



Figure 37 Rabbit guards



Figure 38



Figure 39 *D. maroochi*



Figure 40 *Ph. nigra*



Figure 41 'Fatso' African Giant Tortoise



Figure 42 *B. dolichoclada* "Inverse"



Figure 43 *B. edulis*



Figure 44



Figure 45 *D. latifolia* 'Mei Nung'



Figure 46 Trialing *B. textilis* clones



Figure 47



Figure 48 *G. macrovaginata*



Figure 49



Figure 50 *D. sikkimensis*



Figure 51 Plant production

Bamboo Water from Japan

by Sakie Fujita (translated from Dutch by Google Translate)

Japan has about 150-600 species of native bamboo (source: Wikipedia and depending on the definition). *Take* species common in western Japan, where I live, include the big three: Moso (*Phyllostachys edulis*), Hachiku (*Phyllostachys nigra* 'Henonis'), and Madake (*Phyllostachys bambusoides*). New shoots grow from the rhizomes from February to April. The new *take* shoots are called '*takenoko*', which means *take*'s baby and is a seasonal vegetable in Japan.

Growth rates

The *take* shoots that are not eaten when *takenoko* growth vaults through their final length between April and June. According to Japan's Ministry of Agriculture, Forestry and Fisheries, *take* growth can reach remarkable heights in the spring: *Ph. bambusoides* is once a length of 121 cm and from *Ph. edulis* has established a length of 119 cm in 24

hours. While researching the growth rate of the *take* species, the existence of '*take-mizu*' or bamboo water was discovered.

Bamboo Water

Also known as *Shin-sui*, which means God's water, *Take-mizu* is only available for 20 days in the growing season. *Shin-sui* is rainwater that falls at 12:00 on May 5 in the lunar calendar and is sucked up by the rhizomes and stored in the internodes. Medicines made with this water are said to have a good effect.

Trial

In the late afternoon of May 11, I cut a young culm of a 4.5 m long Moso at the bottom of an internode and put a plastic bag around it. The next day I found water in the bag. In total I had 5 bags attached to different *take*-culms. One culm yielded more water than the other. After I had cleaned all the water of impurities such as sawdust using a coffee filter, I was left with 700 cc of *take-mizu*. The next day I

tried again on another *take*-culm and then amassed about 500cc.

Varied result

The *take* is very soft during its growth period and easy to cut or drill. You know how soft when water drips from it while you're cutting. The yield varies every year and per shoot. Even older culms produce *take-mizu*. So possibly everything depends on the landscape, weather or the character of the bamboo.

Properties

The taste of the filtered water is slightly sweet and has a bamboo shoot-like taste. If you search the internet further you will find articles that the water has moisturizing properties, so I tried some water on my skin but didn't feel anything special. But skin lotions are made from *take-mizu*.

Short shelf life

Freshly harvested, *take-mizu* tastes good but quickly becomes cloudy and rotten after a few days. The differences in the components in the water may depend on the time of day and the local soil composition where the water is collected. What surprised me the most was that as soon as I made an incision in the bamboo, insects gathered around the hole from all over the place. The God's water may be a precious water that was seldom tasted by them.

Source: “*Bamboewater uit Japan*” *Bamboe – Tijdschrift van de European Bamboo Society, afdeling Nederland. Jaargang 30. Nummer 2. 2020. p. 2-3.*



Figure 52 Bamboo Water (photo courtesy of Dave Modijefsky courtesy of Sakie Fujita)

Chapter Officers of the Southern California Chapter of the American Bamboo Society			
Director, President, Webmaster	Gerard Minakawa	(305)965-3997	gerard@socalabs.org
Director, Vice President			
Director, Treasurer, Newsletter Editor,	Roy Wiersma Ph.D.	(909)980-1740	RHWIERSMA@aol.com
Director, Rec. Sec.			
Director	Landy Banks	(714)943-2822	landy@socalabs.org
Alternate Director			
Alternate Director	Gordon Coop	(951)768-4878	coopsroost@netzero.net
Chapter Representative			

Figure 53

Bylaws
THE SOUTHERN CALIFORNIA CHAPTER OF THE AMERICAN BAMBOO SOCIETY

I. NAME

The name of this organization is THE SOUTHERN CALIFORNIA CHAPTER OF THE AMERICAN BAMBOO SOCIETY, hereinafter referred to as "the Chapter."

II. PURPOSE

The purpose of the Chapter shall be to promote knowledge of and interest in plants comprising the Tribe Bambuseae, Family Poaceae; to present educational programs about bamboo, including meetings, classes, and publications; to encourage the growth and propagation of bamboo by botanical gardens; to aid in the importation of and quarantine of bamboo according to the USDA guidelines; to provide support facilities where records, books, publications, and other pertinent information will be made accessible to the Chapter's members and to the general public; to engage in and encourage such projects as may further the best interest of the community and the objectives of the Chapter; to cooperate with other organizations, foundations, and institutions in the furtherance of its objectives and interest in and knowledge of bamboo.

III. MEMBERSHIP

Membership shall be open to anyone who has an interest in bamboo and pays annual dues to the Treasurer. Each member is entitled to one vote at the Annual Business Meeting and Regular and Special meetings, and shall be entitled to examine Chapter records and attend meetings of the Board of Directors, but without voting rights. There is no provision for proxy or cumulative voting. Any member may terminate his or her membership voluntarily. Any member who fails to pay dues may be dropped from the rolls. Memberships are not subject to attachment.

IV. DIRECTORS

4.1. Board of Directors: The Southern California Chapter of the American Bamboo Society shall be governed by an elected Board of Directors composed of 5 Directors and 2 Alternate Directors, each of whom must be a Chapter member in good standing. Directors shall each serve for a term of three (3) years. Terms shall begin at the close of the Annual Business Meeting. Terms shall be staggered, and after the first election after incorporation, the Directors shall draw lots to determine who shall serve 1, 2, or 3 years. Alternates shall serve for one year.

4.2. Powers & Duties: The Board of Directors shall elect officers annually from their own number; establish policies, bylaws, and goals; direct business, educational, and social affairs of the Chapter; authorize expenditures of funds; and establish such standing and temporary committees as it deems necessary to ensure the proper functioning of the Chapter.

4.3. Delegation of Authority: The Board of Directors may grant authority to designated officers to take action on matters without the approval of the Board of Directors.

4.4. Meetings: The Board of Directors shall meet at least quarterly, at times to be specified by the Board.

4.5. Quorum: Three Directors shall constitute a quorum.

4.6. Absences: If a quorum is not present, an Alternate may temporarily assume the powers and duties of an absent Director to complete the quorum, but shall not assume the office of any Director.

4.7. Vacancies: Vacancies on the Board of Directors shall be filled by appointment by the Board of Directors from the general membership. Any such replacement shall be for the unexpired term of the Director or Alternate being replaced and shall include all powers and duties of full Board membership.

4.8. Removal: Directors and Alternates shall be subject to removal from the Board for just cause by a two-thirds (2/3) vote of the Board. Failure to attend two (2) consecutive Board meetings unexcused will be considered cause.

4.9. Audit: The Board of Directors shall appoint an Auditing Committee of three (3) members who shall audit the Treasurer's accounts at least annually, and at the close of the Treasurer's term, and submit said audit to the Annual Business Meeting.

V. MEMBERSHIP MEETINGS

5.1. Regular Meetings: Regular meetings of the Chapter shall be held monthly. Notice of the place and time of each meeting shall be sent to the membership.

5.2. Annual Business Meeting: An Annual Business Meeting shall be held in September of each year for the purpose of installing new officers, and other business that may arise. The Board of Directors shall send out an announcement of the Annual Business Meeting, including the agenda and names of nominees for office.

5.3. Quorum: A quorum at any membership meeting shall be 10% of the total membership.

VI. ELECTIONS

6.1. Nominations: A nominating committee of no less than two (2) members shall be appointed by the Board of Directors, but shall not include the President. It shall be the duty of the Nominating Committee to nominate candidates for the vacant Board positions to be filled at the Annual Business Meeting. Nominations may also be made by any member, with the nominee's consent.

6.2. Elections and Balloting: An election to fill vacancies on the Board of Directors shall be held by mail, with ballots to be returned prior to, or at, the annual business meeting. Election shall be supervised by an Election Committee appointed by the Board.

VII. OFFICERS

7.1. Officers: Officers shall consist of the President, Vice President, Secretary, and Treasurer. Officers shall be elected by the Board of Directors, from among their number, at the first Board Meeting following the election of new Directors. The same person may not be both President and Secretary. The terms of all officers shall be for one year, or until their successors are installed.

7.2. Duties:

a. President. The President shall preside at all meetings of the Chapter and its Board of Directors; appoint committees; sign all contracts and other instruments of the Chapter; retain duplicate copies of important documents of the Chapter.

b. Vice President. The Vice President shall perform the duties of the President in the latter's absence or incapacity.

c. Secretary. The Secretary shall record the minutes of all meetings of the Chapter and its Board of Directors, conduct correspondence, and shall make such reports as are requested by the Board of Directors. The Secretary shall have custody of all documents of the Chapter and with the President shall sign all official documents.

d. Treasurer. The Treasurer shall have custody of the dues and such other income and funds as the Chapter may possess and shall keep an account of the same. The Treasurer shall disburse monies in accordance with procedures approved by the Board of Directors and shall submit such reports and statements as are required by the Board of Directors. Checks shall be signed by the Treasurer or the President.

VIII. GENERAL

8.1. Parliamentary Authority: All membership meetings and all meetings of the Board of Directors shall be conducted in accordance with Robert's Rules of Order insofar as they are not inconsistent with these bylaws.

8.2. Fiscal Year: The fiscal year of the Chapter shall be October 1 to September 30. The membership year shall be 12 months from the date of joining and paying annual dues.

8.3. Amendments:

a. These bylaws may be amended by the general membership at the Annual Business Meeting, or by mail ballot. Notice of the proposed amendment must be given in writing to all members, no later than the previous regular meeting before the Annual Business Meeting. A two-thirds (2/3) vote of all the members voting shall be necessary for adoption.

b. The Board of Directors, by a majority vote, may enact amendments which shall remain in effect only until the next Annual Business Meeting, whereupon, they shall be submitted to the membership for adoption or rejection. Written notice shall be given in accordance with Section 8.3.a.

8.4. Non-profit Status: Because the Southern California Chapter of the American Bamboo Society is a non-profit organization, no part of the gross receipts or income shall be distributed to any member or officer, except in the form of reimbursement for expenditures made on behalf of the organization. All the Chapter's funds shall be utilized for the furtherance of its purposes, and upon dissolution, a determination shall be made by the Board of Directors or members of the distribution of any remaining assets; such assets shall be distributed solely to non-profit organizations recognized under the provisions of 501(c)(3) of the Internal Revenue Code and 23701(d) of the Revenue and Taxation Code.

Adopted February 16, 1991, at Quail Botanical Gardens, Encinitas, California.

Certified a true copy:

George G. Shor Jr., Secretary

The Southern California Chapter of the
American Bamboo Society, Inc.
5387 Topaz St.
Alta Loma, CA 91701



Note: This newsletter is available in PDF format at the ABS-SoCal Web site: www.socalabs.org – In Color!

**Application for membership in: The American Bamboo Society
and the Southern California Chapter of the American Bamboo Society**

Renewal New

Name: _____

Mailing Address: _____

City: _____ State: _____ ZIP: _____

Phone: (_____) _____ Fax: (_____) _____ e-mail: _____

- Membership for 2022 is (check one):
- Annual: \$50- ABS and ABS SoCal Chapter (\$40 digital)
 - Annual: \$20- ABS SoCal only
 - Supporting: \$70- ABS and ABS SoCal Chapter (\$60 digital)
 - Lifetime: \$800- ABS Membership only (\$600 digital)
 - Patron: \$130- ABS and ABS SoCal Chapter (\$120 digital)
 - Lifetime: \$300- ABS SoCal Chapter only
 - \$15/year for each additional Chapter checked below:
 - Three years: \$140- ABS and ABS SoCal Chapter (\$110 digital)
 - International: \$55- ABS only (\$40 digital)
 - Florida Caribbean; Hawaii; Louisiana- Gulf Coast; Mid-States; Northeast; Northern California;
 - Pacific Northwest; Southeast; Texas Bamboo Society

Make check to ABS SoCal: Mail to: **ABS SoCal Membership, 5387 Topaz St. , Alta Loma, CA 91701**

Check here if you do **NOT** want your phone number and e-mail address listed in directories.