



On Tricker's Pond™

William Tricker, Inc.®

America's Oldest Water Garden est 1892

Listed in the National Registry of Historic Places, U.S. Department of the Interior, National Park Service

www.Tricker.com

Spring 2004 Water Garden Newsletter

Welcome to
William Tricker, Inc.®
"On Tricker's Pond Newsletter"



William Tricker
Founder of William
Tricker, Inc.®

Welcome to "On Tricker's Pond" Newsletter. The season is rapidly coming upon us and we look forward to serving you this year. We at Tricker's thank you for your orders and continued support in our products.



The William Tricker company has a proud history. In the early 1890s an individual by the name of William Tricker (1852-1916) began to hybridize water lilies in the United States. He is known as the originator of commercial water lily culture in the United States and founder of the current William Tricker, Inc.®. He tried to improve the shape, hardness and colors of water lilies and succeeded in producing some of the finest in existence today. William Tricker established an aquatic company and continued to develop the finest of water lilies and aquatic plants today. In 1927 the company was formally incorporated in Ohio and proudly retained his historic name, William Tricker, Inc.®. We hope that you were able to grow some of the fine Tricker varieties last year. Another year is rapidly approaching and again you have the opportunity to witness the beauty in your own water garden pool.



William Tricker, Inc. is proudly listed in the National Register of Historic Places, U.S. Department of the Interior, National Park Service.

Copyright© 2005 by William Tricker, Inc.® All rights reserved. No part of this newsletter may be reproduced in any form or by any means without the written consent from William Tricker, Inc.®

*How calm, how beautiful and how cool-
How like a sister of the skies,
Appears the broad, transparent pool,
That in this quiet forest lies*

-Victor Hugo (1802-1885)

Problems with GREEN water?

Some water gardeners have problems with GREEN water and want to get rid of it. There are many ways to clear the water. Since the green water is caused by algae it must be the target of many remedies.

1. **Aquatic Plants.** Make sure your water garden pool has aquatic plants of variety. Select the aquatic plants that will naturally prevent the sunlight from reaching the water and turning it green such as water lilies. Also, the floating and oxygenating plants will absorb nutrients in the water faster than the algae, thus starving the algae. Once your pond is "balanced" the algae should not prosper.

2. **Bacterial Action:** Use any of the biological controls such as Ultraclear, Sludge Digester, or Ultra Clear SST. These products simply have beneficial bacteria that compete with the algae. This is a truly natural way to make your pond healthy and to reach a "balanced pond". It is best to use in the early spring when algae will begin.

3. **Clear Water Products:** Barley Straw, Phos-X, Pond Peat, or Pond Colorant all work in your pond to keep the pond clear. **Barley Straw** is a natural remedy and the English have been using it for years to treat green water. **Phos-X** is a product that is placed in your pond and absorbs the harmful nitrates, nitrites and phosphates that promote green water. **Pond Peat** is another additive that the English water gardeners have been using successfully for decades. The peat is excellent in producing an amber color that in turn reduces sunlight that feeds algae. It also, has a great tonic effect for fish. **Pond Colorant** has an organic base that tints the water a pleasing blue that will absorb sunlight and reduce algae growth.

4. **UV Sterilizers.** The UV sterilizer will definitely get rid of GREEN water in your pond. They are simple to run in your water garden pool. They consist of an electrical device that has a UV light inside. A water pump will pass the water through tubing into this device and return the water to your pond. As the water passes through the UV sterilizer it will not only kill algae but also harmful bacteria and protozoans.

4. **Chemicals.** Chemicals are always used as a last resort, however larger ponds or lakes often have to resort to chemicals to stabilize the ponds. Tricker's offers a product known as **Citrine-Plus** that has an ingredient that has been used for decades to control algae.

Do you have the site and sound of moving water in YOUR water garden pool?



Recycle your water!

Circa: 1926

Three water gardens shown in the photograph. As written in 1926: "The silvery tinkle of falling water makes this rock and water garden vocal with the sound of coolness on hot summer days. The series of tiny falls is fed from the overflow of the fountain in the background."

Many of our customers often want to expand the size of their current water garden pool. Instead of making the pool larger, some choose to make a second or third water garden pool connected with waterfalls. These connected water gardens will capture the sound and beauty as described for the 1926 photograph. The addition of a fountain at an upper pond with overflowing water cascading by gravity into another water garden pool can be easily accomplished.

1. Make a second pool located at a level lower or higher than the original pool.

2. If a waterfall or path of water is selected to bridge the two pools together, a lining material is recommended to back the waterfall to prevent spillage.

3. Place an appropriate pump (gph desired) in the lowest pool with tubing to the highest pool. Attach the tubing to a fountain feature in the upper pool or just place the tubing into the pool. This will allow the water to be pumped to the upper pond and gravity will return the water to the lowest point. The water is recycled!

Tub Gardens: Everyone can Enjoy!



Tub gardens have been a wonderful way to enjoy water gardening for decades!

1. What type of water lilies are recommended for the tub garden?

Answer: The "pygmy water lilies" are recommended for the tub garden. However, many of Tricker customers have grown the larger varieties and enjoy the lush growth of the pads.

2. Are there any other aquatic plants that resemble water lilies that can be used in the tub garden?

Answer: Yes, the "water snowflakes" have been used by many experienced tub gardeners for decades. They have delicate pads with wonderful flowers.



Water Snowflakes in a tub garden circa 1900

3. Can a whiskey barrel be used to make a tub garden?

Answer: Whiskey barrels can be used however they do have several negative side effects. If the barrel is drained for the winter, the boards can shrink and fall apart. Also, there can be toxic substances left in the barrel that can harm aquatic life. This is why Tricker's offers our tub garden containers with excellent weathering properties such as the tongue and groove cedar and ultraviolet resistant polyethylene.



4. Can the tub garden be sunk into the ground?

Answer: Yes, and this method has been used for decades. The tub is sunk approximately 2/3 of the way with the lip above ground.

Aquatic Plant Column

Water Snowflakes

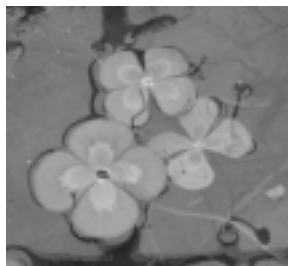


One of the most fascinating aquatic plants are the group called **snowflakes**. Tricker's has a fine selection to choose from. The group has both hardy and tropical varieties. They add a delicate beauty and charm to the water garden pool or tub garden. They appear as miniature water lilies on the surface of the pool.

Although the name may imply a plant that enjoys a blustery cold winter's day, the truth is just the opposite. They love warm water and sunshine. The name "snowflake" describes the delicate flowers that really looks like a snowflake. The flower of the plant has six to seven feathery petals and is the size of a quarter. They have small delicate pads that float on the water. The Giant Water Snowflake, however, has larger pads.

The plant grows quickly by sending out new plantlets throughout the summer and are very quick to bloom. It is not before long a section of snowflakes becomes an attractive display in the water garden pool.

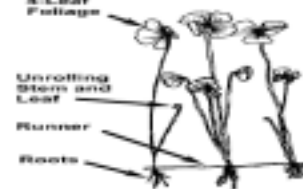
The Variegated Water Clover: An Amphibious Fern!



This hardy variegated clover is very attractive in the water garden pool. The leaves merely float and grow on top of the water's surface. Since it is classified as an amphibious fern, it is most interesting to watch each new leaf unroll similar to the land fern. Each stem has four triangular leaves, so the luck will just keep on coming! In crowded conditions the leaves will become aerial, again adding to the very unusual appearance in the water garden.

The four leaf water clover is very easy to grow.

The leaves are deep green and symmetrically variegated. The four leaves will flatten out on the surface of the water and reveals a most pleasing appearance.

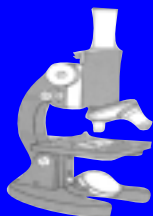


New Pickerel Rush



New Pickerel Rush, color photo page 34 catalog

The **New Pickerel Plant** is one of the most attractive plants for the bog garden. The plant is from British Guiana and related to the North American species of Pickerel Rush, **but far more outstanding**. It has heart shaped leaves that are dark and waxy green. There are two shades of blue flowers on each plant, whereas the native Pickerel rush has only one. The plant will produce flowers profusely all summer long! It grows rapidly and spreads quickly producing new plants with flowers. Often, during the growing season, the plant produces so many plants with flowers that it may be necessary to transplant to another container. Grow one this year and we are sure you will enjoy this wonderful plant!!

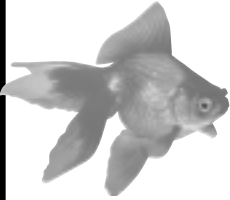


Mosquito Dunks: After the introduction of mosquito dunks by Tricker's years ago, they have been proven to be very effective against the breeding of mosquitoes in water gardens. They do not harm the *Daphnia* or other living life in the pool. The dunks contain a safe bacteria known as *Bacillus thuringiensis* subspecies *israelensis* or **BTI**. Not only are these dunks recommended for your water garden pool but any standing water in your yard.

Duckweed: Fish Love it!

Don't be fooled by the "weed" in the name duckweed. A weed is defined as a plant that is of no use to man, but soon as it is discovered that it possesses merit, it ceases to be a weed.

Fish LOVE duckweed!



Tricker's has made merit of this tiny plant and fish sure do not consider this a weed.

Duckweed is a little plant that floats on top of the water. The entire duckweed plant consists of three or four tiny leaves that are fastened together at the edges. The duckweed is one of the smallest of true flowering plants. The flowers are so small that you need a microscope to view them.

By far the duckweed is the easiest to grow of all aquatic plants. Any small amount of water such as a small basin of water placed outside is a suitable home for the duckweed.

Being a floating plant, it is easily persuaded by water movement as to where it resides. Wherever the duckweed floats it will always appear so content that you would think that it purposely chose that exact spot to go to.

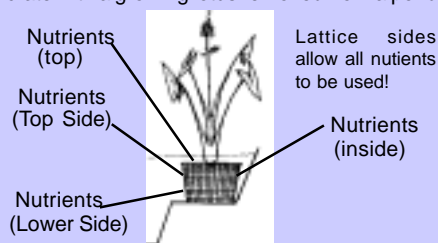
It is an excellent plant to use as a cover for algae problems. The fast growth of this plant allows for a quick and easy way to add green plant growth to your pool.

Tricker's recommends that all of your fish be fed duckweed. It is a natural tonic for the fish. It truly enhances their color. Once you begin to feed your fish you will witness the true benefits from a living food such as duckweed.

Aquatic Planting Crates:

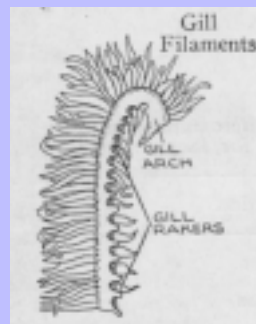
What advantage do Crates have over solid sided tubs?

The use of the mesh or lattice sided crates are very important for the water gardener. Water lilies and aquatics are not planted deeply into the soil. When the aquatic plant grows it will typically put out shallow roots in the soil. As the plant grows within a container not only will roots develop along the top of the soil but also along the inside of the container. If the container has lattice sides the roots will be able to derive nourishment from the water. The lattice sides gives the aquatic plant a growing dimension that cannot be found in a solid sided tub. Thus, it is highly recommended to use lattice sided crates for planting. See page 27 of Tricker's 2004 catalog of a photograph of a crate with a growing lotus removed from a pond!



Lattice sided crates will allow the nutrients in the water to be accessed by the root system of the aquatic plant.

Should I add "SALT" to the Water Garden Pool?



Gills of a FISH

Absolutely! Salt, especially prepared for water garden pools such as **Tricker's Turk's Island Sea Salt**, is one of the best known preventative for fish diseases if added routinely into the water garden pool. "Electrolytes" found in this salt (sodium, chloride, magnesium, etc.) are removed from the water through gills of the fish. These electrolytes help maintain fluid balance within the fish and function within the gills of the fish in association with the uptake of oxygen and release of ammonia and carbon dioxide in the water. "Table salt" should not be used since it contains special additives that prevents caking which may be injurious to the fish.

New and Amazing Water Lily

Amazon Water Lily

Were you able to grow Tricker's new introduction *Amzonum* in 2003? Those that did had discovered the very unusual blooming cycle of this most amazing water lily. It is hard to imagine why this lily blooms when it does during the 24 hour day. It sort of defies explanations of how the night blooming water lilies and day blooming water lilies open and close. If you have not grown this one, try it, you will be amazed!



Tricker Exclusive

Save a Tree-grow Papyrus!



Papyrus: Easy to GROW and adds a most beautiful of site in any water garden pool.



The above is a reproduction of an oil rubbing on cotton from the tomb of Tutankhamen. Shown are Isis, Horus, Osiris and Thot. Note the "papyrus" rolls that are hung in the background with Egyptian writings. You can make the actual papyrus paper using the procedure is in the book *Tricker's 1101 Water Gardening Questions and Answers*.

The papyrus (*Cyperus papyrus*) is the famous "Egyptian Paper Plant" that was used to make the first writing paper for the world. The plant covers acres of land along the banks of the Nile River. The ancient Egyptian name of this plant was "biblos" which, for obvious reasons, was adopted by the Greeks to signify "book" and is retained by Christians in the name of the bible. Tricker's book *1101 Water Gardening Questions and Answers* has the method used by the Egyptians to make papyrus.

Besides using the papyrus for making paper, the stems were used to construct Egyptian rafts, especially since the papyrus was thought to be abhorred by the crocodiles. Thus, when Moses needed a cradle to float down the Nile River, the best material to use would be the papyrus.

In addition, it has been reported that the root was eaten, which has a taste of potatoes and has been used as a substitute for coffee.

The papyrus is a plant that has adorned water gardens for decades. In 1897 William Tricker said that the papyrus is "indispensable" in the water garden pool. Anyone that has grown the papyrus in their water garden will agree. It adds a wonderful sight in the water garden and can grow to eight feet. A gentle breeze makes it a most pleasing sight.

Tricker's also offers a smaller variety of papyrus called the dwarf papyrus which is very similar to the larger variety but grows to about two feet.

On Tricker's Pond Mail Order Specials

The following specials are used in conjunction with the 2005 William Tricker Catalog which will be mailed the beginning of February. All coupon specials expire May 1, 2005, unless stated otherwise. So **Order Early**. Attach the appropriate coupons to your Tricker order blank if ordering by mail. Internet customers mention this discount in the comments section. When placing your order by telephone state that you are ordering from the **On Tricker's Pond Specials** list. You will be required to give the sale detail on each coupon and your customer number on the label. Shipping and Handling charges will be added to the invoice, unless stated on invoice.




Dwarf Papyrus
A wonderful plant that adds a special beauty to any water garden pool!
\$1.00 OFF
Page 31: Tricker's Catalog
William Tricker, Inc. 1-800-524-3492
Coupon expires May 1, 2004



New Pickerel Rush
Grow a New Pickerel Rush and witness the profuse beautiful blooms! Page 34 Tricker's Catalog
\$3.00 OFF
William Tricker, Inc. 1-800-524-3492
Coupon Expires May 1, 2004



Water Snowflakes
wonderful plant that adds delicate flowers to any water garden pool. Page 35 Tricker Catalog
\$1.00 OFF
Coupon expires May 1, 2004



Ultra Clear™
The "Good Bacteria", purifies the water, restores clarity, and removes organic matter. Add routinely to your water garden.
Sludge Digester
Put that special blend of professional strength of "good" bacteria to work on your sludge.
Ultra Clear and Sludge Digester are compatible.
\$1.00 OFF
each
William Tricker, Inc. 1-800-524-3492
Coupon Expires May 1, 2004
Page 60 in Tricker's Catalog



4-Leaf Water Clover
An easy to grow variegated aquatic plant!
1.00 OFF
Page 31 Tricker's Catalog
William Tricker, Inc. 1-800-524-3492
Coupon Expires May 1, 2004



William Tricker, Inc.®

7125 Tanglewood Drive
Independence, Ohio 44131
(216) 524-3491

Bulk Rate
U.S. Postage
PAID
Cleveland, OH
Permit No. 401



Please Deliver to Current Resident