

XfrogPlants | Flowers 1 Library

Version 2.0



XfrogPlants Development

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What's New, and Usage Information for XfrogPlants Flowers 1 Library, Version 2.0

60 XFR (Xfrog) + 60 Models of one additional 3D format are included in the /Models folder.
(You may select online at xfrog.com, or from your reseller, from most popular 3D formats, such as Maya, 3ds Max, Lightwave, CINEMA 4D, OBJ, 3ds, etc. to be the additional format included on your CDROM)

NOTE - If you purchase our DVDs, they contain ALL 3D formats listed above, inside the DVD, and more!

60 TIFF+Alpha Billboard Renders are included in the /Billboards folder.
(You can map them onto single or crossed polygons, or drag and drop them directly into background images)

60 TIFF+Alpha Perspective Renders are included in the /Perspectives folder.
(You can use their object buffer to place them into background images, ideal for quick comps)

Many Leaf and Bark and Flower Textures are replaced with Higher Quality Textures.
(A year long search and collection effort has yielded much higher texture quality than earlier efforts)

Many Models were completely rebuilt for better accuracy.
(Over the past 3 years we have greatly improved our knowledge and modeling capabilities and we have rebuilt many early models, the results of many months of efforts is Version 2.0)

Each XfrogPlants Library is now available in several more popular 3D formats.
(Maya, Vue d'Esprit, RIB, have been added to a long list of available additional 3d formats)

Each XfrogPlants Library PDF was re-created and showcases the quality of Version 2.0.
(New nicer layout and now we exhibit all Models as Perspective Renders instead of one Render per Species)

Plugins are included to import XFR into Maya, 3ds max, Lightwave, and CINEMA 4D.
(You can directly import XfrogPlants models, or edits you make in Xfrog, into the above programs)

Xfrog Software, Plugins, Demos: <http://www.xfrog.com>
Xfrog User Group: <http://groups.yahoo.com/group/Xfrog/>
Xfrog User Gallery: <http://www.xfrog.com/4images/>

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Author

This XfrogPlants documentation was created in November 2004 by Orio Menoni.

01. Flamingo Lily

(*Anthurium andraeanum*)



model 1
39 centimetres
red



model 2
40 centimetres
red



model 3
46 centimetres
red

Plant **Bloom:** May to September
Origin : Colombia
Environment : tropical
Climate : warm and humid

Notes :

The Flamingo Lily blooms from May until September in it's native environment, and almost all year long in a greenhouse. It needs indirect but intense sunlight. It flowers only with high humidity. The sap of this plant may cause skin irritation.

02. Zebra Plant

(*Aphelandra squarrosa*)



model 1
52.5 centimetres
yellow flower



model 2
66 centimetres
yellow flower



model 3
62 centimetres
yellow flower

Plant **Bloom:** Spring (greenhouse)
 Origin : Brazil
 Environment: tropical
 Climate : warm, mild

Notes :

Appreciated for the big, shiny striped leaves. It rarely blooms in a home environment. It needs indirect but intense sunlight. It prefers high air humidity, and abundant watering (except in the Winter).

03. Cornflower

(*Centaurea cyanus*)



model 1
65 centimetres
blue flower



model 2
65 centimetres
purple flower



model 3
62 centimetres
blue flower

Plant **Bloom:** June-July

Origin : Southeast of Europe (Romania, Armenia, Turkey)

Environment : Caucasian mountain meadows, from 750 to 2.300 m.

Climate : temperate, cool

Notes :

Also known as Giant Knapweed or Bighead Knapweed. It has average water needs. The cornflower is a perennial mountain plant that reproduces by seeds; it needs to grow in full sunlight, on dry or moist loamy soil.

04. Oxeye Daisy

(*Chrysanthemum leucanthemum*)



model 1
29 centimetres
white flower



model 2
29 centimetres
pink flower



model 3
26 centimetres
red flower

Plant **Bloom:** Early Spring to Autumn

Origin : Europe

Environment : meadows, on any soil, dry or moist

Climate : mild, temperate, cool

Notes :

One of the many Daisy species, the Oxeye Daisy (also known as the Common Roadside Daisy) is a perennial plant that blooms every year since the second.

The heaviest blooming is in early Spring, then on until Autumn.

It is a very easy grower and competes well with grass on any soil.

Of European origin, it is now naturalized in all the US and Canada.

05. Cyclamen

(*Cyclamen persicum*)



model 1
39 centimetres
white flower



model 2
36 centimetres
red-white flower



model 3
42.6 centimetres
red flower

Plant **Bloom:** December to early May
Origin : Eastern and Southern Mediterranean

Environment : maquis, garigue, open scrubs, rocky hillsides, pines woodland, in full sunlight

Climate : warm, mild

Notes :

The Cyclamen is frost-intolerant and requires good watering during blooming, and little water in the summer. The petals are twisted and the floral faces are without lobes, so that the petals may look like if they are upside down. It grows from sea level up to 1.200 m.

06. Carnation

(*Dianthus hybridus*)



model 1
28 centimetres
yellow flower



model 2
29 centimetres
red flower



model 3
27 centimetres
yellow flower



model 4
28 centimetres
pink flower

Plant **Bloom:** Late Spring to Summer

Origin : Europe, West Asia

Environment : meadows, in full or partial sunlight, on drained soil

Climate : mild, temperate

Notes :

Also known as Rainbow Loneliness, this plant is an old fashioned perennial recently rescued from extinction. The blooms have delicately fringed petals. The variety with pink flowers closely resembles the real Carnation.

07. Meadows Cranebill

(*Geranium pratense*)



model 1
50 centimetres
purple flower

model 2
23 centimetres
purple flower

model 3
38 centimetres
purple flower

Plant **Bloom:** July to September

Origin: Europe

Environment: humid meadows, river sides, in full or partial sunlight

Climate: mild, temperate

Notes:

Also known as Hardy Geranium, the Meadows Cranebill is a hardy plant, which, once established, will self-seed freely, but may not always come true to colour. It is quite common to be found in Europe's meadows.

08. Guzmania

(*Guzmania lingulata*)



model 1
80 centimetres
green leaves,
red flowers



model 2
40 centimetres
green leaves,
red flowers



model 3
40 centimetres
green leaves,
red flowers

Plant **Bloom:** end of Winter

Origin : Tropical America

Environment : tropical, partial shade or partial sun, on moist acidic soil

Climate : warm and humid

Notes :

Guzmania needs intense but indirect sunlight, and constantly high air humidity.

It is intolerant of calcareous soils, and must not be watered with calcareous water. Although a humid environment native plant, it needs a well-drained soil.

09. Sunflower

(*Helianthus annuus*)



model 1
80 centimetres
yellow-orange flower



model 2
72 centimetres
yellow flower



model 3
70 centimetres
yellow flower

Plant **Bloom:** Summer

Origin : Southwest of USA

Environment : on meadows and grasslands, in full sunlight

Climate : warm, mild

Notes :

The Sunflower is an annual plant that blooms in the Summer. The large head produces hundreds of edible seeds and is heliotropic (it moves with the Sun, hence the name). Sunflowers are the only field crop native to North America. Cultivated by native Americans of the Southwest, the Sunflower was imported in Europe in 1510 as decorative plant, and only later cultivated for the seeds.

10. Fire Bird

(*Heliconia stricta*)



model 1
55 centimetres
red



model 2
60 centimetres
red



model 3
59 centimetres
red

Plant Bloom: End of Winter (may vary)

Origin : North of South America (Bolivia, Colombia, Ecuador, Peru, Venezuela, Costa-Rica)

Environment : tropical, in full sun or light shade, on moist drained soil

Climate : warm and humid

Notes :

Also known as Lobsters Claw, the Fire Bird needs a constantly high air humidity and a warm temperature, like all other tropical plants. The beautiful evocative shape and colours make it a favourite for house decoration.

11. Dutch Iris

(*Iris xyphium*)



model 1
32 centimetres
purple flower



model 2
30 centimetres
purple flower



model 3
30 centimetres
purple flower

Plant **Bloom:** Late Winter-Early Spring
Origin : Western Mediterranean (from Spain to Italy)
Environment : meadows, in full sunlight
Climate : warm, mild

Notes :

This Iris (called Dutch inappropriately since it is native of Spain) is a perennial plant with a small bulb that is planted in Autumn for a late Winter or early Spring blooming. A curiosity: the seeds of Iris, when toasted, can provide a coffee substitute.

12. Lily

(*Lilium hybridum*)



model 1
55 centimetres
yellow flower



model 2
50 centimetres
white flower



model 3
50 centimetres
yellow flower

Plant **Bloom:** Summer

Origin : Asia

Environment : meadows, in full but not intense sunlight, on drained soil

Climate : mild, temperate

Notes :

Lilies are amongst the most popular flowers. They grow well in a moderate sunlight and need a lot of watering during the blooming season, but the soil must be well drained to prevent water stagnation.

Lilies grow better in a mild climate (18° to 22° C).

13. Geranium

(*Pelagonium grandiflorum*)



model 1
36 centimetres
red flower



model 2
29 centimetres
red flower



model 3
32 centimetres
red flower

Plant **Bloom:** Summer

Origin : Southern Africa

Environment : meadows, on well-drained, dry soil

Climate : mild

Notes :

Geranium is one of the gardener's favourites, because it is a little demanding plant that can grow even on arid soils. Many cultivars have been produced of this very successful plant, often present on houses' balconies. Some say that the scent of geraniums can keep mosquitos away.

14. Moth Orchid

(*Phalaenopsis amabilis*)



model 1
72 centimetres
white flower



model 2
53 centimetres
white flower



model 3
70 centimetres
violet flower

Plant Bloom: all year

Origin : Southeast of Asia (Philippines)

Environment : in light shade, on a well-drained soil

Climate : warm and humid

Notes :

The Moth Orchid is one of the most popular orchids for growing in the home, because it is possible to keep it in bloom almost all year round.

It requires steady high humidity but care must be taken in not letting the roots stay in the water.

15. Creeping Cinquefoil

(*Potentilla reptans*)



model 1
23 centimetres
yellow flower

model 2
26 centimetres
yellow flower

model 3
23 centimetres
yellow flower

Plant **Bloom:** June to August

Origin : Europe

Environment : meadows, up to 1.500 m.

Climate : mild, temperate

Notes :

The Creeping Cinquefoil (also known as European Five-finger Grass) is a very common meadows herbal plant in both native Europe and the US, where it was introduced and later naturalized. This plant has medical uses as mouthwash and against diarrhoea.

16. Satsuki Azalea

(*Rhododendron indicum*)



model 1
49 centimetres
red flower



model 2
52 centimetres
red flower



model 3
56 centimetres
red flower

Shrub/Tree, deciduous broadleaf **Bloom:** Spring to Summer

Origin : Japan

Environment : valley meadows, thickets, on moist, acidic soil

Climate : mild, temperate and humid

Notes :

This small tree or shrub grows of preference in the shade of other species, or in partial sunlight. During blooming it prefers more light. Blooming lasts longer in cool climates. The Azaleae species need the soil to be always moist and the air to be humid.

17. Rose

(*Rosa spec.*)



model 1
40 centimetres
red flower



model 2
33 centimetres
red-orange flower



model 3
33 centimetres
dark red flower



model 4
35 centimetres
red flower

Shrub/Tree, deciduous broadleaf **Bloom:** variable (Spring to Autumn)

Origin : Northern hemisphere

Environment : hills and meadows, in full sunlight

Climate : mild, temperate, cool

Notes :

Roses are surely the most popular of all flowers. Being native to all the Northern hemisphere, many natural species exists, and literally thousands of cultivars have been produced by gardeners through the centuries. Roses are easily cultivated, they are fairly frost-resistant but they need full sunlight and rich, deep, well-drained soil.

18. Bird Of Paradise

(*Strelitzia reginae*)



model 1
62 centimetres
purple-orange



model 2
59 centimetres
purple-orange



model 3
78 centimetres
purple-orange

Plant **Bloom:** all year, intermittently

Origin : Southern Africa

Environment : open places, in full sunlight

Climate : warm, mild

Notes :

This tropical long-stemmed flower is well known for it's typical bird-like appearance. It needs good watering especially during blooming. It starts blooming after 6 years of life. It is a favourite for house decoration.

19. Pansy

(*Viola wittrockiana*)



model 1
15 centimetres
purple-white flower

model 2
16 centimetres
yellow-black flower

model 3
15 centimetres
red flower

Plant Bloom: Spring

Origin : Europe

Environment : humid meadows, in full sunlight or light shade

Climate : mild, temperate

Notes :

Pansy is an annual (sometimes short-lived perennial) plant that is common on all European sunlit meadows where the soil is not too dry. It has been imported in the U.S. as ornamental plant.

20. Flaming Sword

(*Vriesea splendens*)



model 1
60 centimetres
red-yellow



model 2
58 centimetres
red



model 3
60 centimetres
yellow

Plant **Bloom:** Summer

Origin: Brazil

Environment: tropical, in partial sunlight or light shade, on consistently moist soil

Climate: warm and humid

Notes:

Flaming Sword is a perennial tropical plant that needs full but indirect sunlight, humid air, and humid soil. The leaves die after the blooming. The long-lasting, colourful blooming and the elegant leaves make them profitable as ornamentals in a house environment.

