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# New Plant Introductions — Cultivar Releases

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The Horticultural Research Institute seeks to publish descriptive outlines of New Plant Introductions — Cultivar Releases that are of interest to the nursery industry in its peer-reviewed, quarterly *Journal of Environmental Horticulture*. Authors are encouraged to submit manuscripts describing cultivar releases of new plant material of interest to the nursery and/or allied landscape industries for review and possible publication in the HRI *Journal of Environmental Horticulture*. Cultivar releases should include the following information:

- *Origin* — a brief description of the origin of the material, i.e., sport, chimera, chance seedling. If the selection resulted from a controlled cross, a pedigree should be included.
- *Description* — morphological description of the cultivar release to include a description of those features unique to the material.
  - Flowers — color, shape, size, time of flowering
  - Fruits — color, shape, size, persistence ...
  - Seeds — description, if applicable
  - Leaves — color, shape, texture
  - Bark/stems — special features, if having landscape value
  - Buds — unusual features, if appropriate
  - Gross morphology — height, spread, habit
- *Adaptability* — description of unique tolerances to growing conditions.
  - USDA hardiness zone
  - Special tolerance to salinity, heat, drought, cold, if applicable
  - Insect and disease susceptibility and/or tolerances
- *Cultural Conditions* — description of those conditions and/or limitations observed regarding culture that are of value to the trade, both for those wishing to produce and those interested in landscape usage.
  - Special soil conditions — pH, moisture level, soil composition (sandy, loam, etc.)
  - Growth rates
  - Locational preference — sun/shade tolerance
- *Performance* — data to demonstrate and/or document superior characteristics over commercially available material, if applicable.
- *Propagation* — general description of method(s) used.
- *Landscape Uses* — brief description of potential landscape use(s).
- *Availability* — description of any unique arrangements regarding availability.
  - Patents or trademarks
  - Licensing arrangements, if applicable
  - Commercial sources, with addresses

Articles describing new cultivar releases should include the above 8 major headings where appropriate. Either glossy black-and-white photograph(s) or digital photo files should accompany the release report and, where appropriate, should highlight unique features.

Manuscripts describing cultivar releases should be submitted electronically to the editor, **Dr. Thomas A. Fretz** at <tfretz@umd.edu>. Authors can contact Dr. Fretz by telephone at (410) 715-5432 or via e-mail at <tfretz@umd.edu>.