

HORTICULTURAL AWARDS PROGRAM (H.A.P.)

1.) Purpose

- 1.1 To recognize & encourage achievement in growing & propagating aquatic plants.
- 1.2 To gather information & knowledge of aquatic plants & their requirements; with the additional bonus of having more beautiful aquariums.
- 1.3 To identify new aquatic plant species & conditions required for their care in the aquarium.
- 1.4 The St. Catharines And Area Aquarium Society will supply a code in regards to 1.3; this code will apply to a plant until proper identification is confirmed.
- 1.5 To establish a record of aquatic plant species & conditions required for their maintenance, which will be available to all S.C.A.A.S. members.

2.) Eligibility

All St. Catharines And Area Aquarium Society members are eligible for the Horticultural Awards Program (H.A.P.)

3.) Committee

- 3.1 The H.A.P. committee will consist solely of a Chairperson, with one or more extra appointed members, designated by the Chairperson, if required.
- 3.2 The duties of the Committee will consist of witnessing the propagation of aquatic plants as outlined. They will maintain an accurate record of points standings, report these to the membership & present awards.
- 3.3 They will supply a code for an unknown plant & will ensure proper identification as it becomes available.

4.) Awards

- 4.1 Beginning Aquatic Horticulturist
The aquarist will accumulate a minimum of 50 points. These points to include at least 3 different classes.
- 4.2 Aquatic Horticulturist
The aquarist will accumulate a minimum of 125 points. These points to include 2 plants from Classes C & D, & 1 from Class E.
- 4.3 Expert Aquatic Horticulturist
The aquarist will accumulate a minimum of 250 points. These points to include 2 plants from each Class of D, E, & 1 from Class F.
- 4.4 Master Aquatic Horticulturist
The aquarist will accumulate a minimum of 500 points. These points to include 3 plants from each Class of D, E, F, & 1 plant from Class G.

Awards (Continued)

4.5 Grand Master Aquatic Horticulturist

The aquarist will accumulate a minimum of 1,000 points. This will include at least 80 species. The aquarist will be required to perform one of the items below:

A. Minimum of 3 lectures.

B. 3 photo essays of 10 pictures each. They are to include rootstock, stems, leaves, flowers, & seeds.

C. An article of identification of a plant to include at least 2,000 words for use in local or national publications.

5.) **Reproduction Requirements**

5.1 For all species: verification & registration of propagation in Classes A & B may be witnessed by any active member. Any other persons in the same household are not eligible to witness. For Classes C & D, by H.A.P. Committee Member, once when flowering & at each stage of seed & when young plants are old enough to recognize.

5.2 Floating plants: double the original amount.

5.3 Bunch plants: double the original height of plant.

5.4 Reproduction by runner or division: 1 healthy plant capable of living independently of the parent plant.

5.5 Reproduction sexually: 1 plant reproduced from seed from the aquarist's own plant in his/her aquarium or pond.

5.6 Flowering: must be verified when in full bloom, attached to S.C.A.A.S. member's own plant; in the aquarist's own pond or aquarium.

6.) **Additional Criteria**

6.1 Plants reproduced must conform to the following definition of an aquatic plant: 'an aquatic plant is a plant or plants that have adapted to living in aquatic environments that grow in water and are either emergent, submergent (minimum of 1" water above the substrate) or floating.

6.2 Plants must be identified by the aquarist and verified according to section 5.1. For identification purposes the following will be useful:

a) Aquarium Plants by Christel Kasselmann

6.3 In order to have his/her points recorded, the aquarist must complete the H.A.P. template.

6.4 For All Classes, additional points will be awarded if the aquarist chooses to submit an article of at least 300 words, gives a short talk (approximately 10 minutes) or makes a donation to S.C.A.A.S. of the plant reproduced.

6.5 In regards to section 6.4: article or talk must be submitted no later than 30 days after the plant propagation is witnessed. This deadline can be waived at the discretion of the H.A.P. chair with legitimate cause.

6.6 The propagation of all plants must take place in the aquarist's own aquarium or pond.

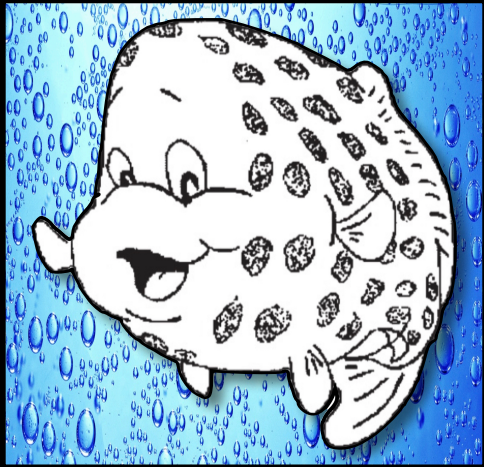
6.7 Any plant not included in the point classification will be assigned points by the H.A.P. committee on request.

6.8 Questions you may have as to the interpretation of the rules and/or suggestions as to their improvements should be submitted to the H.A.P. committee.

6.9 All propagations are recorded and kept on file. Points will be awarded only once for any plant in a given class.

6.10 All completed H.A.P. forms must be submitted to the H.A.P. Chairperson.

7.) Point Classification

7.1 Class A (5 points)	7.2 Class B (10 points)	7.2 Class B (10 points)
Azolla species	Ambullia species	Myriophyllum species
Ceratophyllum species	Acorus species	Nomophila species
Ceratopteris species	Bacopa species	Najas species
Egeria densa	Cardamine species	Nitella species
Elodea species	Cabomba species	Nymphoides species
Lemna species	Eleocharis species	Potamogeton species
Riccia species	Fontinalis species	Pygmy Chain Sword
Salvinia species	Hygrophila species	Rotala species
	Hydrocotyle species	Sagittaria species
7.3 Class C (15 points)	Heterandria species	Samolus Valerandi
Aponogeton species (except Madagascar lace plant)	Hydrilla species	Utricularia species
Bolbitis species	Limnophila species	Vallisneria species
Cryptocoryne species	Lobelia species	Water Wisteria
Crinum species	Ludwigia species	Alternanthera Nummularia
Didiplis species		Vesicularia Dubyana
Echinodorus species (except Pygmy chain sword)	7.4 Class D (20 points)	
Isoetes species	Aldrovandia species	
Lararosiphon Major	Anubias species	
Marsilea species	Barclaya Longifolia	
Microsorium species	Lagenandra species	
Nymphaea species	Madagascar Lace Plant	
Pistia species	Ottellia Alismoides	
Trapa Natans	Spatterdock	

- 7.5 Class E - Flowerings
Extra points will be awarded for all reported flowerings of aquatic plants. Such points will be equal to the points for the class the plant is in.
- 7.6 Class F - Seeds
Extra points will be awarded for all seeds. Such points will be equal to the points for the class the plant is in.
- 7.7 Class G - Sexual Reproduction
Extra points will be awarded for sexual reproduction. Such points will be equal to the points for the class the plant is in.