

**Landscaping, natural
pool and native
amphibian
conservation**

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Gardener since 6 years

Forestry engineer

Self-taught landscaper

Objetivos

Share experience

**About landscaping, natural pool and
conservation possibilities**

**I started landscaping on 1999 in central
Chile**

Climate is mediterranean

Summers are long, dry and hot

**Average rainfall is between 300-700
mm**





Understanding soil, climate and customer needs was the first step

Including all these parameters and principles in the garden design was the second step, learning that good landscaping never try to change what the place really is

Use the power of nature instead trying to control her

Natural landscapes

Source of Inspiration







Plant communities







**Central chile, gray foliage,
Round shape architectural plants
Stone everywhere, defining the
landscape**



Chilean wild flowers

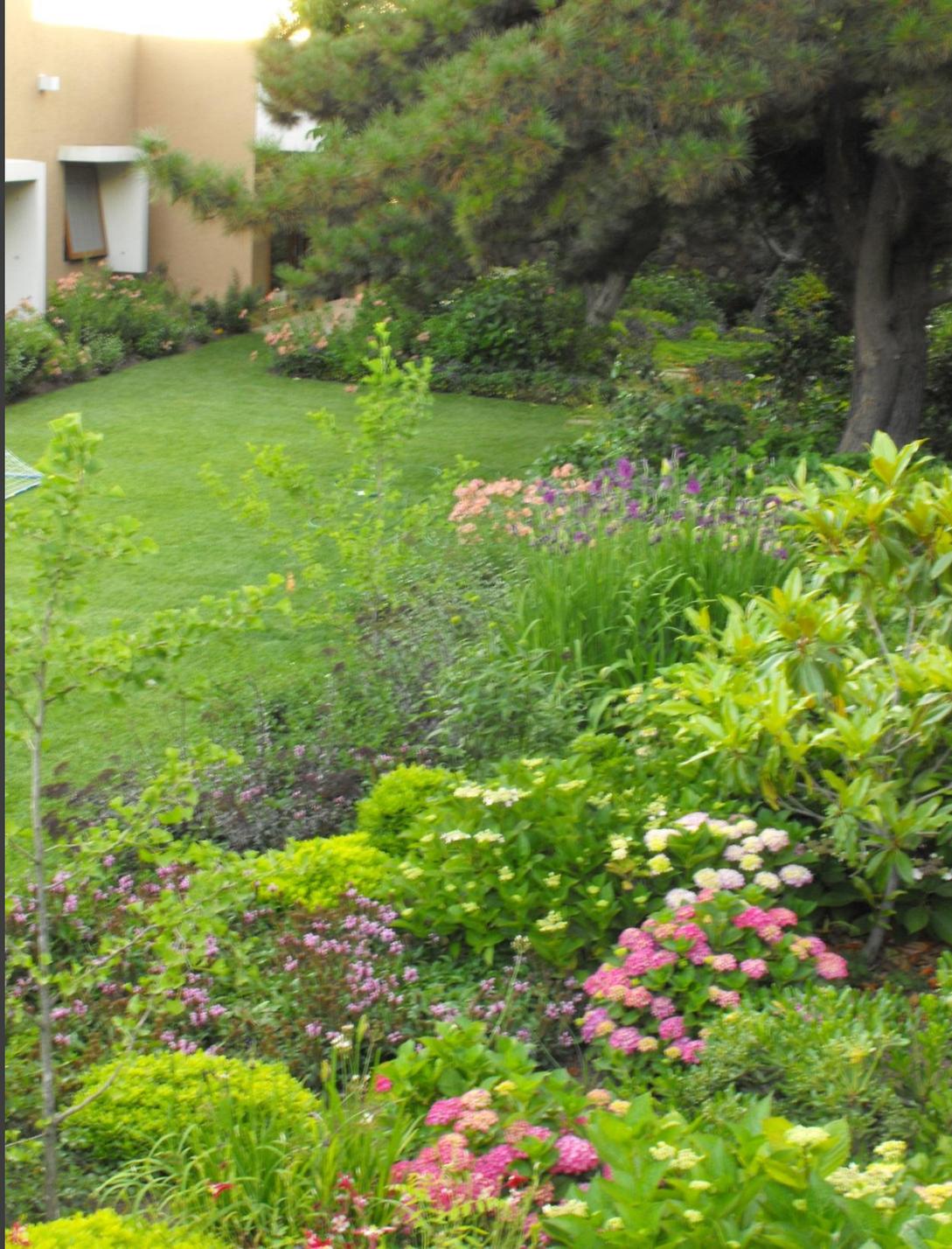
They taught me how to use the color



**I named my garden style
“Jardín natural”, where color,
texture and flowers were used
in an informal way**











The spirit of the natural landscape
As an inspiration to create what I call
“the essence of the garden”

















Then, after ten years designing and building gardens, I realized that a garden is a lot more than just “a plant arrangement” and hardscape design.

A very rare bird visiting my garden made me understand, the very strong relationship between plant communities and wildlife

A big opportunity then was clear to me



**“Pidén” a
chilean bird,
nesting near
my natural
pool**

The question was:

¿ Can a garden not being just a nice plant collection, but also a big opportunity for in situ conservation?

“Ecosistemico landscape” then started

Providing food for insects





An habitat
for
endangered animals



Soil conservation





Native plant
conservation

A great opportunity in public areas



Low maintenance



The new target was:
Transforming a garden
In a rich ecosystem

**Biodiversity
Means food
And places for
Nesting
And refuge**























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Landscaping and conservation at the same time











**And what was at the very first, an experiment,
not knowing that in Europe natural pools were
common,**

became my first natural pool.

**Including unpolluted and with no chemical water
in the garden**

The “ecosystem” garden was then ready!!!





**All the elements were now to
transform a garden in a rich
ecosystem**

Natural pools

With no technology
Just pvc liner, wood,
gravel, plants and a
pumping system





**Self-taught
Pool designer
and builder**























Crystal clear water,

No chemical

**Why not using the pool
for conservation**

A new opportunity

For all our amphibians

**Most of them on the
verge of extinction**

Habitat loss

Pollution

Hunting

**Introduction of exotic
predator**

Chilean frog





4 eyes chilean toad





**The first generation of
frogs and toads were
born in 2011!!!**



**Not just in private pool,
burt also in company's
pool too!**



Synthon



**Landscaping offers us a big
opportunity for plant and animal
conservation**

**Natural pools can be part of this
too!**

**Recreated landscape can be a
way to recover many of our
endangered amphibians**

**A lot of scientific research has to
be done**

**But I'm very proud as a gardener
and landscaper, to encourage
my customers thinking and
understanding their garden as a
rich and complex ecosystem**

Thank you very much