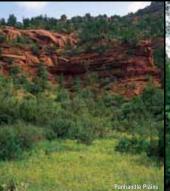
WILDFLOWER REGIONS OF TEXAS















PANHANDLE PLAINS

PANTARULE FLAINS
The Teass Pathandic combines the vegetational areas of the Rolling Plains with that of the High Plains with that of the High Plains, which are the Soutermost extension of the Great Plains of the United States. The Rolling Plains consist of jumpier woordlands and midgrass prairies, while the High Plains are primarily short grasses. Much of the Pathandich has been converted to cropland and ranches. Sand sage-brush and honey menquites, adone with brilling grass, various species of grama grass and little bluestem dominate the natural landscape.



forest crossing strips of prairie grassland they found here. This region also includes the Blackland Prairies, so named for its deep, fertile black soit. The area's once-dominant grass species—big and little bluestem, Indiangrass and switchgrass—are now found only in pockets of land left undisturbed by grazing or cultivation.

PINEY WOODS

PINEY WOODS

The eastern portion of Texas includes the expectational areas of the Piney Woods and the Post Oak Savannah. With its abundant rainfall (40 to 55 inches a pear), the Piney Woods is characterized by mixed pine and hardwood forests, plus wamps that support unique species such as pitcher plants, orchids and sundews. Flowering dogwoods herald the arrival of spring in moist woodlands. The Post Oak Savannah—dominated by hickories, post oak and blackjac oak. — comprises a transition zone between the eastern forests and prairies to the west.

GULF COAST

bull fulls this 9-to 100-mile-wide are of land bordering the Gulf of Mexico consists of congrass marbes, which support a rich array of marine life and provide wintering grounds for water birds. Remnants of coastal talligras and midgrass prairies with tall woodlands are found in the river bottom-lands. Much of the land has been developed into farms, ranches and urban areas. With an annual rainfall of 25 to 55 inches, the Gulf Coast blooms almost year-round with morning glories, sea ox-eyes and beach evening primroses

SOUTH TEXAS PLAINS

SOUTH 1EXAS PLAING
The South Texas Plains, known as the
Rio Grande Plain, is a land of thorny
woodlands, shrublands and many subsical species. Formerly an area of open grasslands,
ay's South Texas landscapes reflect the changes

ight by agriculture, industry and urban develop Rainfall is sparse, but when it comes—usually in spring and fall—it brings a profusion of wildflowers, cacti and flowering shrubs such as huisache.

HILL COUNTRY

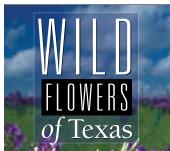
HILL COUNTRY
One of the richest areas for wildflower displays, Central Texas includes the Edwards Plateau, known more popularly as the HIII Country. This region is primarily an area of oak-hickory or oak-jumiper woodlands, mesquile-mixed brushs savanmah and grasslands. The secine area is a rich eccoystem with limestone ediffs, caves, granite outcrops and hidden springs, which retend tevenshe habitats for wild-flowers. Favorities such as bluebonnets, Indian paintbrush, discounted to the country of winecups, Indian blanket and lemonmint paint the fields
with bold palettes of color



BIG BEND COUNTRY

BIG DERIN GUNNINT

WINT Texas, primarily the Trans-Pecos rane, is perhaps the most complex of all othe regions. An land of desert and mountains, the region's annual rainfall can be as little as eight inches. The Trans-Pecos is home to the highest point in the state—Guadalupe Peak at 8,749 feet above sea level. Most caryones, wooded mountains and desert shrublands offer myriad habitats for unusual wildflowers. Spring rains transform this aird region into a riot of color as Chisos bluebonnest, desert marigolds and a variety of cart bloom. An encore comes with a second flowering period in the fall, following late summer rains.



💹 WILDFLOWERS OF TEXAS

ITH ITS SPRAWLING SIZE AND DIVERSITY of landforms, Texas offers a treasure of spectacular wildflowers for residents and visitors alike. More than 5,000 species of flowering plants are native to Texas. The abundance results from an excep tional multitude of plant habitats and weather conditions

Texas elevations range from sea level to craggy mountain peaks over 8000 feet high. More than 55 inches of annual rainfall drench the jungle-like regions of East Texas, while the sun-baked Chihushuan Desert of West Texas averages less than eight inches of mosture per year. Although Panhandle localities average 24 inches of snowfall a year, the city of Brownsville at Texas' subtropical tip rarely records a single snowflake.

NATION'S LARGEST GARDENER

Connecting all the sites and offering sightseeing access is the Texas highway system. Along the roads lie more than 800,000 acres of highway right-of-way. The Texas Department of Transportation cares for every acre. Landscape architects and maintenance personnel carefully groom the roadsides and highway medians—fertilizing, mowing,



dge. For instance, the most effective roadside horti

culture mimics nature. Plantings of single species don't do well. Roadsides are most stable when natural combinations of grasses, legumes and wildflowers are encouraged. In subtle symbiosis, the varieties complement each other, form better ground cover, and are healthier, hardier and more drought resistant. The result is beauty by the mile



PRIME TIMES & PLACES



PRIME TIMES & PLACES

March, April and May are prime blooming mouths in Texas. Dogwood festivals in Woodville and Palestine celebrate the sea-work of the March and the first veckends in March and the first barrier and the first barrier and the mouth of the March and the first barrier a



While spring hosts lavish wildflower displays, succeeding months offer their own spectacles

While spring hosts lavish wildflower displays, sacceeding months offer their own speciales. Indian blankets may color entire fields with red and orange during May and June. Bunches of brilliant yellow flowers thrive during sunlace is a September of ferring, followed by full blooms indusing goldenned and purple gayleather. In mid-October, roses are rivaled in color by October's autumn trails in Canadian and Winnsborn. In West Teax, colorfull blooms of carici, succulents and other desert species may erupt following any rain.

Keep this folder handy as you travel Texas. It will introduce many beauties seen along Texas highways and enhance the

LIKE TO KNOW MORE?



The state's capital city, Austin, is home to the Lady Bird Johnson Wildlower Center, a research unit of the University of Texas at Austin, devoted to the preservation and use of native plants. The Wildlower Center is a botanical garden that demonstrate the beauty and importance of native plants. Water features, nature trails, display gardens, visiton gallery, café, gfit store and award-wining architecture can be found, along with information on how to plant and grow wildlowers. Spring wildlowers bloom March through June; fall wildlowers bloom September through November.

De Center is at 88U1 as fromes—from 1-35 take. Exit 227.

The Center is at 4801 La Crosse—from I-35 take Exit 227 (Slaughter Lane) and go west six miles. Turn left on Loop 1 South. La Crosse is the first left turn. The Center is down two blocks on the right. For more information: www.wildflower.org or 512-232-0100.





WILDFLOWER SPECIES



1. TAHOKA DAISY (Machaerunthera tunaceiifolia) also known as tansy aster, grows abundantly in the sandy soils of West Texas or the Panhandle. Its rich-purple flower head with the yellow center adds a vivid spot of color to dusty landscapes. Tahoka daisies bloom from late spring to summer.

2. BUTTERLY WEED (Asclepias tuberosa) blooms in spring and summer in East and Central Texas. Although the leaves are poisonous to livestock, the nectar is a staple of monarchs and other butterflies.

A. MEDIGAN HAT (Ratibida columnifera) is so named for its striking resemblance to the traditional high-crowned, broad-brimmed Mexican sombrero. Common throughout most of Texas, Mexican hat blooms from May to July and later with favorable weather.

[22] [23] [23] [24] [25] [25] [25] [25]

A. AMERICAN LOTUS (Netlumbo lutea), or water lily, is a close relative o the sacred lotus of Egypt. It grows in quiet waters of South and East Texas. At maturity, the flat-topped seed pod floats away, releasing seeds in new locations as it decays. [20] [20] [20] [31] [41]

Section in the reconstruction as a recept, SE BUE-FTRE BRASE (Sisyrinchium spp.) On sunny spring days (April to May), this perennial, with its grasslike leaves, blankets roadside pasture with blue to purple blooms. Common in the sandy forests of East Texas and the prairies of the Texas Gulf Coast. 201 201 201 201 201 101

8. PMK PUBLIS PRIMINGS (Ornothern specious), sometimes called buterups, open at dusk in northern parts of the state, resembling timy glowing lamps. Though the flowers whiter the next day, new blossoms open each evening; in the rest of the state, blooms stay open al day. With favorable weather, these trought-tolerant beauties bloom from April to June. 7.000TILIO (Fouquieria splendens) is also known as slimwood, candlewood, coachwhip and flamingsword. A native of West Texas, costill (ob-ke-tec-ob) blooms in April and May, and sporadically thereafter I following rains. During dry periods, it looks dead and leafless.

8. HUSACHE DASY (Amblyolepis setigera) emits a fresh scent that smells like newly mown hay. It blooms from April to June in Central and South Texas. The yellow husache (we-satch) daisy often grows in thick blankets beneath huisache and other chaparral shrubs, hence its name.

10. BUBBLIS (Eustoma grandiflorum) are one of the loveliest Texas wildflowers. The bluebell blossoms from June to September. Don't pick them! Bluebells have virtually disappeared in many locations due to indiscriminate picking. [27] 128 [20] 168 153 [118]

11. ABAVE (Agave spp.) grows in the Chihuahuan Desert of Southwes Texas. It is sometimes called the century plant, as each plant only flowers once in its lifetime, and it may take many years to reach the flowering stage. The tall flower stalk provides a feast for birds, bats, buttefflies and other insects. Tequila is made from commercially grown agave.

12. NDIAH BLAIKET (Gaillardia pulchella), also called firewheel, flowers across much of the state from April to June. When view in mass, its brilliant combinations of red, orange and yellow rese brightly woven tapestries.

13. SPIDENWORI (Tradescantia gigantea), well represented in Texas, has a dainty, three-petal flower with slender, hairy stamens. The flower color can be an indicator of the pH of the soil. Acidic soils produce bluer flowers, while more alkaline soils create varying shades of pink and purple.

14. REABAIK (Erigeron philadelphicus) is a common flower on sandy soils throughout most of East Texas, usually along roadsides and streams. It flowers early in the spring, persisting until late summer.

15. VERBENA (Verbena spp.) species, found throughout all regions, are among the most abundant wildflowers in the state. Although verbe-

IS LEMDINATI (Monarda citriodora), also called horsemint, grows abundantly throughout most of Texas, in many different colors. Various species flower from May to Spertmehre, and each species attracts particular nectar-seckers, including bees, butterflies and humminghirds. Pioneers brewed a cough medicine from lemonmint 122 124 100 105 183 183 193

17. TEXAS DANDELION (Pyrrhopappus carolinianus), or false dandelion grows commonly over the eastern half of the state. Besides growing in fields and along roadsides, it often invades yards. Its lemon-yellow flower heads bloom in the mornings from March through May.

18. SPIDER LILY (Hymenocallis liriosme) has fragrant flowers with dramatic white petals. Requires a generous source of water, and grows in ditches, beside ponds and on coastal prairies.

19. WHITE PRIOXLY POPPY (Argemone albiflora), an abundant, nettle-like plant of Central and South Texas, blooms profusely in April. Closely related is a yellow species, Mexican poppy, and several other species with colors varying from lavender to rose.

20. CENIZO (Leucophyllum frutescens) thrives in dry areas of the wes em half of the state. Although it is also called Texas or purple sage cenizo is not a true sage. After rains, the soft, ash-colored leaves become engulfed by masses of lavender blossoms. 21. BASKET FLOWER (Centaurea americana), also called shaving brush, has feathery pink outer ray flowers surrounding a creamy center of

has feathery pink outer ray flowers surrounding a creamy condisk flowers. Underneath the flower are straw-colored bracts that resemble a word basket. Basket flower occurs throughout most of Texas and blooms from June to July. 127 128 120 125 131 131 132 22. YUECA (Yucca torreyi), or Spanish dagger, flourishes over much of Texas, but it is most common in western areas where it can attain heights of 18 feet. A huge mass of white blossoms appears in spring and sometimes after fall rains. [27] [51] [61] [53]

23. WILD AZALEA (Rhododendron canescens), sometimes called swamp honeysuckle, thrives in the wet woodlands of East Texas. Large pink and white petals appear before the azalea leafs out in early spring.

24. CACII, (Strawberry cactus, Echinocereus stramineus) such as this shows species, grow on dry soils throughout most of Texas and bloom in early summer. The flowers vary in color from pink to red, lavender and yellow-green. The flower forms into a fleshy green

fruit.
PP GC ST HC BB

25. COREOPSIS (*Coreopsis tinctoria), or tickseed, often blankets whole fields and roadsides with the brilliance of gold. It blooms from May to August in the eastern half of the state. Early settlers used the plants in their mattresses to ward off ticks and fleas.

26. SWAMP MALLOW (Hibiscus moscheutos) is one of the most popular Texas species in the mallow family. Native to tropical areas along the Gulf Coast, swamp mallow also inhabits low areas of East Texas. The mallow family includes such crops as cotton and okra.

27. INDIAN PAINTBRUSH (Castilleja spp.) varies in color from scarlet to orange, cream, yellow and occasionally purple. The brightly colored tips of the petal-like bracts look like they've been dipped in a brilorange, cream, yellow and occasionally purple. In e originity contest tips of the petal-like bracts look like they've been dipped in a brilliant paint. Indian paintbrushes grow throughout the state and bloom in early spring.

28. PRICKLY PEAR CACTUS (Opuntia spp.) grows throughout Texas The vellow to deep purple flowers form edible, pear-shaped from that turn dark red as they ripen in late summer and fall. W GC STI HC BS

20. 08EIJEHT PLANT (Physostegia pulchella) is an endemic species, found mostly in the wet bottomlands of East Texas. You can move the flowers around on the stem and they'll stay where you put them, hence the name "Obedient." Obedient plant blooms from April to June.

30. GOLDENROU (Solidago spp.), a much-maligned plant, is mistakenly thought to cause hay fever. The real culprit, ragweed, blooms at the same time. Texa has more than 30 species of goldenrot, and most flower in late summer and fall.

31. CARDINAL FLOWER (Lobelia cardinalis), although found throughou the state, requires moist areas that occur more commonly in the east ern half of the state. The bright-red flowers often grow along stread anaks, where sulfur butterflies and hummingbirds partake of their nectar. Cardinal flowers bloom from May to December, depend on the amount of moisture.

22. SEPY DAISY (Xanthisma teranum) grows in open sandy areas, mainly in South and Central Texas. At night or on cloudy days, the ray flowers close up, and the daisy seems to "sleep," Sleepy daisy blooms from late spring to early fall. [22] [23] [23] [23] [24]

33. GRASS PIMS (Calopogon tuberosus var. tuberosus) is one of many fascinating orchids found in the tangled swamps of the Big Thicket area in Southeast Texas. Grass pinks and other unique species are becoming more scarce as human activities threaten their habitats.

important plant in helping stabilize the dunes of Padre Island and other coastal beaches. Blooming from April through December, the flowers open each morning and close in the afternoon.

5. GAYFEATHERS (Liatris spp.), also called blazing stars, grow in opeareas throughout the state. Blooming from late summer to fall, the purple or pink spikes contrast strikingly with prairie grasses. 36. STANDING CYPRESS (Ipomopsis rubra) ranges from East Texas west to Gillespie and Taylor counties. The bloom is a spectacular column of scarlet trumpets displayed from May to July.

37. LMIAMA (Lantana urticoides), a three-to five-foot shrub, grows in various habitats throughout the state. Under favorable conditions the bright, multicolored blossoms flower from spring until the first frost. [28] [30] [68] [51] [53]

38. PICHER PLAIT (Surracenia alata) is a carnivorous plant that gr in swampy areas of East Texas. Attracted by sweet nectar secret by a pitcher plant's glands, insects cruel into the inviting green to Unable to maintain a foothold on the smooth inner surface, the insects slip further into the tube, where downward curving hairs prevent their exappe. [20] [27]

prevent their escape. Left Left January Legislation (Legislation), also called mescale beam, is an evergreen bruth or small tree found in Central and Southwest Teas. In early spring, nonuninal harshe potential level lovely clusters of purple flowers with a distinct grape fragrance. The mark, red beams that appear in the fall are poisonous. This species is unrelated to the southern mountain harrel (Kalmia haifolias) found in eastern state. Eff 116 # 117.

1000 the asserts saus.

240. DGW000 (Cornus florida) blossoms herald spring throughout much of East Texas. The small, graceful trees often grow beneath towering pines (softwoods) and hardwoods. Spring dogwood trails are scheduled at Palestine and Woodville.

41. CHOCOLATE DAISY (Berlandiera lynata), often called green eyes, grows in Central and West Texas on rocky limestone soils. When th yellow ray flowers drop, the green sepals undermed hook like eyes Chocolate daisy blooms from June to October. [22] 181 181 292

42. MAGNOLIA (Magnolia grandiflora) blossoms, with the rich purity of their creamy color, rank high on the list of favorite flowers. The graceful evergeen trees grow wild in East Texas bottomlands and are found in yards and gardens throughout the state.

are found in yards and gardens throughout the state. [20]

43. CEMR SAEE (Salvia roemeriana) inhabits shady, moist areas of
Central Texas. Often found in cedar brakes, oak woods and canyons,
the vivid red flower adds a colorful touch to somber woods. Cedar
sage blooms from March to July. [Ed]

44. TEAS INISTIE (Cirsium texanum) grows in all areas of the state except the Panhandle. It is almost identical to the Scottish thist that's the symbol of the Encyclopaedia Britannica. Bumblebees swarm around the flowers, which bloom from April to August.

45. BLACKFOOT DAISY (Melampodium leucanthum) thrives on ca ous soils of West and Central Texas. A low-growing perennia flowers form a dense, compact mound. Blackfoot daisies flow early spring through fall.

46. WILD FOXGLOVE (Penstemon laxiflorus) blooms from April to May in various shades of lavender and purple. The bell-shaped flowers also are called fairy thimbles. Early settlers called the plant "balmony" and brewed a laxative tea from the leaves. [23] [23] [35] [35]

47. WILEUP (Callirhoe digitata) is found in most parts of the state, except the west. The delicate burgundy flower blooms in early spring on sandy soils in open woods and scrublands.

48. MOUNTAIN PINK (Centaurium beyrichii) thrives on the barren, gravel-strewn limestone hills of Central Texas and westward. The flowers, which bloom in early summer, branch to form a perfect bouquet. Called quinien weed by pioneers, the plants were dried and used to reduce fevers.

49 TEXAS BUEBONNETS (Lupinus texensis) blanket large portions of state in early spring. All six species of lupine that grow in Texas been designated as the official state flower by the State Legislate.

50. BLACK-FYED SUSAN (Rudbeckia hirta) is a prairie species found throughout Texas. Its bright yellow flowers with a chocolate brocenter bloom from May through September. Hardy black-eyed Susan makes a nexcellent wildflower for roadsides.

51. WILD PHLOX (Phlox drummondii) occurs most frequently in spectacular masses of color among sandy post oak woods and along road sides in South Central Texas. While red is the most common color, you will also see various shades of pink, blue and purple. Phlox blooms in early spring.

52. SAIID VERSEIIA (Abronia ameliae) blooms from April to August on dry plains, sandy hills and beaches, mostly in southern Texas. Not actually in the vervain family, sand verbena is a showier rela-tive of the falfurri