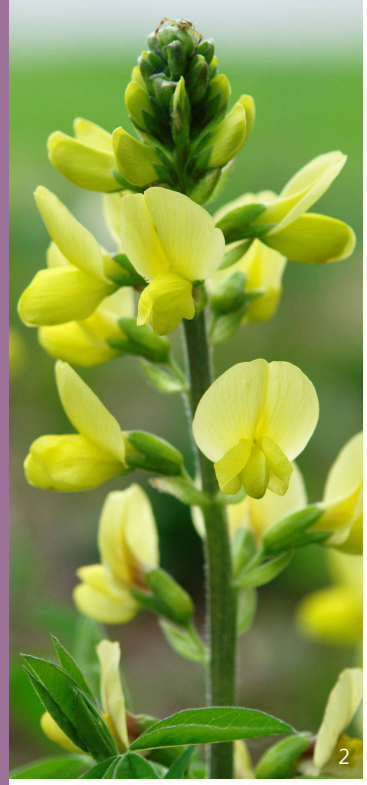
URBAN | STORMWATER SYSTEMS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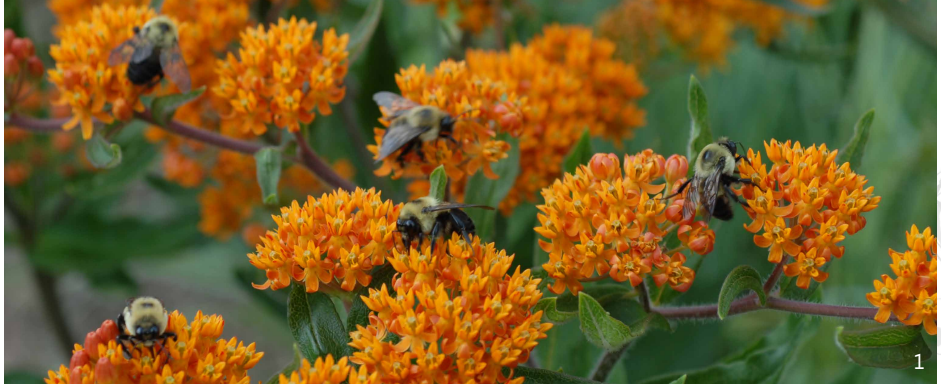
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Plum + Walnut Street Stormwater Management Planting | City of Lancaster, Pennsylvania

NorthCreek NURSERIES
Where horticulture meets ecology.

RECOMMENDATIONS FOR ENGINEERED, SAND-BASED SOILS

Urban stormwater systems require dense vegetation in order to function, and these systems make high demands on plants. Vegetation must survive in quickly draining soils. Plants are faced with conditions like high winds, heat, sun, salt, alkalinity and frequent disturbance. When obligate wetland plants are specified for these harsh sites the systems generally fail.

North Creek recommends finding inspiration from coastal species and perennials which have adapted to thrive in such environments. This palette offers a refreshing new aesthetic: mid-height vegetation with stunning color, texture, pollinator value and excellent stormwater treatment function. Most importantly, these plants flourish in urban conditions.

plant palette for engineered, sand-based soils in full sun

Allium cernuum [16], *Asclepias tuberosa* [1], *Asclepias verticillata*, *Bouteloua curtipendula* [9], *Bouteloua* 'Blonde Ambition' , *Coreopsis verticillata*, *Chrysopsis mariana* [11], *Echinacea paradoxa* [5], *Eragrostis spectabilis*, *Eryngium yuccifolium* [10], *Juncus effusus*, *Liatris spicata* [4], *Monarda bradburiana* [3], *Oenothera fruticosa*, *Panicum* 'Cape Breeze', *Physostegia virginiana* 'Pink Manners' [12], *Pycnanthemum flexuosum* [7], *Rudbeckia maxima* [14], *Schizachyrium scoparium* 'Standing Ovation', *Solidago odora*, *Solidago rugosa* 'Fireworks', *Sporobolus heterolepis*, *Symphyotrichum ericoides* 'Snow Flurry' [8], *Symphyotrichum oblongifolium* 'Raydon's Favorite' [6], *Thermopsis caroliniana* [2], *Vernonia lettermannii* 'Iron Butterfly' [13]

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