## The Carlo Besio Bonsai Collection

Filoli is pleased to offer a collection of bonsai for sale during the 2021 Bonsai Show. Carlo Besio was a local bonsai enthusiast and artist who developed and tended a collection of nearly 100 plants. Working with the celebrated Kusamura Bonsai Kai Club, Carlo's wife Jane is offering part of the collection to sell through Filoli's Clock Tower Shop.



Each plant is listed individually and the listing includes bonsai tree type, description, and age. Please contact the Clock Tower Shop (650) 364-8300 x265 between 10am and 5pm to purchase bonsai or check availability. Prices do not include sales tax.

The practice of bonsai, originating from Japan, has evolved over centuries into a highly developed art form. Thanks to the Bay Area's mild climate, we can grow bonsai outdoors year-round. Due to our long, dry season here, they are hand-watered regularly for most of the year. To learn how to raise bonsai, all you need to know are the common techniques for planting and taking care of them, together with some general principles of style and form used in their training. The bonsai novice gains experience only with hands-on practice. The challenge is to have the willingness to learn, experiment and accept the results of these efforts. The other aspect central to bonsai is time. The growth process takes time, and there are no shortcuts. Caring for your bonsai over time creates a deep sense of satisfaction. It is said that through the study of bonsai, one will learn more than Bonsai.

For more information on bonsai care, please find resources at the back of the catalog, or go to the links:

Kusumura Bonsai Club: About Your New Tree

<a href="http://www.kusamurabonsai.org/Articles/AboutYourNewTree/index.html">http://www.kusamurabonsai.org/Articles/AboutYourNewTree/index.html</a>

Bonsai Society San Francisco Bay Area: Yearly Care Calendar http://www.bssf.org/wp-content/uploads/2006/03/BSSFYearlyCareCalendar.pdf

Tree name: Japanese Black Pine (Pinus thunbergii)

Style of Bonsai: Informal Upright "Moyogi"

Estimated Age: 50-75 years

Comments: Bonsai pot with Japanese stamp indicates higher quality pot.



Tree name: Japanese Black Pine (*Pinus thunbergii*)

Style of Bonsai: Informal Upright "Moyogi"

Estimated Age: 50 years



Tree name: Japanese Black Pine (*Pinus thunbergii*)

Style of Bonsai: Informal Upright "Moyogi"

Estimated Age: 50 years



Tree name: Japanese black pine (*Pinus thunbergii*)

Style of Bonsai: Forest "Yose-ue"

Estimated Age: 50 years

Comments: A group planting of Japanese black pine is very unusual.

Sale price (plus tax): \$450.00



Tree name: Japanese zelkova (Zelkova serrata)

Style of Bonsai: Informal Upright "Moyogi" mal Upright "Moyogi"

Estimated Age: 50-75 years



Tree name: Shimpaku Chinese juniper (Juniperus chinensis var. sargentii 'Shimpaku')

Style of Bonsai: Informal Upright "Moyogi"

Estimated Age: 35 years



Tree name: Shore or Japanese garden juniper (*Juniperus procumbens* 'Nana')

Style of Bonsai: Semi Cascade "Han-kengai"

Estimated Age: 35 - 50 years



Tree name: Shimpaku Chinese juniper (*Juniperus chinensis* var. *sargentii* 'Shimpaku')

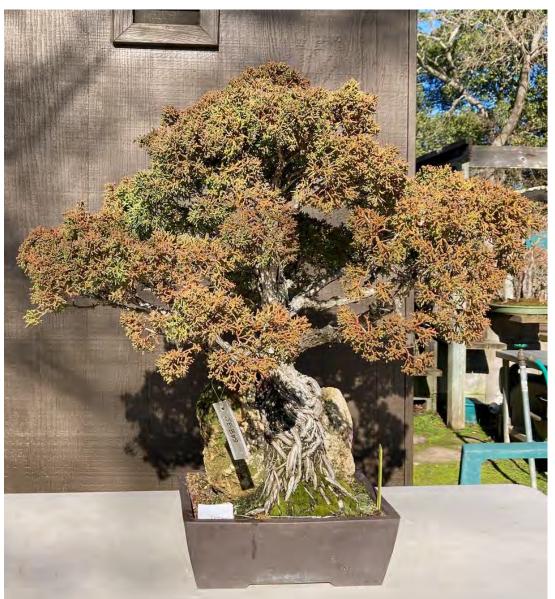
Style of Bonsai: Root-over-Rock "Seki-joju"

Estimated Age: 50-75 years

Comments: This tree has fabulous exposed roots on both sides of the rock!

The Shimpaku was originally native to Japan and was first collected in the 1850s.

This bonsai pot has a red "Japan" sticker indicating it is a good quality pot as seen in the smooth lines on the pot and in the crisp cut of the holes in the bottom of the pot.



Tree name: Shimpaku Chinese juniper (Juniperus chinensis var. sargentii 'Shimpaku')

Style of Bonsai: Informal Upright "Moyogi"

Estimated Age: 35 years

Sale price (plus tax): \$200.00



Tree name: European olive (Olea europaea)
Style of Bonsai: Informal Upright "Moyogi"

Estimated Age: Around 35 years

Comments: Bonsai pot has a Japanese stamp on the bottom indicating it is a higher quality pot.



Tree name: European olive (Olea europaea) Style of Bonsai: Formal Upright "Chokkan"

Estimated Age:

Sale price (plus tax): \$200.00



Tree name: Coast live oak (Quercus agrifolia)- California native

Style of Bonsai: Informal Upright "Moyogi"

Estimated Age: 50 years Comments: Great trunk.

Sale price (plus tax): \$150.00

Tree name: Coast live oak (Quercus agrifolia)- California native

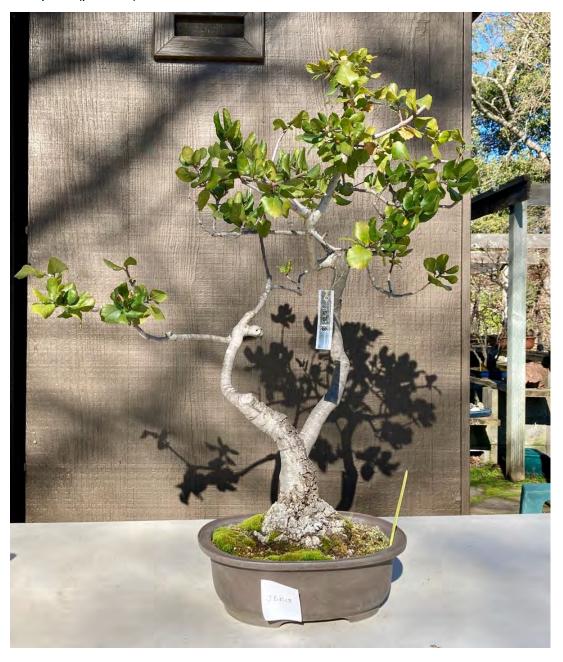
Style of Bonsai: Informal Upright "Moyogi"

Estimated Age: 50 years

Comments: Nice flared trunk. Bonsai pot has Japanese stamp and red "Japan" sticker indicating

higher quality pot.

Sale price (plus tax): \$200.00

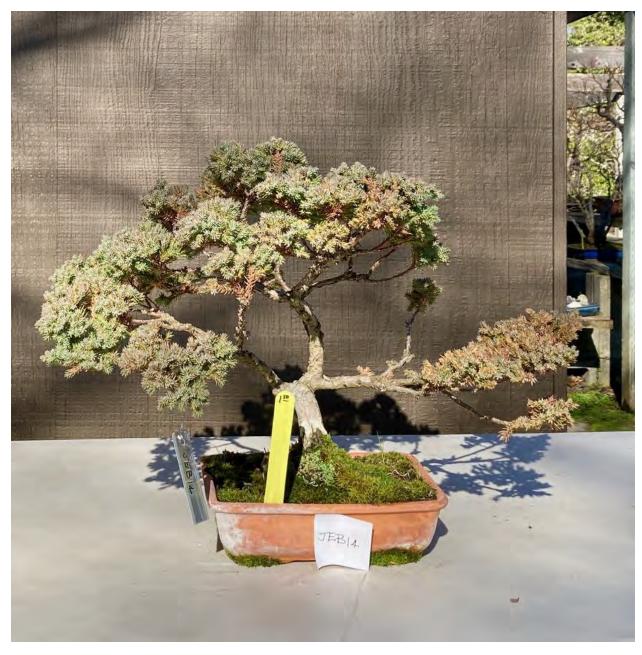


Tree name: Shore or Japanese garden juniper (*Juniperus procumbens* 'Nana')

Style of Bonsai: Informal Upright "Moyogi"

Estimated Age: 25 years

Sale price (plus tax): \$150.00



Tree name: Hinoki false cypress (Chamaecyparis obtusa)

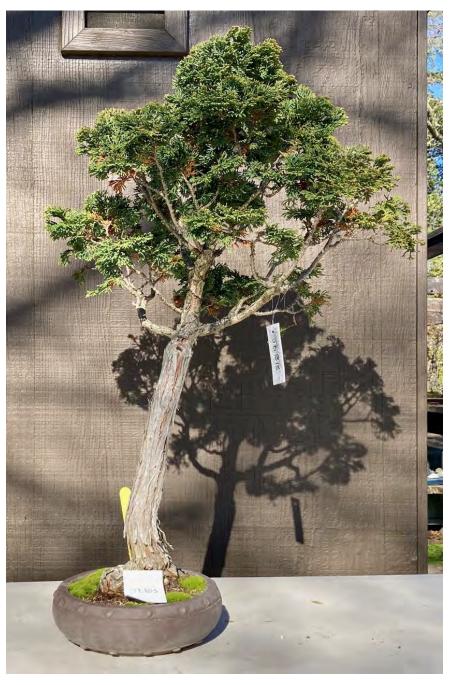
Style of Bonsai: Informal Upright "Moyogi"

Estimated Age: 35-50 years

Comments: This is a lovely "drum" pot and is highly desirable for Literati or bunjin "Bunjingi"

style bonsai trees.

Sale price (plus tax): \$300.00



Tree name: Japanese maple (Acer palmatum)

Style of Bonsai: Clump or Multiple Trunk "Kabudachi"

Estimated Age: 35-50 years



Tree name: Shimpaku Chinese juniper (*Juniperus chinensis* var. *sargentii* 'Shimpaku')

Style of Bonsai: Informal Upright "Moyogi"

Estimated Age: 35-50 years

Comments: Visually this tree reminds me of the Monterey Cypress that we see here locally.

Lovely trunk.

Sale price (plus tax): \$250.00



Tree name: Hinoki false cypress (Chamaecyparis obtusa)

Style of Bonsai: Formal Upright "Chokkan"

Estimated Age: 50-75 years

Comments: Great flare on the trunk of this tree.

Bonsai pot with Japanese stamp indicates higher quality pot.



Tree name: Shimpaku Chinese juniper (Juniperus chinensis var. sargentii 'Shimpaku')

Style of Bonsai: Informal Upright "Moyogi"

Estimated Age: 50 years

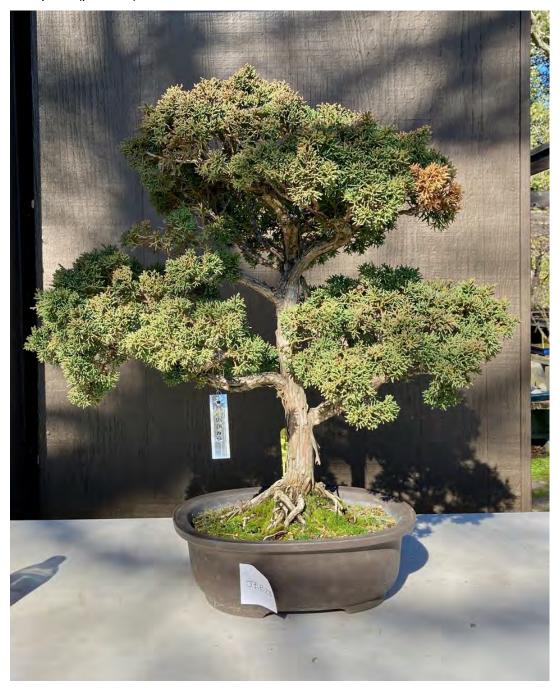


Tree name: Shimpaku Chinese juniper (Juniperus chinensis var. sargentii 'Shimpaku')

Style of Bonsai: Formal Upright "Chokkan"

Estimated Age: 50 years

Comments: Bonsai pot with red "Japan" label indicates higher quality pot.



BS (E)	Thi on Ger	s guide is me the health ar nerally, feedir	ant for referer d condition o g can be don	nce only and f the tree th e on all but	l bonsa I should not b lat you are wo just repotted i	e used as a d rking on. Ple trees, other w	efinitive set o ase consult a vork may or m	f rules, Bonsa qualified pers lay not be per	i care is ultim on before pe formed depe	nately based o erforming any ending on the	stressful prod trees conditi	cedure. ion.	
	afte	er large amou	ints of work a	e done. Da	irker shading i	ndicates bet	ter times or In	creased activ	ity.				
	Jan	Feb	Mar	Арг	May	June	July	Aug	Sep	Oct	Nov	Dec	
Black Pine (including any two needle pine; red pine delay 1 week)	finish wiring finish needle removal	Repot as candles begin to elongate		Remove some needles	-	Thin Buds Check Wire Decendle	Check Wire		nove Wire ecessary	0-10-10 Heavy Pruning and Winn Begin Needle Removal			
Maple Japanese / Trident / Natives					Feed			Fe	ed		0-10-10		
	finish wiring	Pinch buck / Remove water shoots Repot as bucks swell			Defoliate re- move petiole & Repor	Pinch Buds	Check Wire	CheckWire	Remove Wire Remove leaves	Heavy Pruning and Wiring s-leave Petiole			
Elm & Zelkova Including Horribeam, Hackberry, Willow (all alternate building trees)					Feed				Feed		0-10-10		
	finish wiring	Princh buds con		tinually Cor		intinue pinching		Light pinching			Heavy Fruning and Wiring		
		Repot as buds swell				Defoliate & Check Wire Check Wire			CheckWire	Remove Wire			
Junipers-Common (not calclarate or sterra)		Feed all year								0-30-10			
	Finish Heavy Pruning &			Repot all ye	ear-best time is S		ch and Wire all Yo		Heavy Prunin	ng and Wiring			
	Wiring						T.						
Spruce and Cedar	Loase Wiring		7		Fertilize aft	er in Itlal Spring					0-10-10		
	Leave wire on Spruce -Zyrass		Pinch 1/2 of e	merging tips		Thin out H	leavy Growth				Heavy Prunin	ng and Wining	
	Cedar - 3 years	Repot a	s buds swell										
Oaks E.Everyreene D.Deckduous	E:0-10-10	Wire	Wire		Feed		Feed			D: 0-10-10		E:0-10-10	
	Wire	Finch buds / Remove water shoots			Pinch buds			E: Cut Leaves	n half	Heavy Pruning and Wirling			
		D:Repot			Wire				E;Re	pot			
Azaleas		Fertilize with 5-5-5 Fish Emulsion every two weeks											
	White	ig (Alluminum o	1	Root Growth rge Branches-I	-	Pio ove Flowers	Summer Shoot nch to two leave	s / Terminal Bud s / two shoots				Wiring uminum anlyt	
White Pine (5 needle pines)		Feed		Increas	- l'eeding:	Peeding Romal Feeding					0-10-10		
					andle when candle Break Candles in Half						Heavy Pruning and Wining		
		Repot as buds swell Buds appear 0-15 days									Cut Needles - Leave Sheath		

	Jan	Feb	Mar	Apr	May	June	July	Aug	5ep	Oct	Nov	Dec	
Fruiting and Flowering all apple piten, ume quince, cherry, etc.		o Not Feed unt	I done blooming		Fertilize after blooming is finished					0.10-10			
	Wire before	Remove w			Pruning					Heavy pruning, reporting, wiring			
	blooming				Thin Fruit	Thin Fruit			Remove Fruit				
Beech					Feed					0-10-10			
			Pinch before leaves open as buds form crescent shape			Pinch 2nd budding	Check Wire	Cut Leaves in 1/2			g, repotting, winns (caves lint)		
Redwood			Pin	ich Buds - Feed	to promote Vigo	urous Growth, I	ight feeding for	established tre	es	0-10	)-10 or Light Fer	tilizer	
		Heavy Prunin	g and Wiring										
		Repot as go	owth begins	Keep moist	t (not wet) all yea	r; Shade toller	ant - for fast grov	vth place in full	sun, for slower n	nore compact gr	owth morning s	un only.	
Wisteria	0-10-10				Fertilize after blooming is finished					0-10-10			
	Repot as growth begins		Flow	ering		Do Not Prune after July							
					Drown Roots as v	veather gets ho	ot - soak bottom	1/2 of pot					
Olive					Feed / Pinch new growth						0-10-10		
	Rep	ot			Defoliate Leave two remove a	tip leaves				Heavy Pruning and Wiring			
Willow (weeping-style training)			Feed		Feed		Feed		Feed	0-10-10			
			Prune to Vertical Leaf		Prune to Vertical Leaf		Prune to Vertical Leaf	Prune to Vertical Leaf Check Wire		Remove Wire			
	Wire		Place pot in water							Heavy Pruning and Wirin			
Hinoke Cypress			Fierl								0-10	-10	
			Pinch back Hard			Pinch back Hard							
	Wire	Rep	oot					Check Wire			Remove Wire		
All Quince					Feed								
						Do Not Pin	ch						
	Wire	Removeflowers as they fade:							Remov	move Wire Repot Prune to shape & Wi			
	Remove Wild or Strong Grow				Feed	Feed			Feed		0-10-10		
Hornbeam	Wire			Pinch		Parti	al Defoliation				Heavy Prunin	g and Wier	
Hombeam													



(https://kusamurabonsai.org)

# KUSAMURA BONSAI CLUB

Palo Alto, California Celebrating 60 Years of Bonsai 3rd Friday of the Month (except Aug.) 7 PM to 9:30 PM

Home (https://kusamurabonsai.org) / Articles (https://kusamurabonsai.org/Articles)

/ About Your New Tree

# **About Your New Tree**

During our club's Annual Show we sell starter bonsai. Below is a copy of the owner's manual that accompanies each tree we sell. It is a short summary of the history of Bonsai and the basics of caring for your tree. For more detailed information, visit our Monthly Work Schedule page (/MonthlyWork/index.html) or our collection of articles (/Articles/index.html).

# Evergreen and Deciduous Bonsai Trees

Bonsai is the Japanese word for a miniature potted tree shaped and styled to give the illusion of a miniature version of a large, full-grown (or even ancient) tree, or group of trees. To be a good Bonsai, the illusion must also be accompanied by artistic beauty achieved primarily by shape, form, and composition, as well as by color. Thus the art of Bonsai is akin to sculpture using living material.

The major "trick" of making the miniature version of a tree, which would otherwise grow to be 20, 50, or even 100 feet tall in nature, is simply to grow it in a small well-drained pot and to prune its branches every year to prevent overgrowth and loss of a desirable shape. The horticultural problem is how to keep the tree healthy and vigorously alive in such an artificial environment year after year. The artistic problem is how to shape the tree for beauty and the miniature tree illusion and how to maintain such form and appearance once achieved.

The Bonsai tree that you have just purchased is a "starter" Bonsai, which has been carefully selected from a large quantity of commercial nursery stock to have certain desirable characteristics that will permit it to become an excellent artistic Bonsai tree. It is appealing even in its initially formed state, but after three to five years of growth and continued maintenance of its form, it will become a much better Bonsai tree. After 10 years of such growth and maintenance, it will be a remarkable specimen of the ancient art of Bonsai.

### Daily and Seasonal Care

Your Bonsai tree is an outdoor plant and must be kept out of doors in order to grow properly. It can occasionally be brought indoors for several days for viewing and enjoying, but should then be returned to its normal spot outside. (There are indoor Bonsai, but this is a specialized topic about which you can obtain further information from the Kusamura Bonsai Club.)

The location of the plant should be chosen based on the species. For Winter and Spring, your tree should be in a position to get full sun at least half the day (preferably all day). Most evergreen (trees that keep their leaves all-year long) species such as pine, spruce, and juniper can tolerate full day sun all Summer. After leaves are open and matured in the Spring, your deciduous (trees that loose their leaves in the Winter) Bonsai should be moved to a position for morning sun and afternoon shade (or mixed partial shade such as under a large tree or sun screen).

Daily care consists of checking your Bonsai for moisture content of the soil mix in the pot. Your Bonsai soil should not be allowed to become completely dried out, nor should it be kept overly wet and soggy. Its drying cycle is variable, dependent upon weather, position in your yard, and the season (dormant or in leaf). In the Winter, without rain, you will find that your soil mix begins to look dry after several days or a week since it was last watered. It should then be watered from a can with fine spray using care not to wash soil out of the pot. Sprinkle several times until water runs out of the holes in the bottom of the pot. (These holes are covered with screen mesh in your Bonsai to prevent washing out the soil mix.) It is best to water in the morning.

In hot Summer, your Bonsai tree may need daily, or at least every-other-day watering. It should be checked for watering daily, to be safe.

#### Fertilizer

The soil mix in your Bonsai pot has been prepared by the Kusamura Bonsai Club using several ingredients mixed in proper proportions chosen for your particular species. This is done to provide the correct amount of moisture drainage and retention, air circulation, etc. for your species in the type of pot used. This mix contains no actual soil itself so that fertilizer must be used -- but in a controlled manner.

The Kusamura Bonsai Club recommends using liquid fertilizer such as fish emulsion or Miracle Grow, at half strength once a month on your Bonsai. The best method is to set the Bonsai in a pan of the half-strength liquid fertilizer-water mixture with the liquid level slightly below the rim of the pot for about 10 minutes. Alternately, simply sprinkle the liquid fertilizer from the watering can onto the soil of the Bonsai, as in regular watering.

During the transition months of Spring and Fall, the watering cycle obviously will be found to gradually change. After your evergreen Bonsai ceases growing or your deciduous Bonsai drops its leaves in the Fall, no more fertilizing is required until Spring after new needles or leaves have sprouted and become fully established.

# Branch, Needle, and Leaf Pruning

Your Bonsai has been carefully wired, shaped, and pruned (and root pruned during repotting) so as to have an appropriate Bonsai form.

During Spring and Summer, evergreen Bonsai require occasional pinching back of new needle clusters or candles to maintain this shape and to cause the tight clusters of foliage that enhance the appearance of a Bonsai tree. The pinching technique differs for pines, for which new candles are broken once in Spring. For deciduous trees, occasional trimming and pruning of growing branch tips and leaf stalks is necessary to maintain this shape. Each new leaf sprout should be allowed to have two or three sets of leaves before pruning back to a single leaf pair, using scissors or sharp pruning cutters. For both evergreen and deciduous trees, this also forces new buds to form closer to the trunk for a tighter, more desirable branch and twig structure. Development of such a tight twig structure over the years enhances the miniature tree illusion.

### Root Pruning and Repotting

Your Bonsai tree should be repotted in one, two, or three years. This is done to prevent clogging of the pot with excessive roots that restrict water drainage and air circulation. Furthermore, root pruning done during repotting causes faster development of the twiggy branch structure desirable for the tree-like appearance of your Bonsai. Old soil mix is thrown out and the tree is repotted into the same pot (or a slightly smaller one for better artistic balance) with a new soil mix.

It is repotting and root pruning that renews root tips, keeping them young, which enables the Bonsai tree to live in a healthy state for decades in the pot. This procedure is not complicated but requires some instruction - how much to prune the roots, type of new soil mix, prevention of shock, post-repotting care, etc. We recommend that you come to a Kusamura Bonsai Club meeting as our guest for further information and demonstrations.

### Branch Wiring and Shaping

Most Bonsai have trunk and branches wrapped with wire when they are first formed. This permits bending of trunk and branches to achieve an artistic shape and form, without cracking of branches or damage to the tree. Your Kusamura Bonsai tree may have one or several such wires.

These wires cannot be left on the tree indefinitely because the growing tree bark will eventually begin to grow around the wires. If the wire is removed too late, "wire marks" appear in the bark, which may be unsightly. The time to remove wires, by carefully uncoiling or snipping with wire cutters, is after a number of months so that the branch shape is "set" as much as possible, but before "wire marks" are formed. The number of months is not accurately predictable because it depends on tree growth, which is in turn dependent on species, weather, sun, fertilization,

watering, etc. Thus one should look closely at wire and bark once a month to choose the proper time for wire removal. For most slower-growing evergreen trees, such as pines, spruce, juniper, you will find that Spring wire removal is usually indicated in three to five months after new needles are out. For faster-growing deciduous trees, such as maple, elms, etc., you will find that Spring wire removal is usually indicated in two to four months after leaves are out. Wires applied in the Fall or Winter to Bonsai may not need removing until late Spring or mid-Summer.

The wiring cycle may need to be repeated several times before the form is set into the tree. Then wiring can cease.

We invite you to bring your Bonsai to the Kusamura Bonsai Club for instruction in wire inspection, removal, and rewiring, since certain non- obvious techniques make the task easier and nondamaging to the tree.

# Bonsai Age

The illusion of age is generally desirable to Bonsai. This can be achieved without great actual age that, though interesting, is not of major importance to achieving the fine Bonsai.

The illusion of a mature older tree is achieved after several years by complex twigging of branches, thickening of base of main trunk and mature texture of trunk bark. The characteristics improve over the years and are enhanced by proper daily and seasonal care described in the proceeding paragraphs.

The actual age of your starter Bonsai can be estimated for you by members of the Kusamura Bonsai Club. It is probably somewhere between three and five years.

Bonsai can, and often do, achieve great age. Kusamura club members have many Bonsai they have raised for 20 years or longer. Bonsai collected from the Sierra mountains or high deserts of the western United States are often 50, 100, or 300 years old and can be kept alive and healthy as Bonsai for many more decades and even hundreds of years. A large number of privately owned Bonsai of Japan have been alive in the pot for over one hundred years and many for several hundred years. Several Bonsai owned by royalty are known to exceed 300 years in age.

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We meet on the 3rd Friday of the Month at St Mark's Episcopal Church, 600 Colorado Avenue, Palo Alto, CA 94306 (Location) (/ClubInfo/Location.html)

Kusamura Bonsai Club is affiliated with the Golden State Bonsai Federation (https://www.gsbfbonsai.org/)