



# 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,  
South Dang Forest Department, Ahwa - Dangs.

**Shri Kiran Patel**  
Forester,  
Waghai Botanical Garden

**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

## March 2019



*Duabanga grandiflora* (DC.) Walp.

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 gonorrhea 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*

August  
2019



*Hopea ponga* (Dennst.) Mabb.

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*

# 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

***Vateria indica* L.**

*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*

# 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



**Bombax ceiba Var. Lutea L.**