

New Plant Forum 2023 – Eastern Region IPPS

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Keywords: breeding, plant introduction, genetics

Summary

New plants for 2023 are highlighted and described. This year six IPPS-ER breeders

presented herbaceous and woody perennial plants.

PRESENTER

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Alstroemeria ‘Coral Chaos’

Coral Chaos Inca lily shows continuous
flowering from late May until killing frost.

Propagate by rhizome divisions.

Winter-hardy to USDA Zone 5



Figure 1. Flowering plant (left) closeup of flowers (right).

PRESENTER

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Betula costata ‘CinDak’

Cinnamon Curls® Dwarf Korean Birch is a distinctive dwarf selection of Korean birch, which grows in a diminutive, compact, single stemmed form. Attractive creamy white exfoliating bark with cinnamon-colored undersides curling in strips. Cold hardy and tolerant of higher pH soils.

Originated from seed collected from the U.S. National Arboretum germplasm (NA39939). NA39939 originated from a collection trip in 1966 to the Republic of Korea along a trail on Mt. Deogyusan.

Hardiness: USDA hardiness zones 3b to 6;
Mature Size: Height: 9’, Spread 9’; **Form (Shape):** Rounded compact growth habit.



Figure 2. Cinnamon Curls® Dwarf Korean Birch throughout the seasons.

PRESENTER

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A New Seedless form of *Euonymus alatus*. invasive, sterile varieties of Burning Bush (*Euonymus alatus* 'Compactus') using gamma ray-mediated mutation and other breeding techniques. These non-invasive varieties have undergone over 12 years of field evaluations. Many of them produce less than 2% of the seeds compared to currently available cultivars on the market.

Among these sterile varieties, one stands out as completely sterile, with no single seeds produced from the original plant in 20 years, and from a large number of vegetatively propagated plants in 12 years. Both the original plant and its offspring derived from stem cuttings exhibit indistinguishable characteristics such as uniform growth and a brilliant red color in fall. This non-invasive, sterile variety of Burning Bush is now ready for release



Figure 3. *Euonymus alatus* selections.