



Saga Tree / Red Bead Tree

# *Adenanthera pavonina*



- Medium-sized leguminous tree, up to 25 m height, with somewhat irregularly rounded crown.
- Trunk slightly buttressed, with greyish-brown bark.
- Leaves bipinnately-compound with 2-6 pairs of secondary stalks. Individual leaflets oblong, thin and pale green with unequally-sided base, 9-15 pairs on each secondary stalk.
- Flowers are small (2 mm), star-shaped, mature from white to creamy yellow to dull orange. Tree blooms throughout year, peaking in May.
- Seedpods thin and curved, ripening from green to woody black and coiling up before splitting to release 8 - 12 seeds. Seeds shiny scarlet red, hard, lens-shaped, with faint "heart line" around margin, eaten and dispersed by birds.

Explosion





## Red Ginger Plant

# *Alpinia purpurata* 'jungle queen'



- Alpinia purpurata is a rhizomatous perennial from tropical America; it is a very showy flower.
- It grows up to 9' tall and develops into large clumps.
- This is a ginger with deep pink spikes of flowers; small white flowers emerge from the bracts of the spike.
- It has larger shiny green oblong leaves and very small seeds.
- It blooms all year round and are used as tropical cut flowers.





Kock's Bauhinia

# *Bauhinia kockiana*



- A woody perennial vine, it has a twining growth form.
- The leaves are arranged alternately along the stem. The leaves are ovate to elliptical in shape and have 3 prominent veins running from the base to the leaf apex.
- The bisexual flowers are borne in clusters. Each flower has 5 small, green sepals and 5 large petals. The flowers are yellow but turn red-orange with age.
- The fruits are flat pods with persistent sepals at the base.

Butterfly-attractive





## Peacock Flower

# *Caesalpinia pulcherrima* 'variegated'



- Shrubby, upright, multi-stemmed with open crown. Smaller and shorter than the normal *Caesalpinia pulcherrima*.
- Bi-pinnate foliage with small, oval leaflets, variegated with white and green colour.
- Showy flowers, orange, yellow and red combination with long stamens and pistil. There is one modified petal which is smaller than the other 4 petals.
- Fruits are flattened pod, about 6 - 8 cm long, splits open when ripen.
- Genus epithet '*Caesalpinia*' honours the Italian physician, philosopher and botanist, Andrea Caesalpino, and species epithet '*pulcherrima*' means 'most beautiful', referring to the flowers.

Butterfly-attractive





## Miniature Papyrus / Miniature Flatsedge

# *Cyperus prolifer*



- Emergent herbaceous aquatic shrub, usually reaching 0.6m height in cultivation.
  - Leaves inconspicuous, reduced to sheaths at base of culms.
- Flowers: Held in umbel inflorescences of numerous thin rays (stalks) radiating erectly out in hemispherical to globular head from apex of culm.
- Fruits: Achenes (1-seeded fruits), brown when mature, dispersed by water and wind. Seldom produced by cultivated specimens.

Water Plant







Lady Di Heliconia / Parakeet Flower

*Heliconia psittacorum* 'lady di'



- Growth Form: It is a rhizomatous herb grows about 1-2 m tall.
- Foliage: Its leaves are lanceolate to elliptical, banana-like.
- Flowers: The inflorescence is erect, consisted of red bracts and pale-yellow tubular flowers.





Lantana

# *Lantana camara*



- Multi-branched shrub, up to 1.2 m tall.
- Leaves rough-hairy with coarsely-serrated margin, emit a pungent scent when crushed or rubbed -- hence the Malay name 'Bunga Tahi Ayam' (Chicken Dung Flower).
- Stems square or 3-angled, covered with bristly hairs when young, often armed with scattered hooked prickles when mature.
- Flowers multi-coloured, changing colour over time and with pollination, held in showy clusters, attract butterflies.
- Fruits 2-seeded globose berries, ripen from green to deep blue or purple-black, eaten by birds which disperse the seeds

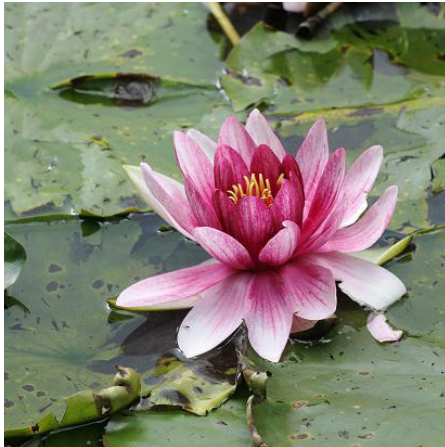
Butterfly-attractive





Water Lily

# *Nymphaea hybrids*



- Showy, floating above foliage and water surface, each bloom lasting up to 7 days. When the flower is pollinated, the flower stem will tighten in a spiraling spring to bring the flower head underwater.
- Fruits are spongy with many seeds that are enclosed in arils. When ripe, up to 2000 seeds are released from each fruit.

Water Plant







Vietnam Leaf Flower

# *Phyllanthus cochinchinensis*



- Shrub able to grow up to 3 m tall.
- Leaves are spirally arranged on short branches, obovate to oblong-ovate in shape, measuring about 1 - 2 cm long and 0.6 - 1.3 cm wide, stipules are reddish-brown and ovate-triangular in shape, petiole measuring about 0.1 - 0.2 cm long.
- Stems are yellowish-brown to greyish-brown, young stems covered with hairs.
- Small male and female flowers on the same plant.
- Fruit is a globose capsule, measuring about 0.5 cm wide.





## Dwarf Mexican Petunia

# *Ruellia biflora*



- It is a creeping herb, up to 50 cm tall.
- Its opposite, stalked leaves have thin papery leaf blades that are ovate to lance-shaped, 1.4-4 cm long and 0.8-2 cm wide.
- Its funnel-shaped flowers are white or pink to light purple in colour,, 1.2-2 cm in diameter. The corolla lobes are ovate in shape, with rounded tips.
- Its fruits are capsules that have a slightly hairy exterior, about 1.2 cm long and ripening to brownish yellow.

Butterfly-attractive





Shorea Gibbosa

# *Shorea gibbosa*



- It is a large tree, up to 5 m in girth.
- Roots bear large buttresses.
- Its alternate, stalked leaves have papery leaf blades that are oval or egg-shaped, brown on both surfaces when dry, and 5-13 by 1.7-6 cm. Its midrib is prominent below.
- Its flowering shoots are up to 10 cm long, and bear up to 6 white-red flowers that are about 1.1 cm wide. The stamens have somewhat swollen (gibbous) filaments, which gives it its scientific name.
- Its green-red-brown fruit consists of a nut that is 1.8 by 1.2 cm, with 3 longer wings that are 9 by 2 cm and 2 shorter wings that are 6 by 0.5 cm.





Trumpet Tree

# *Tabebuia rosea*



- Deciduous tree, medium to big. Leaves oppositely arranged, palmately compound with 5 leaflets on each stalk. Leaflets 5 - 22 cm by 2 - 11 cm, oblong to elliptic in shape, ends pointed.
- Flowers are trumpet - shaped, 5 - 8 cm long, large and showy, 5 - petaled. Flowering induced by dry spell, in April and August in Singapore. Blooms last several days then wilt.
- Fruits split when matured, halves fall away and seeds attached to central wall.
- Seeds have winged features, dispersed by wind. Planted along road sides or in parks.
- Provide shade. Flowers are spectacular, form a pink carpet on the ground around the tree when it falls. Propagated by seeds or cuttings.

Wind Dispersal





Cat-tail Plant

# *Typha angustifolia*



- A perennial herbaceous marsh plant with an underground creeping rhizome, *T. angustifolia* can be found throughout the northern hemisphere, including Singapore and Malaysia, both wild and cultivated.
- Flowering stems stand at 1.5-2 m tall, bearing cylindrical terminal spike inflorescences that are 25-50 cm long.
- Fruits are about 5-8 mm long, with bristly white hairs arising from the middle, which aid in the dispersal of the fruits by wind.
- Uses: Several parts of the plant are edible when gathered at the right stage.

Water Plant

