



Spontaneous Urban Plants: Weeds in NYC
PARKS WITHOUT BORDERS – May 24th, 2016

R	Residential	G	Garden	Ph	Phytoremediation	Gy	Outdoor Gym	RP	Roof pond
In	Institution	T	Terrace	U	Urban Farm	BR	Brown Roof	Ro	Roof Spray
C	Commercial	GW	Green Wall	Or	Urban Orchard	WR	Wetland Roof	Pa	PAFCAL
Rs	Research	RG	Roof Garden	G	Gastronomy and landscape	Bi	Street Bioswale	Wb	Windbelts
If	Infrastructure	VG	Vertical Garden	Aq	Aquaculture	SC	Solar Coils	Wh	White Roof
Pz	Plaza	WG	Window Garden	F	Fog Farm	W	Water Wall	Re	Reforestation
GR	Green Roof	Sm	Smartflow	Lv	Locavore Farming	Ch	Charging Ports	Rf	Retro-fit
Pk	Park	Da	Dance Floor	PV	PV Panel	BS	Bike - Share	Sw	Slow Food
C	Courtyard	WU	Wild Urban Plants	Ci	Roof Cistern	CS	Car - Share	Pp	Permeable Paving
PA	Public Art	A	Algae	Ra	Rain Garden	Wi	Wind Turbine	Pd	Productive Landscape
						PI	Plug-In	Pf	Performative Landscape
						Ei	Eidetic Memory	SE	Socially Engaged Landscape



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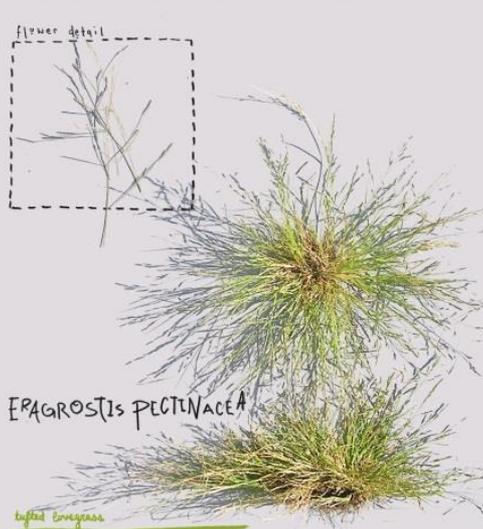
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ERIGERON ANNUUS
Hoary Fleabane

Life Form: WINTER/SUMMER ANNUAL
Place of Origin: EASTERN NORTH AMERICA
Flowers + Fruit: SEEDS PRODUCED ASEXUALLY + GENETICALLY IDENTICAL WITH PLANT THAT PRODUCED THEM - FORM OF CLONAL REPRODUCTION KNOWN AS APOMIXIS
Habitat Preference: VACANT LOTS, RUBBLE DUMPS, ABANDONED LAWNS, URBAN MEADOWS + RR TRACKS
Cultural Significance: USED BY NATIVE AMERICANS TO TREAT VARIETY OF AILMENTS; MYTH THAT BURNING IT DRIVES AWAY FLEAS + GNATS

PROFILE OF SPONTANEOUS URBAN PLANTS | No. 007



ERAGROSTIS PECTINACEA
Jointed Crabgrass

Life Form: SUMMER ANNUAL
Place of Origin: NORTH AMERICA, EXCEPT ALASKA
Vegetative Characteristics: WHEN IN FLOWER, WHOLE PLANT HAS SHINY APPEARANCE + GLISTENS IN SUN
Habitat Preference: SIDEWALKS + PAVEMENT CRACKS, VACANT LOTS, SOIL OUTCROPS, HIGHWAY BANKS + MEDIAN STRIPS
Eco Function: DISTURBANCE-ADAPTED COLONIZER OF BARE GROUND

PROFILE OF SPONTANEOUS URBAN PLANTS | No. 008



ARTEMISIA VULGARIS
Mugwort

Life Form: HERBACEOUS PERENNIAL
Place of Origin: EURASIA
Habitat Preference: DISTURBED, COMPACTED SOIL WITH HIGH pH
Eco Function: PHYTOREMEDIATION (ABSORBS HEAVY METALS ZINC, COPPER, LEAD + CADMIUM); EROSION CONTROL ON SLOPES
Cultural Significance: USED TO FLAVOR BEEF BEFORE HOGS TAKEN OVER; TEA MADE FROM LEAVES USED TO TREAT EPILEPSY IN EUROPEAN TRADITIONAL MEDICINE; POLLEN CAN BE MAJOR CAUSE OF FALL HAY FEVER

PROFILE OF SPONTANEOUS URBAN PLANTS | No. 009

Spontaneous Urban Plants

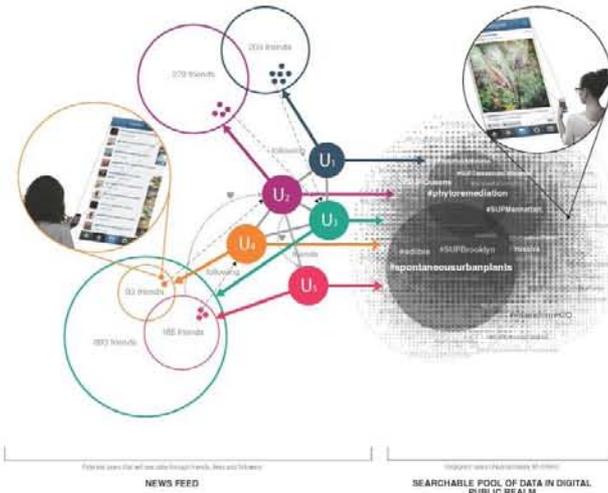
User2
 Upper West Side, Boat Basin



Algeria (L.) Desf.
 This species is a common urban plant, growing in cracks in concrete and along the edges of sidewalks. It is a member of the Asteraceae family and is known for its ability to tolerate urban conditions. It is a native species and is considered a weed in many urban environments.

Urtica dioica L.
 This species is a common urban plant, growing in cracks in concrete and along the edges of sidewalks. It is a member of the Urticaceae family and is known for its ability to tolerate urban conditions. It is a native species and is considered a weed in many urban environments.

Plantago major L.
 This species is a common urban plant, growing in cracks in concrete and along the edges of sidewalks. It is a member of the Plantaginaceae family and is known for its ability to tolerate urban conditions. It is a native species and is considered a weed in many urban environments.



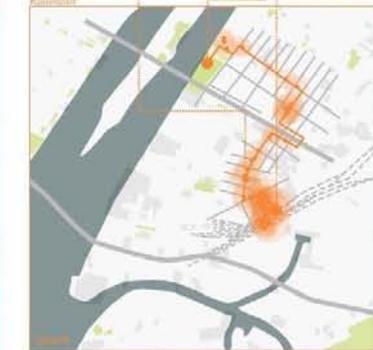
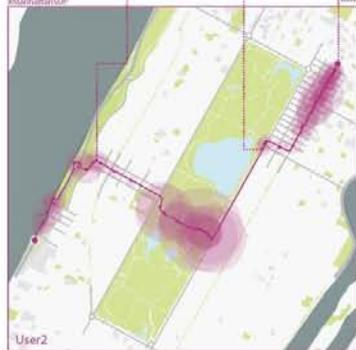
#N140-1

#WildDevelopment
 This is a list of 17 locations in NYC where spontaneous urban plants are growing. The locations are marked on a map of NYC with red dots and numbered 1 through 17.

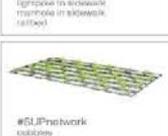
#Phytoremediation
 This is a list of 17 locations in NYC where spontaneous urban plants are growing. The locations are marked on a map of NYC with red dots and numbered 1 through 17.

#EdibleProduction
 This is a list of 17 locations in NYC where spontaneous urban plants are growing. The locations are marked on a map of NYC with red dots and numbered 1 through 17.

#MedicinalApplications
 This is a list of 17 locations in NYC where spontaneous urban plants are growing. The locations are marked on a map of NYC with red dots and numbered 1 through 17.



WEED HABITATS



APPLICATION

ADDITION



water collection



valuable woods



circulation



light



receptacle



seed bombs

SUBTRACTION



noxious weeds



barrier

REPLICATION



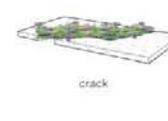
wire armature



seams



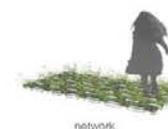
curb seam



crack



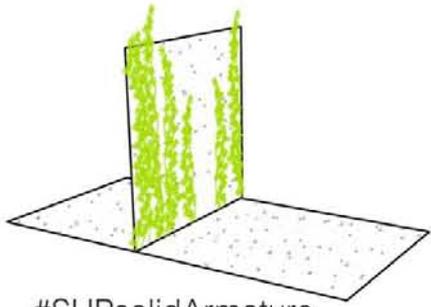
pole seam



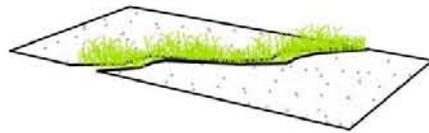
network

OPTIMIZATION

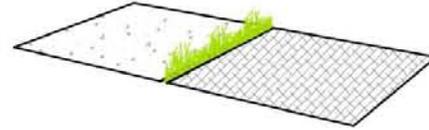




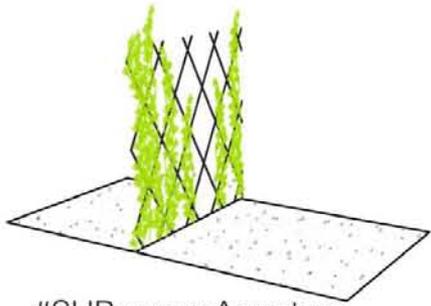
#SUPsolidArmature
abandoned building
brick wall
concrete block wall



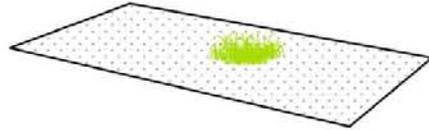
#SUPcrack
crack in sidewalk
crack in wall



#SUPseam
sidewalk to curb
building to sidewalk
lightpole to sidewalk
manhole in sidewalk
railbed



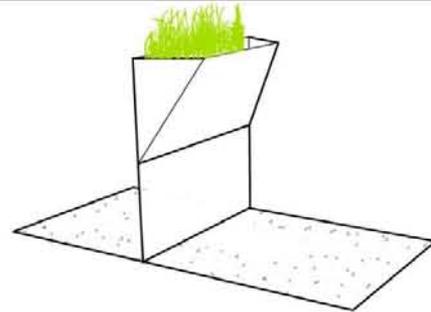
#SUPporousArmature
chainlink fence
wrought iron fence
railing



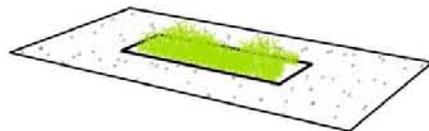
#SUPporousSfc
beach
unmaintained lawn



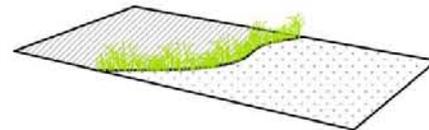
#SUPnetwork
cobble
unit paving



#SUPpocket
gutter
rail trestle
top of wall



#SUPvoid
abandoned park
vacant lot
drain
unmaintained tree pit
crumbling wall



#SUPtransition
wetland edge
woodland edge













Handwritten graffiti on the fence, likely in Chinese characters, including characters like '大', '水', and '天'.









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#spontaneousurbanplants

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Ailanthus altissima





Leaflet | © OpenStreetMap contributors

Search common or scientific name



ALL

- ALL PLANTS
- Dodder
- Common Purslane
- Oxeye Daisy
- Annual Ragweed
- Spear Thistle
- Common Mullein
- Tree of Heaven
- Persian Silk Tree
- Mugwort

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DISTURBANCE ADAPTED



WILDLIFE HABITAT



CARBON SEQUESTRATION

CO₂

EDIBLE



MEDICINAL



PHYTOREMEDIATION



STORMWATER RETENTION



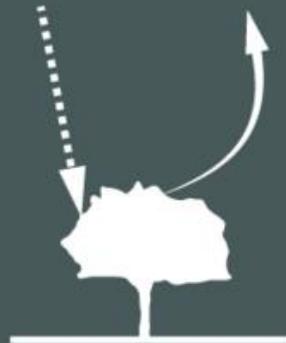
ECOLOGICAL DISSERVICE



EROSION PREVENTION



URBAN HEAT MITIGATION



NOISE REGULATION



FLOOD PREVENTION





Weeds in NYC

David Seiter

With Future Green Studio