. perakensis*. Since she is the recognized expert on the species of Malaysia, I will write this up as a new species."}

UPDATED PHOTOGRAPHS AND IDENTIFICATION OF EARLIER PUBLISHED
U NUMBERS

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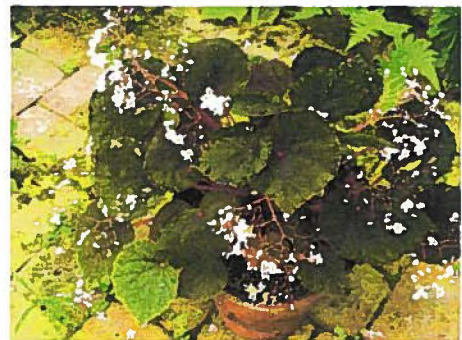
U014 *B. rubriflora*



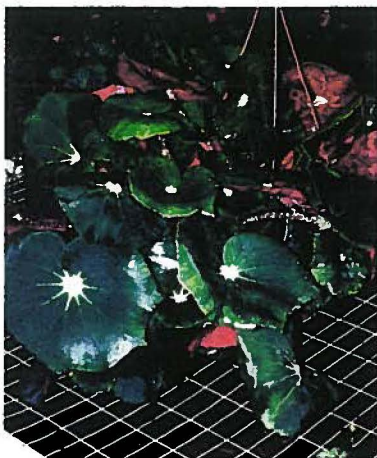
U439



U216 *B. letestui*



U497



U304 *B. subacida*

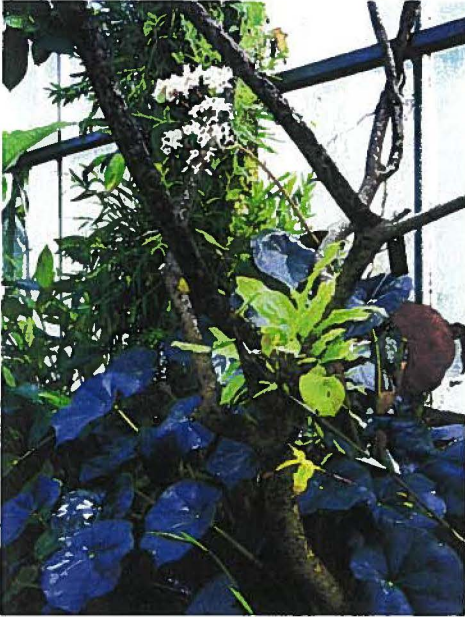


U502

**UPDATED PHOTOGRAPHS AND IDENTIFICATION OF EARLIER PUBLISHED
U NUMBERS**

July 2012

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Unidentified Species Listing**



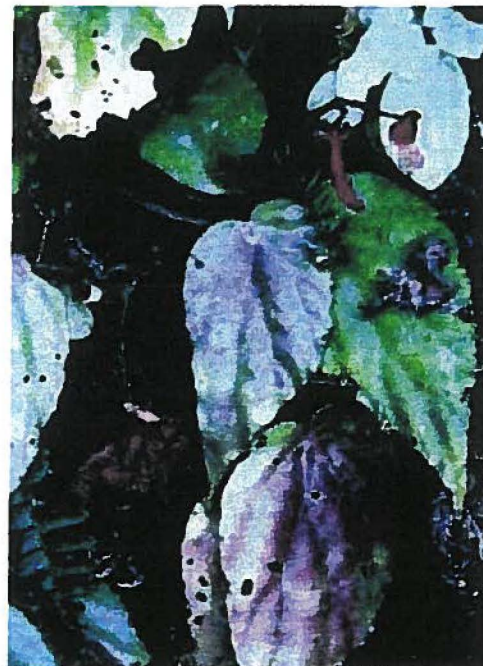
U503



U528 *B. dux*



U523 *B. shilendrae*



U545 not *B. cathcartii*

**UPDATED PHOTOGRAPHS AND IDENTIFICATION OF EARLIER PUBLISHED
U NUMBERS**

July 2012

**American Begonia Society's Listing
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U561



U583



U565 *B. aliciae*



U584



U575 not *B. perakensis*



U585

The American Begonia Society's
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JULY 2012
CONTINUATION OF U NUMBERS
BEGINNING WITH U604

U604 (U number assigned 4/10/10) Plant material purchased Univ. S. Florida by Charles Jaros. Upright rhizomatous, leaf lanceolate, 6 inches, margins entire, glabrous, upper surface silver streaked on light green, undersurface maroon on medium green, stems red. Peduncles arise at each leaf joint. Pistillate flowers, pendulous, 5 tepals, 2 light pink, 2 light pink with darker pink stripe, fifth white, winged ovary. Staminate flowers, upright, 4 tepals, 2 white, 2 pale pink with darker pink stripe and faint green stripe. Affinity to *B. hatacoa*. Mary Bucholtz, Charles Jaros

U605 (U number assigned 4/10/10) Plant material collected by Mary Sizemore. Shrub-like, stem succulent, fruticose, with sparse hirsute vestiture, persistent stipules, 1 inch in length, sharply pointed, light green with red speckling along outside center. Leaf 8 inches, lobed, upper surface, pustulate, stiff, bright apple green, palmate venation showing burgundy at umbo and main veins ¼ inch down leaf. Undersurface dull apple green, faint dull burgundy splotches, persistent at leaf edge, venation brownish/burgundy, slightly hirsute. Margin crenulate, sparsely hirsute. Petiole deep burgundy fading to green at a stem attachment, scabrous. Affinity to *B. acida* and *B. paleata*. Mary Bucholtz, Charles Jaros

U606 (U number assigned 2/11) Philippines. Plant material collected by Mary Sizemore. Rhizomatous, small-leaved 3 inches. Leaf surface a smoky purple-blue-green, tomentose, a medium brown in color, lime green palmate venation glabrous. Undersurface deep wine maroon with a medium brown tomentose, veins at umbo and ½ inch down tan, then turning to leaf color and glabrous only from umbo and ½ inch down leaf, remaining veins tomentose. Leaf margin entire with same medium brown tomentose. Petiole light tan-wine, heavily tomentose. Peduncle wine color, tomentose, initial branching a simple dichasium, glabrous, bracts pale green, glabrous. Staminate flower present first, pink with deeper pink veins, smooth edges lighter pink, glabrous. Pistillate flowers unobserved. Mary Bucholtz, Charles Jaros

U607 (U number assigned 5/11) China. Plant material collected by Bob Cherry, collection number (B.C.10). Upright rhizomatous, large-leaved, distinctive foliage. Leaf somewhat succulent, surface shows puckered silver splashes covering leaf on a background of gunmetal veins, pronounced leaf overlapping at umbo, sharp drip point. Leaf overlapping at umbo not present at maturity. Undersurface, soft burgundy, puckering inverted, veins prominent. Petiole medium green, matures to a redish-tan with medium-green speckling and slight iridescent sheen, fine tomentose. Peduncle similar to petiole, bracts succulent, reddish-tan with medium-green speckling. Staminate flower opening first, 4 tepals, light shell-pink, top and bottom tepals darker pink. Pistillate flower, 6 tepals, inner tepals darker shell-pink, ovary, 3 winged, reddish-tan, medium-green, succulent. Mary Bucholtz, Charles Jaros

Additional information from Joan Campbell, March, 2011. Entire leaves, heavily spotted with silver, slight cross over by one lobe, very young leaves slightly red under, petioles very lightly vestite. From Section Platycentrum. The cyme holds 4 stam. and 2 pist. flowers, leaf size runs from 4.25 inches long to the largest, 5 inches, average about 4.12 inches x 4.12 inches. There are 3 pist. wings, unequal, one nearly twice as long and even longer when pollinated, two small wings about equal in size. There are six tepals, 1 ¼ inches to 1 ½ inches, inner tepals sometimes curled, 4 stam. tepals pink and white. Two cell ovary - 2 styles, 2 stigmas per style with dbl. spiral on somewhat short arm.

This section's plants should have 2 locules containing 2 divided placentae which matches my plant. The female tepals are usually with 5 tepals. Plant is striking, has spotted leaves with a bright shine on leaves (The China Key calls it a metallic shine). Plant grows well and blooms in reflected light. Thought might be *B. rockii*.

U608 (U number assigned 5/7/11) Collected by Rekha Morris. **U608**=*B. ovatifolia* A de Candolle, *The Begonian*, J/F 2012, p. 9

U609 (U number assigned 5/7/11) Collected by Rekha Morris

U610 (U number assigned 5/7/11) Collected by Rekha Morris

U611 (U number assigned 5/7/11) Collected by Rekha Morris

U612 (U number assigned 5/7/11) Collected by Rekha Morris

U613 (U number assigned 7/11) China. Plant material collected by Bob Cherry, collection number (B.C.11). Rhizomatous, large-leaved, entire. Leaf surface medium blue-green with silver spotting on either side of major veins, vestiture scabrous, margins minute hair. Undersurface burgundy, umbo and veins cream diminishing to green on smaller veins, only dark cream veins scabrous. Petiole burgundy, new petiole tomentose of which most is lost as ages. Peduncle dull burgundy, staminate tepals covered with chartreuse bract, salmon-pink tepals, center back of tepals lighter in color. Open flower, staminate and pistillate not yet observed. Mary Bucholtz, Charles Jaros

Additional information from Joan Campbell, March 2011. Entire leaves, sprinkled with silver dots, red under, hairy petiole, deep, obvious lobes enlarging as plant ages, not so noticeable in young plant, acuminate tip. Stigma in 2 separated parts, broadly spread but joined below. Pist. 5 tepals, 3 wings, about 1 ¼ inches, elongated, notched and pointed downward. Peduncle taller than petiole, occasionally dichotomous at apex, usually 3 flrs per peduncle, number of flrs variable. 10 inch petiole, bracts persistent, stipules deciduous. Dried seed pod more than 1 inch. Back of male tepals lightly hairy, female tepals glabrous on outside. Stam. 4-6 tepals, pink and white, smaller than females, (¾ inch), sometimes fall. Leaves turn blue when it is about to bloom and spots on leaf look like spilled powdered sugar. Will resent strong light, top leaves cupped upward and white markings became bullate and raised to the touch. Moved back to lower light, lower leaves were fine but top leaves remained distorted.

U614 (U number assigned 3/12) Plant material grown by John Boggan from seeds obtained from a Scottish grower. Origin of the plant attributed to Michael Wickenden, proprietor of Cally Gardens in Scotland who collected the plant in the Mishmi Hills in northeastern India (Arunachal Pradesh). Distributed through Cally Gardens as *B. sikkimensis*, but is not that species. Rhizomatous (unlike *B. sikkimensis*, which is a caulescent species); appears to be a member of Section *Platycentrum* with a splash cup capsule typical of that section. Leaves nearly glabrous, deeply lobed, with a somewhat variable color pattern; leaves green or silvery gray-green with a red or bronze center and edge. Flowers are pale pink, nearly white. An easy grower appears to perform best in cool and humid conditions. According to Michael Wickenden, some growers have reported it to be frost hardy. According to a Scottish grower from whom I

received the seeds, has a very long blooming period and her plants never went completely dormant. My own plants went dormant and lost their leaves over winter. I kept them cool and dry(ish) and they resprouted strongly this spring. Still no flowers on my own plants [March 2012]. Seedlings have been moderately variable with regard to leaf color and pattern, the leaves continue to change as the plant matures. Information and photo, John Bogan

B615 (U number assigned 3/12) Plant material purchased summer 2011 by Doug Hahn. Species from Michoacan, near Arteaga, from seasonally dry forest in Mexico's Sierra Occidental, where it grows at about 3000-4000 ft. Growth starts in summer (June or July) and foliage remains well into fall. The succulent stems die back to a tuber that should be planted shallowly but not exposed. Robust species that can make leaves 8" across. Flowers are remarkable in that the flower stalk, conspicuous bracts and the flowers themselves are all white with a tinge of pink. Enjoys bright light and cooler temps. (70°F or a little less at night) but can also grow under warm conditions. Grown by Johanna Zinn VA, Charles Henthorne TX, Connie Saenz TX, Doug Hahn GA. Information and photo Doug Hahn

U616 (U number assigned 5/14/12) Plant material collected by Bob Cherry, China, collection number (B.C.9). Rhizomatous, large-leaved, entire. Leaf surface dark olive-green, thin, slight pucker, vestiture scabrous, umbo and veins chartreuse, diminishing to green on smaller veins. New foliage copper maturing to dark olive-green. Undersurface burgundy, including veins, scabrous on veins only. Petiole dark burgundy. Inflorescence not yet observed. Mary Bucholtz, Charles Jaros.

Additional information from Joan Campbell, March 2012. There is a superficial resemblance between (B.C.9)=**U616** and **U613**, but there are major differences.

1. The tepals of (B.C.9)=**U616** are sharply pointed, those of **U613** are rounded.
2. The female flowers of (B.C.9)=**U616** have a caudaceous bract, and bracteole, and an occasional threadlike strand on the smallest wing or even a few more growing between the large wings on the ovary. The bract is on the peduncle at its base and the bracteole is at the base of the pedicel. **U613** does not have these characteristics.
3. (B.C.9)=**U616** has a darker, more red leaf when grown side by side with **U613** in the same terrarium.
4. (B.C.9)=**U616** has the same thin, skinny rhizomes as **U613**. Small plantlets may appear on the surface of drying leaves of both plants, and both plants have spots on the surface of the leaf. Both plants are Section *Platyterium*, and both plants get a blue tint when about to bloom.
5. The maturing leaves of (B.C.9)=**U616** may have crenate or crenulate edging which disappears as they grow and they become round with no edging. The leaves of **B.U613** often have a pointed look but that too disappears as they mature.
6. The female and male flowers of (B.C.9)=**U616** have four tepals, the bracts are persistent, and sharply point skyward when unopened, then nearly disappear when the fertilized ovary is ripe. The petiole averages 4 inches with a sulcate groove occasional felt. (B.C.9)=**U616**, the fertilized pod has one very long keel, nearly 1½ inch, the pod/capsule itself is only about ¾ inch, and open flowers from 1¾ inch to 1½ inch, pink and white. Stigma spiraled with 2 styles fused halfway, stamens with filaments fused halfway, inflorescence taller or as tall as the leaves.

U617 (U number assigned 5/14/12) Plant material collected by Mary Sizemore, August 2011, W. Kalimantan, Indonesia. Shrub-like, stem medium burgundy, green at nodes, stipules chartreuse. Blade trullate 6 inches, pinnate venation, edge dentate, medium-green, newer leaves show chartreuse edge diminishing with age, red umbo radiates 1 inch down main vein, diminishing color to green on smaller veins, on juvenile leaf spotting occurs. Undersurface dark burgundy to edge, and surrounds leaf edge, main vein cream, diminishing to burgundy on smaller veins. Peduncle deep burgundy, inflorescence reminiscent of hyacinthus, staminate flower small, red front and back, 2 tepals, pistillate flowers underneath in pairs, ovary burgundy with chartreuse mid rib, tepals not yet observed open. Mary Bucholtz, Charles Jaros

U618 (U number assigned 5/17/12) Plant material collected by Rekha Morris. Species with red splash with large, white, fragrant flowers. Its berry-like fruit distinguishes it from **B.U529**, which also has a prominent red splash on its foliage. Documented in Lohit, Arunachal Pradesh. Flourishes at lower elevations, approx. 500-800'. Rekha Morris

U619 (U number assigned 5/17/12) Plant material collected by Rekha Morris. Wild hybrid: *B. aborensis* x *B. burkillii*. Documented in E. Siang, Arunachal Pradesh at an elevation of approximately 500'. (March/April, 2012) Rekha Morris

U620 (U number assigned 5/17/12) Plant material collected by Rekha Morris. Wild hybrid: *B. burkillii* x *B. griffithiana*. Documented in W. Siang, Arunachal Pradesh at an elevation of approximately 900'. (March/April, 2012) Rekha Morris

U621 (U number assigned 5/17/12) Plant material collected by Rekha Morris. Wild hybrid: *B. burkillii* x *B.U529* ? Documented in W. Siang, Arunachal Pradesh at an elevation of approximately 600-800'. (March/April, 2012) Rekha Morris



U604



U607



U605



U613



U606



U614



U615



U616



U617

