

## NEW PLANTS IN THE PHILATELIC HERBARIUM

Christopher E. Dahle, BU1269

### *Ixiolirion tartaricum*, IXIOLIRIACEAE

Common name: Siberian Lily

Synonyms: 18

Bulbous herb to 45 cm. Flower color ranges from light blue to dark violet. Blooms late spring to summer. Grow on rocky hillsides to elevations of 2675 m. Native to central and southwest Asia from the Sinai Peninsula to Xinjiang Province of China.

Armenia Sc#1132. Issued 29 December 2017, Set/2, Flora and Fauna. Printed by Cartor Security Printing.



### *Orbea knobelli*, APOCYNACEAE

Common name: Starfish Plant, Carrion Flower

Synonyms: *Stapelia variegata*, *S. variegata* var. *brevicornis*, *Stisseria variegata*

Leafless, glabrous, clump-forming, succulent perennial. The four-angled stems are usually prominently sharp-toothed, with a soft tip, grey green mottled purple growing in full sun. Each stem can reach over 25 cm. Starfish-like flower, up to 7.5 cm. Drought resistant plant found amongst shrubs in deep Kalahari sands or on calcrete around the Makgadikgadi pans of Botswana.

Botswana Sc#1037. Issued 5 December 2017. Christmas issue, Flowers of the Desert, Set/4. Designed by Ann Gollifer and graphically designed by Irfan Kokabi. Printed in four colors on 103 gsm, Tullis Russell high reading yellow/green phosphor gummed stamp paper.



### *Calanthe puberula*, ORCHIDACEAE

Common name: Hairy Calanthe

Synonyms: 12

Cool-to-cold growing terrestrial with narrowly cylindrical pseudobulbs carrying 4 to 5, basal, green, leaves. Blooms in late spring and summer bearing one or two 23–40 cm long, 4–10-flowered inflorescences. Range: Himalayas to temperate East Asia in moist evergreen broad leaved forests at elevations of 1200 to 3000 m.

China (Taiwan) Sc#4395. Wild Orchids of Taiwan definitive issued 26 January 2018. Designer Chi-jen Lai. Printed by La Poste (France) by offset on phosphorescent stamp paper, or self-adhesive stamp paper in quantity of 60 million.



### *Neottia meifongensis*, ORCHIDACEAE

Synonyms: *Listera meifongensis*

Plants 12–25 cm tall, with short rhizomes. Leaves sessile, broadly ovate. The labellum is yellowish-green and semi-transparent. The flowers measure 1.2 to 1.8 cm across. It flowers in summer. Endemic to forests of *Abies kawakamii* and *Tsuga chinensis* var. *formosana*, 2,700–3,000 m, in central Taiwan.

China (Taiwan) Sc#4398. Issued 27 February 2018 for definitive issue Wild Orchids of Taiwan. Designed by Chi-jen Lai. Printed by China Color Printing Co. Ltd. on phosphorescent stamp paper in quantities of 1.2 million.



***Dendrobium chryseum***, ORCHIDACEAE

Common name: Yellow Flowered Dendrobium

Synonyms: 10

Large, epiphytic or lithophytic orchid has golden, or almost orange flowers that are 4–7 cm. It flowers from spring until midsummer. Common at 1,000–2,150 m altitudes. Found throughout the western Himalayas, eastern Himalayas, Assam, Bangladesh, Bhutan, Nepal, Myanmar, Thailand, Laos, southern China, Vietnam, and Taiwan.



China, Taiwan. Sc#4399. Issued 27 February 2018, for definitive issue Wild Orchids of Taiwan. Designed by Chi-jen Lai. Printed by China Color Printing Co. Ltd. on phosphorescent stamp paper in quantities of 6 million.

***Bulbophyllum pectinatum***, ORCHIDACEAE

Common name: Comb-like Bulbophyllum

Synonyms: *Bulbophyllum pectinatum* var. *pectinatum*, *B. pectinatum* var. *transarisanense*, *B. spectabile*, *B. transarisanense*, *B. transarisanense* f. *alboviride*, *B. viridiflorum*

Small 5 cm plant has 1.5 cm olive shaped pseudobulbs, each with a single oval leaf. Compact growth habit. Inflorescence holds the single flower above the foliage. Large light green flower is spotted and striped with chocolate, 5 cm. Blooms late spring to summer. Range: Southern China, Assam, Myanmar, Vietnam, and Taiwan, where it is found in forests at 1,000–2,000 m throughout the island.



China, Taiwan. Scott #4400. Issued 26 January 2018 for definitive issue Wild Orchids of Taiwan. Designed by Chi-jen Lai. Printed by La Poste (France) on phosphorescent stamp paper or self-adhesive stamp paper in quantities of 100 million.

***Drynaria propinqua***, POLYPODIACEAE

Common name: Basket Fern

Synonyms:

Basket ferns are characterized by the presence of two types of fronds, fertile foliage fronds and sterile nest fronds. Dark green foliage fronds are large, 0.61–1.22 m long, with elongated stalks. They are deeply lobed or pinnate, winged, and bear sori on the bottom surfaces. Epiphytic or epipetric. Native to Nepal, Bhutan, India, Southeast Asia, and China. Found on mossy tree trunks in dense evergreen forests at 1,200–1,700 m, locally abundant.

Nepal Sc#1059. Issued in a Set/6 in 2017.

***Nephrolepis cordifolia***, NEPHROLEPIDACEAE

Common names: Fishbone Fern, Tuberous Sword Fern, Tuber Ladder Fern, Erect Sword Fern, Narrow Sword Fern, Ladder Fern, and Herringbone Fern

Synonyms: *Aspidium cordifolium*, *A. tuberosum*, *Nephrodium tuberosum*, *Nephrolepis cordifolia* var. *tuberosa*, *Nephrolepis exaltata* var. *tuberosa*, *Polypodium cordifolium*

Tuberous herbaceous plant, epiphytic, epilithic, or terrestrial, with fronds once pinnate, to 1 m long and 7 cm wide. In its native Australia, it occurs in rainforest or open forest in eastern Queensland and northeastern New South Wales. Grown as an ornamental.

Nepal Sc#1060. Issued in 2017.



***Harrisia bonplandii***, CACTACEAE

Common name: Applecactus, Midnight Lady, Queen of the Night, Tuna

Synonyms: *Cereus bonplandii*, *C. guelichii*, *C. pomanensis* var. *grossei*, *Eriocereus bonplandii*, *E. guelichii*, *Harrisia guelichii*, *H. pomanensis* ssp. *bonplandii*

Stems: Slender and weak, some erect or clambering and reaching 1–1.5 m, the others procumbent, arching, or trailing on the ground up to 2.5–3 m long, and 3–8 cm in diameter, strongly 3- to 4-angled. Flowers: White, nocturnal, funnellform, 15–22 cm long, closing soon after sunrise. Fruit: Edible, globular, and strongly tuberculate, 4–6 cm in diameter, red. Grows in the Gran Chaco (Paraguay, north of Argentina, Bolivia, and southwest of Brazil). Present in the understory at edges of dry forests, or associated with tropical plants.

Paraguay Sc#3058b. Issued 28 March 2017 in Set/6 featuring “Cactus and Wild Butterflies of Paraguay.” Printed by *Talleres de Valores Fiscales del Ministro de Hacienda*, Asunción.

***Pouteria campechiana***, SAPOTACEAE

Common name: Egg Fruit, Canistel

Synonyms: 32

Evergreen tree to 10 m with spreading crown. Leaves are thin and glossy 11–28 cm long and 4–7 cm wide. Fragrant flowers are bisexual, solitary, or in clusters January to June. Fruit is yellow, ovate or spindle-shaped maturing September to January. Native to southern Mexico and Central America. Cultivated for fruit.

Philippines Sc#3651. Popular Fruits of the Philippines definitives issued 14 March 2017. Designed by Rodine C. Teodoro. Printed by Litho Offset, Amstar Printing Company, Inc. Quantity 300,000 in sheets of 100.

***Rubus rosifolius***, ROSACEAE

Common names: Roseleaf Bramble, Mauritius Raspberry, Thimbleberry, Philippine Wild Raspberry

Synonyms: 14

Shrub with trailing glandular-hairy stems to 2 m long. Leaves pinnate with 5 or 7 leaflets. Flowers in short panicles or solitary in upper axils. Petals white, as long as, or shorter than the sepals. Fruit ovoid, about 20 mm long, red, edible with a distinct bitter-sour-sweet taste and a hairy receptacle. Native to rainforest and tall open forest of the Himalayas, East Asia, and eastern Australia.

Philippines Sc#3652. Popular Fruits of the Philippines definitives issued 14 March 2017. Quantity 500,000 in sheets of 100.

***Rollinia mucosa***, ANNONACEAE

Common name: Wild Sweet Sop, Wild Sugar Apple, Biriba

Synonyms: *Rollinia deliciosa* and 21 others

Tree 4–15 m with deciduous oblong-ovate leaves 10–25 cm long. Cultivated for its edible fruits. The fruit is large, conical, green when unripe, ripening to yellow. Its surface is covered with soft spines which bruise and blacken when handling. The fruit pulp is very soft and sweet, tasting somewhat like a lemon meringue pie. Native to the Brazilian-Peruvian Amazon at elevations 150–600 m.

Philippines Sc#3714. Popular Fruits of the Philippines definitives issued 14 March 2017. Quantity 3,300,000 in sheets of 100.



***Begonia gutierrezii***, BEGONIACEAE

New species described in 2010. Endemic to southern Palawan at quite low altitudes. This species occurs within the Lipuun Point Reservation, but is currently only known from two collections. Instantly distinct as the only species known from the island with peltate leaves. Native range is Philippines.

Philippines Sc#3741b. Issued 16 October 2017, for Endemic Flowers of the Philippines. Designer: Ma. Aimee Cabingao. Final Artist: Victorino Z. Serevo. Printed in se-tenant blocks of four in Litho Offset by Amstar Printing Company, Inc. Quezon City with quantity of 25,600.

***Opuntia aciculata***, CACTACEAE

Common name: Chenille Pricklypear

Synonyms: *O. engelmannii* ssp. *aciculata*, *O. engelmannii* var. *aciculata*, *O. engelmannii* var. *flexospina*, *O. flexospina*, *O. lendheimeri* var. *aciculata*, *O. strigii* var. *flexospina*

Shrub to 1.2 m. Green flattened succulent stems. Areoles on the circular or oval pads have prominent clusters of loosely attached brown glochids, on the pad surface and especially along the edges. Spines are mostly absent. Flowers orange or deep red to 30 mm. Fruit purplish red, ovoid, 30×17 mm. Found on dry hills mainly on stony outcrops, often in small colonies usually to the exclusion of other plants. Widespread in southern North America, to the Isthmus of Panama.

Romania Sc#5996. Issued 15 September 2017, in Set/4. Designed by Alec Bartos. Printed in offset using four colors by Fabrica de Timbre, Bucharest

***Coryphantha sulcata***, CACTACEAE

Common name: Pineapple Cactus

Synonyms: *C. calcarata*, *C. radians* var. *sulcata*, *C. roederiana*, *C. speciosa*, *C. sulcata* var. *sulcata*, *Mammillaria radians* var. *sulcata*, *M. sulcata*

Plants unbranched to freely branched and forming clumps 30–50 cm in diameter. Relatively smooth except for protruding abaxial central spine. Stems spheric or obovoid, 4–8 × 6–8 cm. Flowers yellow apical 40–60 × 35–55 mm in late spring to summer. Occurs in sandy or gravelly soil in valleys, grasslands, and thickets. Found in Mexican states of Coahuila, Nuevo León, and Tamaulipas and in United States in Texas, at elevations below 150 m.

Romania Sc#5997. Issued 15 September 2017, in Set/4.

***Echinocactus horizonthalonius***, CACTACEAE

Common names: Devilshead, Blue Barrel Cactus

Synonyms: 15

Pale, grey-green to bright glaucous grey-blue, flat-topped or hemispheric, and deep-seated in substrate. Spherical with age or stoutly short cylindrical. Stem slowly growing up to 30 cm tall, 15–20 cm in diameter. Flowers: Pinkish-red, 5–7 cm in diameter, appear end of March to late May. Fruit: Red or pink, oblong, fleshy or semi-dry, and ephemeral. Grows in semi-desert, in xerophilous scrub, on several types of substrates. Occurs on limestone soils of rocky hills in the desert. Native to the southwestern United States and northern Mexico, where it occurs in Chihuahuan Desert and Sonoran Desert habitats.

Romania Sc#5998. Issued 15 September 2017, in Set/4.

