

# Indicator Plant Dynamics: Chihuahuan Desert Region and Adjacent Areas

by David Cristiani

Transect: Rio Grande Valley, NM-68, US-85 and I-25 (plus nearby roads) - as a function of latitude (N to S)

In a suitable edaphic condition / environment within a given geographic area:

**X** = presently or formerly common / **x** = presently or formerly uncommon / **?** = not sure, possible



Plant species		NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	TX	TX
		Taos	Santa Fe	Tent Rocks, Cochiti	San Ysidro, Zia Pueblo	Algodones	Bernalillo	Placitas	Sandia Pueblo	Albuquerque	Sandia Mtn foothills	Valencia County	Socorro	T or C	Las Cruces	Organ Mtn foothills	El Paso	Presidio
Botanical name	COMMON NAME																	
Aristida purpurea	PURPLE THREE AWN	?	?	?					X	X	X	X	X	?	?	X	?	?
Bouteloua eriopoda	BLACK GRAMA	?	?	?					X	X	x	X	X	?	?	x	?	?
Dasyochloa pulchella	FLUFFGRASS	?	?	?					X	X	X	X	X	?	?	X	X	?
Muhlenbergia porteri	BUSH MUHLEY	?	?	?					X	X	X	X	X	X	X	X	X	?
Psoralea scoparius	BROOM DALEA		x	X					X	X		X	X	X	X		X	
Baileya multiradiata	DESERT MARIGOLD		?	?	?	?	X	?	?	X	X	X	X	X	X	X	X	X
Opuntia macrocentra	PURPLE PRICKLY		?	x				?	?	x	x	X	X	X	X	x	X	X
Prosopis pubescens	SCREWBEAN,		?	?	x				X	X		X	X	X	X		X	X
Prosopis torreyana	HONEY MESQUITE		?	x	?	?	?	x	x	x	X	X	X	X	X	x	X	X
Chilopsis linearis	DESERT WILLOW	x	?	x	x	x	x	x	X	x	X	X	X	X	X	x	X	X
Thymophylla acerosa	SHRUBBY DOGWEED	?	?	X	?	X	X	x	x	x	x	X	X	X	X	x	X	
Sporobolus wrightii	GIANT SACATON																	
Nolina greenii / Nolina texana	BEARGRASS		x	?				x	x	x	X	X	X	x	X	X	X	x
Opuntia engelmannii	DESERT PRICKLY		x	?				?	x	x	X	X	X	X	X	X	X	X
Aloysia wrightii	BEEBRUSH		?						?	x	x	x	X	X	X	x	X	?
Parthenium incanum	MARIOLA		x						?	x	x	x	X	X	X	x	X	X
Acourtia nana / Perezia nana	DWARF PEREZIA			?	?	?	?	?	?	x	?	?	X	X	X	?	X	?
Larrea tridentata	CREOSOTE BUSH				x	?			x	x	x	x	X	X	X	x	X	X
Bahia absinthifolia	DESERT BAHIA				?	?			?	x	?	?	x	x	X	?	X	?
Yucca elata	SOAP TREE YUCCA					?			?	x	?	x	X	X	X	?	X	x
Rhus microphylla	LITTLELEAF SUMAC								?	x		?	X	X	X	x	X	X
Lycium torreyi	TORREY WOLF BERRY								?	x		?	?	X	X	?	X	?
Echinocactus horizontalis	BLUE BARREL								?	x	?	X	X	X	X	x	X	X



