



2019 Calendar



**EXCLUSIVE
PLANTS
OF
WAGHAI
BOTANICAL
GARDEN**



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Waghai Botanical Garden (WBG)

Waghai Botanical Garden was established by the Forest department in 1966. Waghai Botanical Garden is thankful to Retd. Prof. B. G. Vashi Botanist, Botanical Garden, Waghai (Dangs) (1973-1980) for giving his valueable inputs, Late Mr. J. V. Aras (IFS) ACF Botanical Garden Waghai during (1973-1978) without his hard work and pain taking knees Garden would not be able to stand upon. We would like to thank Late Mr. Gangaram who has taken care about all the plant species which were laid in the garden during that period. Our thanks are due to Late Mr V. P. Gosavi, Forester of the Garden during (1971-1979) the real artist and sculpturist of the garden.

WBG is situated near about 2 Km from Waghai on Waghai-Saputara Road in Dangs District, Gujarat. It is largest garden in Gujarat spreads over an area of 24 Hectares. Waghai Botanical Garden has a systematic network of roads with a stretch of 7 Km in length. The climate detail of WBG includes, average rainfall between 1600 mm to 2000 mm; average minimum temperature is of 10 °C (December, January) and maximum temperatures goes up to 45 °C (June, July) has been recorded.

Waghai Botanical Garden Team

Shri M. J. Parmar, IFS
CCF, Valsad Circle, Valsad

Shri D. B. Trivedi, GFS
DCF, South Dang Forest Div., Ahwa

Shri Dinesh Rabari, GFS
ACF / Superintendent, Waghai Botanical Garden,
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Shri Kiran Patel
Forester,
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Shri Rahul Karmata
Beat Guard,
Waghai Botanical Garden

Ms. Geeta Gohel
Beat Guard,
Waghai Botanical Garden

South Indian Uvaria

January 2019



Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5
6 ●	7	8	9	10	11	12
13	14 ●	15	16	17	18	19
20	21 ○	22	23	24	25	26
27	28 ●	29	30	31		

Uvaria littoralis (Blume) Blume [Annonaceae]

Common name : South-Indian Uvaria

Local name : Uvaria

Plant Growth Form : Climber, Vine & Liana, Shrub (Woody)

Distribution : South east Asia.

Uses : Leaves, stem and barks is very good source of essential oils. The stems can be used like rope.

Fl. – Fr. : November – February

Uvaria littoralis (Blume) Blume

Shoebuttan Ardisia, Duck's eye

February 2019



Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4	5 ●	6	7	8	9
10	11	12	13 ●	14	15	16
17	18	19 ○	20	21	22	23
24	25	26 ●	27	28		

***Ardisia solanacea* (Poir.) Roxb. [Primulaceae]**

Common name : Shoebuttan Ardisia, Duck's eye

Local name : Bugdi, Dikna

Plant Growth Form : Shrub

Distribution : East Asia

Uses : The juice of the root is used to relieve indigestion; plant possesses stimulant and carminative properties.

Roots are febrifuge; used in diarrhea and rheumatism.

Root-bark boiled water is used to wash sores and paste of root bark is applied to heal sores.

Fl. – Fr. : March – January

Ardisia solanacea (Poir.) Roxb.

Duabanga



Duabanga grandiflora (DC.) Walp.

March 2019

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

***Duabanga grandiflora* (DC.) Walp. [Lythraceae]**

Common name : Duabanga

Local name : Duvalbangal

Plant Growth Form : Tree

Distribution : East Asia - southern China, India, Myanmar, Malaysia, Laos, Thailand, Cambodia, Vietnam

Uses : Actively used for skin cells such as skin whitening, anti-aging and anti-inflammation. Fruit's very acidic in nature, it can be made into a refreshing drink, and it is boiled used as a vegetable. It is having antiviral and virucidal activities.

Fl. – Fr. : March – January

Halund

April
2019



Vigna vexillata (L.) A.Rich.

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5 ●	6
7 ●	8	9	10	11	12	13 ●
14	15	16	17	18	19 ○	20
21	22	23	24	25	26	27 ●
28	29	30				

Vigna vexillata (L.) A. Rich. [Fabaceae]

Common name : Zombi pea, Wild cowpea, Wild mung

Local name : Halund

Plant Growth Form : Twiner

Distribution : Eastern and north-eastern India, Australia.

Uses : The whole plant is used in Ayurvedic medicine. Mudgaparni's initial action is important for the formation of the first tissue that sustains the other tissues. It is effective for joint disorders, arthritis, swellings in joints. As a hemostatic it checks hemorrhaging thus prolongs life in individuals suffering from internal bleeding while building their strength with its nutritive action.

Fl. – Fr. : September - October

Ironwood Tree

May 2019



Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
5 ●	6	7	8	9	10	11
12 ●	13	14	15	16	17	18
19 ○	20	21	22	23	24	25
26 ●	27	28	29	30	31	

***Memecylon umbellatum* Burm. f. [Melastomataceae]**

Common name : Delek air tree, Ironwood tree

Local name : Kaya

Plant Growth Form : Tree

Distribution : India, Sri Lanka

Uses : The leaves are astringent. They are used internally in the treatment of gonorrhoea and leucorrhoea it also make a cooling astringent wash and a lotion for treating conjunctivitis.

Fl. – Fr. : March – April

Memecylon umbellatum Burm. f.

Sal

June
2019

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3 ●	4	5	6	7	8
9	10 ●	11	12	13	14	15
16	17 ○	18	19	20	21	22
23	24	25 ●	26	27	28	29
30						

***Shorea robusta* Gaertn [Dipterocarpaceae]**

Common name : Sal

Local name : Sal

Plant Growth Form : Tree

Distribution : E. Asia - Indian subcontinent to south-western China

Uses : Leaf juice is used in the treatment of dysentery. Oil from the seed is used to treat skin diseases.

Fl. – Fr. : March-April

Shorea robusta Gaertn.

Water Snowflake

July 2019

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3 ●	4	5	6
7	8	9 ●	10	11	12	13
14	15	16	17 ○	18	19	20
21	22	23	24	25 ●	26	27
28	29	30	31			

***Nymphioides indica* (L.) Kuntze**

Common name : Water Snowflake

Local name : Kumudini

Plant Growth Form : perennial water plant

Distribution : tropics

Uses : Young leaves, Stem, Flower bud and fruits are cooked also they applied on wounds.

Fl. – Fr. : July- August

Nymphioides indica (L.) Kuntze

Ponga



Hopea ponga (Dennst.) Mabb.

August
2019

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1 ●	2	3
4	5	6	7 ●	8	9	10
11	12	13	14	15 ○	16	17
18	19	20	21	22	23 ●	24
25	26	27	28	29	30 ●	31

Hopea ponga (Dennst.) Mabb. [Moraceae]

Common name : Ponga

Local name : Kavshi

Plant Growth Form : Tree

Distribution : India (endemic)

Uses : Bark and seed wings having antioxidant and antibacterial activity. Wood is very good source of timber products.

Fl. – Fr. : October – March

The Indian Copal Tree



Vateria indica L.

September 2019

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6 ●	7
8	9	10	11	12	13	14 ○
15	16	17	18	19	20	21
22 ●	23	24	25	26	27	28 ●
29	30					

***Vateria indica* L. [Dipterocarpaceae]**

Common name : The Piney Varnish Tree, The Indian Copal Tree, White Dhup

Local name : Badasal

Plant Growth Form : Tree

Distribution : E. Asia - India

Uses : The resin obtained from the tree used in treating infected wounds, diarrhea, earache, intestinal worm. Oil obtained from the seeds is valued locally as an external application to relieve rheumatism.

Fl. – Fr. : March – April

Soft Bollygum

October 2019

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5 ●
6	7	8	9	10	11	12
13	14 ○	15	16	17	18	19
20	21 ●	22	23	24	25	26
27	28 ●	29	30	31		

***Litsea glutinosa* (Lour.) C.B.Rob.**

Common name : Indian Laurel

Local name : Medh

Plant Growth Form : Deciduous or evergreen small to medium-sized tree

Distribution : India

Uses : Fruits have a sweet creamy edible pulp. Seed aromatic oil used to make soap and candles.

Fl. – Fr. : May-June

***Litsea glutinosa* (Lour.) C.B.Rob.**

Laurel Bow-Wood

November 2019

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4 ●	5	6	7	8	9
10	11	12 ○	13	14	15	16
17	18	19	20 ●	21	22	23
24	25	26 ●	27	28	29	30

Sageraea laurifolia (Graham) Blatt.

Common name : Laurel Bow-Wood

Local name : Sageri

Plant Growth Form : Tree

Distribution : Endemic to western Ghats

Uses : The leaves are used as a fomentation in the treatment of rheumatism. Wood is also used for cabinet making.

Sageraea laurifolia (Graham) Blatt



Safed Shimalo



Bombax ceiba Var. Lusia L.

**December
2019**

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4 ●	5	6	7
8	9	10	11	12 ○	13	14
15	16	17	18	19 ●	20	21
22	23	24	25	26 ●	27	28
29	30	31				

Bombax ceiba L. var. lutea

Common name : White silk cotton tree

Local name : Safed Semal

Plant Growth Form : Tree

Distribution : Endemic to Western Ghats

Uses : Fibre obtained from inner bark used as cordage.

Transparent gum obtained from bark and root.

Bark used to make ropes.

Fl. – Fr. : February-April