



# Growers Award Program (GAP)

v.7.7

**Welcome** to the NJAS Growers Award Program (GAP)! The purpose of the GAP is to:

1. encourage members to integrate live plants into their aquascapes and filtration
2. recognize the talents and achievements of our members
3. provide a better selection of plants at our auctions

Two (2) Award Programs are available to NJAS members in good standing:

1. **The Achievement Program** awards points for each species propagated in an aquarium, one time only, by submitting the propagations at NJAS events with an auctions. There are 10 award levels of increasing difficulty and points. SEE “RULES FOR SUBMITTING PLANTS” IN THIS MANUAL. Members can earn an additional 2.5 points for an article written about aquarium plants submitted to the society’s newsletter, 5 points for participating in a panel on plants, and 10 points for presenting a program. Special plant-related projects may earn bonus points at the discretion of the GAP Chair. Plaques are awarded at our monthly meeting with every new level of achievement. It is the grower's responsibility to see that points have been properly recorded.

Achievement Level	Points Required	Other Requirements
I Grower	75	propagations in at least 2 categories
II Advanced Grower	150	propagations in at least 3 categories to date
III Expert Grower	300	propagations in at least 5 categories to date
IV Master Grower	500	propagations in at least 6categories to date
V Grand Master Grower	1000	propagations in at least 7 categories to date
VI Frank Zillitto Award	1500	propagations in at least 8 categories to date
VII <i>title to be announced</i>	2000	propagations in at least 10 categories to date

**2. The Specialist Certification Program** awards members in 13 different plant categories. This program is designed to recognize expertise in a particular area, and to encourage members with smaller setups or whose water conditions limit their choices. Unlike the Achievement Program, Specialist Certification is awarded based on the number of plants propagated or flowered within a particular category, not points. Achievement Program plants, multiple propagations, and pond-grown plants are automatically credited to the Specialist Program. SEE “RULES FOR SUBMITTING PLANTS” IN THIS MANUAL.

<b>Certification Class</b> <i>Aquarium-grown unless noted</i>	<b>Min #Species Required</b>	<b>Propagations Required</b>
• Stem Plants	• 5	• 10
• Echinodorus (Amazon Swords)	• 5	• 10
• Aponogeton & Crinum	• 5	• 10
• Cryptocorynes	• 5	• 10
• Floating Plants (including ferns)	• 5	• 10
• Rosette Plants	• 5	• 10
• Anubias & Lagenandra	• 5	• 10
• Ferns & Mosses (non-floating)	• 5	• 10
• Aquarium Flowering or Seed Development <i>auction not necessary: image taken by grower, or inspection of flower or seeds is OK</i>	• 5	• 10
• Aquarium Waterlilies ( <i>at least 2 genera required</i> )	• 5	• 10
• Ponds & Tubs: Hardy Waterlilies (tuber division with leaves)	• 5	• 10
• Ponds & Tubs: Tropical Waterlilies ( <i>corms or plantlets can be raised in an aquarium to sprout</i> )	• 5	• 10
• Ponds & Tubs: Pond Plants ( <i>only 2 plants from the GAP list permitted; 3 must be potted</i> )	• 5	• 10
• Marine Plants (grown by any method)	• 5	• 10

## **RULES FOR SUBMITTING PLANTS**

To receive GAP credit, the member must **propagate viable, auctionable, identified** plants. Simply maintaining a plant, or growing it larger, is NOT sufficient.

- **PROPAGATE:** either (1) non-sexual reproduction from cuttings, offshoots, runners, or plantlets; or (2) sexual reproduction by pollination from a member’s own plant.
- **VIALE:** in that the propagated plant has its own root or rhizomes system, enabling it to grow independently if re-planted.
- **AUCTIONABLE:** in that the propagation is of sufficient size, quality, and quantity to make for a reasonable bid at one of our society auctions. Lots rejected at the discretion of the GAP.
- **IDENTIFIED:** Members must identify their plants and list the genus and species, or hybrid cultivar, on the GAP form. GAP Chairs can help with identification, but many plants look alike under different growing conditions.



**Decisions by the GAP Chair are final.**

## The NJAS GAP Aquarium Plant List

The NJAS GAP classification and point system was originally based on the “degree of difficulty rating” in the *Baensch Aquarium Atlases* (1 = 5; 2 = 10; 3-4 = 15). The GAP now supplements this with online databases: Plantpedia; Plant Finder; Florida Aquatic Nurseries; Tropica; and aqua-fish.net by triangulating their degree of difficulty ratings (very easy-easy =5; moderate = 10; difficult-very difficult =15). Other references used are *Aquarium Plants* by Kasselmann, [www.tropica.com](http://www.tropica.com), and guidance from expert aquarium plant hobbyists. Pond or bog plants not listed will be credited toward our Pond Plant Specialist Certification if tub/pond grown. Plants not listed will be pointed at the discretion of the GAP Chair.

CATEGORY	SCIENTIFIC NAME	COMMON NAME	Pts
Amazon Swords	<i>Echinodorus amazonicus/brevipedicellatus</i>	Amazon Sword	10
Amazons Swords	<i>Echinodorus 'altlandsberg'</i>		5
Amazons Swords	<i>Echinodorus andrieuxii</i>		15
Amazons Swords	<i>Echinodorus angustifolius</i>	-	10
Amazons Swords	<i>Echinodorus argentinensis/ovatus</i>	-	10
Amazons Swords	<i>Echinodorus aschersonianus</i>	Ascherson's Sword	10
Amazons Swords	<i>Echinodorus aureobrunneus</i>		15
Amazons Swords	<i>Echinodorus berteroi/rostratus</i>	Cellophane Sword	15
Amazons Swords	<i>Echinodorus – hybrid "Barthii"</i>	Red Mellon Sword	10
Amazons Swords	<i>Echinodorus bleheri/paniculatus/rangeri</i>	Broad-Leaved Sword	10
Amazons Swords	<i>Echinodorus bolivianus/austromoamericanus</i>	Bolivian Sword	5
Amazons Swords	<i>Echinodorus cordifolius/radicans</i>	Radican Sword	5
Amazons Swords	<i>Echinodorus grandiflorus</i>	Large-Flowered Sword	15
Amazons Swords	<i>Echinodorus horizontalis</i>	-	10
Amazons Swords	<i>Echinodorus latifolius/magdalenensis</i>	-	5
Amazons Swords	<i>Echinodorus – hybrid "Kleiner bar"</i>		5
Amazons Swords	<i>Echinodorus longiscapus</i>	-	15
Amazons Swords	<i>Echinodorus macrophyllus</i>	Throny Sword	10
Amazons Swords	<i>Echinodorus martii/leopoldina/major</i>	Ruffled Sword	10
Amazons Swords	<i>Echinodorus –hyrbid "Ozelot"</i>	Red Leopard Sword	10
Amazons Swords	<i>Echinodorus opacus</i>	Opaque Sword	15
Amazons Swords	<i>Echinodorus osrisis/aureobrunata</i>	Red Sword	10
Amazons Swords	<i>Echinodorus palaeifolius</i>	-	15
Amazons Swords	<i>Echinodorus parviflorus/peruensis/tocantins</i>	-	10
Amazons Swords	<i>Echinodorus pellucidus</i>	-	15
Amazons Swords	<i>Echinodorus 'Red Flame'</i>	-	5
Amazons Swords	<i>Echinodorus portoalegrensis</i>	-	15
Amazons Swords	<i>Echinodorus quadricostatus/magdalenensis</i>	Dwarf/C. A. Sword	5
Amazons Swords	<i>Echinodorus subalatus</i>	-	15
Amazons Swords	<i>Echinodorus tenellus</i>	Pygmy Chain	5
Amazons Swords	<i>Echinodorus uruguayensis</i>	Horeman's Sword	10
Anubias	<i>Anubias affinis</i>	-	10
Anubias	<i>Anubias afzeli</i>	-	10
Anubias	<i>Anubias auriculata</i>	-	10

Anubias	Anubias barteri (minima, coffeefolia, glabra, lanceolata, nana, angustifolia)	-	5
Anubias	Anubias congensis (see A. heterophylla)	-	-
Anubias	Anubias engleri	-	10
Anubias	Anubias frazeri	-	5
Anubias	Anubias gigantea	-	15
Anubias	Anubias gillettii	-	15
Anubias	Anubias gracilis	-	15
Anubias	Anubias hastifolia	-	10
Anubias	Anubias heterophylla	-	10
Anubias	Anubias pynaertii	-	10
Bulb plants	Aponogeton bernieranus	-	15
Bulb plants	Aponogeton boivinanus	-	10
Bulb plants	Aponogeton crispus	Crinckled/Ruffled	10
Bulb plants	Aponogeton elongatus/longifolius	Elongated Swordplant	10
Bulb plants	Aponogeton guillotii	Narrow Madagascar Lace	10
Bulb plants	Aponogeton loriae	-	15
Bulb plants	Aponogeton madagascariensis/fenestralis	Madagascar Laceleaf Plant	15
Bulb plants	Aponogeton natans	Drifting Swordplant	15
Bulb plants	Aponogeton rigidifolius	-	15
Bulb plants	Aponogeton ulvaceus	-	10
Bulb plants	Aponogeton undulatus	-	10
Bulb plants	Crinium calamistratum	-	10
Bulb plants	Crinium natans	-	10
Bulb plants	Crinium purpurascens	-	10
Bulb plants	Crinium thaianumz	Onion Plant	5
Bulb plants	Crinium tortifolia	-	10
Bulb plants	Zephyranthes candida	Dwarf Onion Plant	10
Cryptocoryneae	Cryptocoryne affinis/haerteliniana	-	10
Cryptocoryneae	Cryptocoryne albida	-	10
Cryptocoryneae	Cryptocoryne auriculata	-	15
Cryptocoryneae	Cryptocoryne balanese	-	15
Cryptocoryneae	Cryptocoryne beckettii/petchii	Beckett's Crypt	10
Cryptocoryneae	Cryptocoryne blassii	Giant Crypt	10
Cryptocoryneae	Cryptocoryne bullosus	Blistered Crypt	15
Cryptocoryneae	Cryptocoryne ciliata	-	10
Cryptocoryneae	Cryptocoryne cordata/siamensis	-	15
Cryptocoryneae	Cryptocoryne costata/hansenii	-	15
Cryptocoryneae	Cryptocoryne crispulata/retrospiralis	-	5
Cryptocoryneae	Cryptocoryne ferruginea/sarawacensis/pontederiifolia	-	15
Cryptocoryneae	Cryptocoryne fusca/longicauda/tortilis	-	15
Cryptocoryneae	Cryptocoryne lingua/spathulata	Tongue-Shaped Crypt	15
Cryptocoryneae	Cryptocoryne longicauda/johorensis	-	15
Cryptocoryneae	Cryptocoryne minima	-	15
Cryptocoryneae	Cryptocoryne moehlmannii	Mohlmann's Crypt	10
Cryptocoryneae	Cryptocoryne nurii	-	15
Cryptocoryneae	Cryptocoryne parva	Tiny Crypt	15

Cryptocoryneae	Cryptocoryne pontederiifolia/sulphurea	-	10
Cryptocoryneae	Cryptocoryne purpurea/griffithii	-	15
Cryptocoryneae	Cryptocoryne schulzei	Schulze's Crypt	10
Cryptocoryneae	Cryptocoryne spiralis	Spiral Crypt	15
Cryptocoryneae	Cryptocoryne undulata/axelrodi	Undulate Crypt	5
Cryptocoryneae	Cryptocoryne usteriana/aponogitifolia	-	5
Cryptocoryneae	Cryptocoryne walkeri/lutea/legroi	Walker's Crypt	5
Cryptocoryneae	Cryptocoryne wendtii/krauteri/rubella	Wendt's Crypt	5
Cryptocoryneae	Cryptocoryne willisii/nevillii/lucens	Dwarf Crypt	5
Cryptocoryneae	Cryptocoryne vietnamensis	Dwarf Crypt	5
Cryptocoryneae	Lagenandra lancifolia	-	10
Cryptocoryneae	Lagenandra meeboldii	-	10
Cryptocoryneae	Lagenandra ovata	-	15
Floating Plants	Azolla caroliniana	Water Velvet	10
Floating Plants	Azolla filiculoides	Floating Fern	10
Floating Plants	Azolla pinnata	-	15
Floating Plants	Ceratopteris cornuta (floating form only)	Floating Fern	5
Floating Plants	Ceratopteris pteridioides (floating form)	Floating Watersprite	5
Floating Plants	Ceratopteris thalictroides (floating form)	Indian Fern	5
Floating Plants	Lemna gibba	-	5
Floating Plants	Lemna minor	Duckweed	5
Floating Plants	Lemna trisulca	-	10
Floating Plants	Limnobium (Hydromistria) laevigatum (stoloniferum)	Frogbit	5
Floating Plants	Limnobium spongia	-	10
Floating Plants	Phyllanthus fluitans	Red Frogbit	10
Floating Plants	Pistia stratiotes	Water Lettuce	10
Floating Plants	Riccia fluitans	Crystalwort	5
Floating Plants	Riccia rhenana	Sinking Riccia	5
Floating Plants	Salvinia auriculata	Small-leaved Salvinia	10
Floating Plants	Salvinia cucullata	-	15
Floating Plants	Salvinia minima	Water Spangles	15
Floating Plants	Salvinia natans	-	15
Floating Plants	Salvinia oblonifolia	-	15
Floating Plants	Salvinia rotundifolia	-	10
Floating Plants	Salvinia sprucei	-	5
Floating Plants	Utricularia aurea	Tropical Bladderwort	5
Floating Plants	Utricularia gibba	-	5
Floating Plants	Utricularia graminifolia	-	10
Floating Plants	Utricularia minor	-	15
Floating Plants	Utricularia neglecta	-	5
Floating Plants	Utricularia vulgaris	-	15
Floating Plants	Wolffia arrhiza	-	15
Ferns/Mosses	Bolbitis heteroclita	Chinese Fern	15
Ferns/Mosses	Bolbitis heudelotii	African Fern	10
Ferns/Mosses	Fissidens fontanus		5
Ferns/Mosses	Ceratopteris cornuta (rooted form only)	Floating Fern	5

Ferns/Mosses	<i>Ceratopteris pteridioides</i> (rooted form)	Floating Watersprite	5
Ferns/Mosses	<i>Ceratopteris thalictroides</i> (rooted form)	Indian Fern	5
Ferns/Mosses	<i>Fontinalis antipyretica</i>	Willow Moss	5
Ferns/Mosses	<i>Isoetes flaccida</i>	Quillwort	10
Ferns/Mosses	<i>Isoetes lacustris</i>	-	15
Ferns/Mosses	<i>Isoetes malinverniana/velata/sicula</i>	-	10
Ferns/Mosses	<i>Isoetes setacea</i>	-	15
Ferns/Mosses	<i>Marsilea drummondii</i>	Clover Fern	10
Ferns/Mosses	<i>Marsilea minuta</i>	Dwarf Clover	10
Ferns/Mosses	<i>Marsilea exarata/crenata/quadrifolia</i>	Four-Leaf Clover	15
Ferns/Mosses	<i>Microsorium pteropus</i>	Java Fern	5
Ferns/Mosses	<i>Pilularia americana</i>	Pillwort	15
Ferns/Mosses	<i>Pilularia globulifera</i>	-	15
Ferns/Mosses	<i>Taxiphyllum alternans</i>	Taiwan Moss	5
Ferns/Mosses	<i>Taxiphyllum new species</i> "peacock"	Peacock Moss	5
Ferns/Mosses	<i>Taxiphyllum barbieri/Vesicularia dubyana</i>	Java Moss	5
Ferns/Mosses	<i>Vesicularia montagnei</i>	Christmas Tree Moss	5
Ferns/Mosses	<i>Vesicularia inundata</i>	-	5
Rosette Plants	<i>Blyxa aubertii</i>		15
Rosette Plants	<i>Blyxa echinosperma</i>		15
Rosette Plants	<i>Blyxa japonica</i>		15
Rosette Plants	<i>Blyxa novoguineensis</i>		15
Rosette Plants	<i>Blyxa octandra</i>	-	15
Rosette Plants	<i>Cyperus helferi</i>		10
Rosette Plants	<i>Eleocharis acicularis; montevidensis</i>	-	5
Rosette Plants	<i>Eleocharis minima</i>	-	15
Rosette Plants	<i>Eleocharis parvula</i>	Dwarf Hairgrass	10
Rosette Plants	<i>Eleocharis vivipara/prolifera</i>	Umbrella Hairgrass	10
Rosette Plants	<i>Eriocaulon cinereum</i>	Pipewort	15
Rosette Plants	<i>Eriocaulon setaceum</i>	Pipewort	15
Rosette Plants	<i>Eriocaulon type II</i>		10
Rosette Plants	<i>Lillaeopsis brasiliensis</i>	False Tenellus	10
Rosette Plants	<i>Lillaeopsis mauritiana</i>		10
Rosette Plants	<i>Ranalisma humile / rostrata</i>	Formerly Echinodorus	15
Rosette Plants	<i>Sagittaria graminea/eatonii</i>	Grassy Arrowhead	5
Rosette Plants	<i>Sagittaria platyphylla</i>	Broad Leaf Sag	5
Rosette Plants	<i>Sagittaria subulata /gracillima /pusilla/lorata/filiformis/kurziana</i>	Dwarf /Floating Arrowhead	5
Rosette Plants	<i>Samolous (Samolus) valerandi (floribundus, parviflorus)</i>	Water Cabbage, Water Rose	15
Rosette Plants	<i>Spiranthes odorata/cernua</i>	-	10
Rosette Plants	<i>Vallisneria americana/biwaensis</i>	Giant Val	5
Rosette Plants	<i>Vallisneria asiatica</i>	-	5
Rosette Plants	<i>Vallisneria gracilis</i>	-	5
Rosette Plants	<i>Vallisneria neotropicalis</i>	-	10
Rosette Plants	<i>Vallisneria spiralis</i>	Spiral Val; Italian Val	5
Rosette Plants	<i>Vallisneria tortifolia/biwaensis</i>	Corkscrew Val	10

Rosette Plants	<i>Nechamandra alternifolia</i>		5
Stem Plant	<i>Aciotis acuminifolia</i>	-	10
Stem Plant	<i>Alternanthera reineckii/rosaefolia</i>	-	10
Stem Plant	<i>Ammania bonsai</i> (see <i>Rotala indica</i> )		n/a
Stem Plant	<i>Ammania senegalensis</i>		10
Stem Plant	<i>Ammania sulawesi</i> (see <i>Rotala</i> sp. 'sunset')		n/a
Stem Plant	<i>Ammania gracilis</i>	Delicate <i>Ammania</i>	10
Stem Plant	<i>Bacopa caroliniana/amplexicaulis</i>	Giant <i>Bacopa</i>	10
Stem Plant	<i>Bacopa floribunda</i>	-	15
Stem Plant	<i>Bacopa lanigera</i>	-	15
Stem Plant	<i>Bacopa monnieri</i>	Dwarf <i>Bacopa</i>	5
Stem Plant	<i>Bacopa myriophylloides</i>		10
Stem Plant	<i>Bacopa rotundifolia</i>	Round <i>Bacopa</i>	15
Stem Plant	<i>Cabomba aquatica</i>	Yellow <i>Cambomba</i>	15
Stem Plant	<i>Cabomba silbergruene</i>	<i>Cabomba</i> Silver Green	10
Stem Plant	<i>Cabomba caroliniana</i>	Green <i>Cambomba</i>	10
Stem Plant	<i>Cabomba furcata/piauhyensis</i>	Red <i>Cambomba</i>	15
Stem Plant	<i>Cabomba palaeformis</i>	-	15
Stem Plant	<i>Cabomba pulcherrima</i>	-	15
Stem Plant	<i>Cardamine lyrata</i>	Chinese Ivy	10
Stem Plant	<i>Ceratophyllum demersum</i>	Hornwort	5
Stem Plant	<i>Ceratophyllum submersum</i>	Tropical Hornwort	5
Stem Plant	<i>Crassula aquatica</i>	-	15
Stem Plant	<i>Crassula helmsii</i> ( <i>Tilaea helmsii</i> )	-	10
Stem Plant	<i>Didiplis/Peplis diandra</i>	-	15
Stem Plant	<i>Egeria</i> ( <i>Elodea</i> ) <i>najas</i>	Slender-leaved <i>Elodea</i>	5
Stem Plant	<i>Egeria/Elodea densa</i>	<i>Anacharis</i> , <i>Elodea</i>	5
Stem Plant	<i>Elatine macropoda</i>	-	15
Stem Plant	<i>Elatine triandra</i>	-	15
Stem Plant	<i>Elodea canadensis</i>	Canadian <i>Elodea</i>	15
Stem Plant	<i>Elodea nuttallii</i>	-	10
Stem Plant	<i>Elodea crispa</i> (see <i>Lagarosiphon major/muscoides</i> )	-	10
Stem Plant	<i>Eusteralis stellata</i> ( <i>Dysophhylla verticillata</i> )	-	15
Stem Plant	<i>Glossostigma diandra</i>	-	15
Stem Plant	<i>Glossostigma elatinoides</i>	-	10
Stem Plant	<i>Gymnocoronis spilanthoides</i>	Spade Leaf	10
Stem Plant	<i>Hemianthus</i> (see <i>Micranthemum</i> )		n/a
Stem Plant	<i>Heteranthera reniformis</i>	-	15
Stem Plant	<i>Heteranthera zosterifolia</i>	Stargrass	10
Stem Plant	<i>Hottonia inflata</i>	-	15
Stem Plant	<i>Hottonia palustris</i>	-	15
Stem Plant	<i>Hydrilla verticillata/crispa</i>	-	5
Stem Plant	<i>Hydrocotyle lemnoides</i>	-	5
Stem Plant	<i>Hydrocotyle leucocephala</i>	Brazilian Pennywort	5
Stem Plant	<i>Hydrocotyle tripartita</i>		10
Stem Plant	<i>Hydrocotyle sibthorpioides</i>		10

Stem Plant	<i>Hydrocotyle verticillata</i>	Umbrella Plant	10
Stem Plant	<i>Hydrocotyle vulgaris</i>	Pennywort, Umbrella Plant	15
Stem Plant	<i>Hydrothrix gardneri</i>	-	10
Stem Plant	<i>Hydrotriche hottoniiflora</i>	-	15
Stem Plant	<i>Hygrophila balsamica</i>	Balsam Hygrophila	5
Stem Plant	<i>Hygrophila corymbosa / stricta / gracilis / crispa / glabra / strigosa / salicifolia</i>	Giant Hygro	5
Stem Plant	<i>Hygrophila difformis / Synnema triflorum</i>	Water Wisteria	10
Stem Plant	<i>Hygrophila guianensis / conferta</i>	Thai Stricta, Guiana Hygro	10
Stem Plant	<i>Hygrophila lacustris</i>	Lake Hygrophila	10
Stem Plant	<i>Hygrophila polysperma</i>	Dwarf Hygro	5
Stem Plant	<i>Hyptis lorentziana</i>		10
Stem Plant	<i>Lagarosiphon madagascariensis</i>	-	10
Stem Plant	<i>Lagarosiphon major / muscooides; Elodea crispa</i>	-	10
Stem Plant	<i>Limnophila aquatica</i>	Giant Ambulia	15
Stem Plant	<i>Limnophila aromaticoides</i>		10
Stem Plant	<i>Limnophila aromatica</i>		10
Stem Plant	<i>Limnophila glabra</i>	-	10
Stem Plant	<i>Limnophila heterophylla, Limnophila rugosa</i>	-	5
Stem Plant	<i>Limniophila hippuroides</i>		10
Stem Plant	<i>Limnophila indica (gratioloides)</i>	Indian Ambulia	10
Stem Plant	<i>Limnophila sessiliflora</i>	Dwarf Ambulia	5
Stem Plant	<i>Lindernia parviflora / microcalyx</i>	-	15
Stem Plant	<i>Lindernia rotundifolia</i>	Similar to parviflora / rounder	15
Stem Plant	<i>Ludwigia arcuata</i>	Needle Leaf Ludwigia	10
Stem Plant	<i>Ludwigia brevipes</i>	-	15
Stem Plant	<i>Ludwigia glandulosa</i>	Glandular Ludwigia	10
Stem Plant	<i>Ludwigia inclinata / verticillata</i>		15
Stem Plant	<i>Ludwigia ovalis</i>		15
Stem Plant	<i>Ludwigia palustris</i>	Water Purslane	5
Stem Plant	<i>Ludwigia senegalensis</i>	Guinea	15
Stem Plant	<i>Ludwigia repens / natans / 'red' / 'rubin'</i>	Creeping Ludwigia	5
Stem Plant	<i>Lysimachia nummularia</i>	Creeping Penny	5
Stem Plant	<i>Mayaca fluviatilis / vandellii</i>	-	10
Stem Plant	<i>Mayaca sellowiana</i>	-	15
Stem Plant	<i>Micranthemum umbrosum / orbiculatum</i>	Babytears	10
Stem Plant	<i>Micranthemum (Hemianthus) micranthemoides</i>	Pearlweed	10
Stem Plant	<i>Micranthemum (Hemianthus) callitrichoides</i>	Dwarf Babytears	10
Stem Plant	<i>Microcarpaea minima</i>		15
Stem Plant	<i>Myriophyllum dicoccum</i>		10
Stem Plant	<i>Myriophyllum elatinoides</i>	-	10
Stem Plant	<i>Myriophyllum simulans</i>	Australian	10
Stem Plant	<i>Myriophyllum propinum</i>		5
Stem Plant	<i>Myriophyllum hippuroides (scabratum)</i>		5
Stem Plant	<i>Myriophyllum mattogrossense / aquaticum</i>		5



Stem Plant	Myriophyllum pinnatum /scabratum / aquaticum/brasiliense/ proserpinacoides	Green Milfoil (feathery when submersed)	5
Stem Plant	Myriophyllum tuberculatum	Red Milfoil	10
Stem Plant	Myriophyllum verticillatum	Whorly Milfoil	10
Stem Plant	Najas flexis	-	10
Stem Plant	Najas guadelupensis/microdon	-	10
Stem Plant	Najas indica/kingii	-	10
Stem Plant	Nechamandra alternifolia	-	5
Stem Plant	Nesaea crassicaulis	-	15
Stem Plant	Nesaea pedicellata	-	15
Stem Plant	Nesaea sp.		15
Stem Plant	Nitella flexilis	-	5
Stem Plant	Nomaphilia stricta see <i>Hygrophila corymbosa</i>	-	-
Stem Plant	Polygonum javanicum	-	10
Stem Plant	Penthorum sedoides	-	10
Stem Plant	Potamogeton crispus	-	15
Stem Plant	Potamogeton gayii	-	5
Stem Plant	Potamogeton mascarensis	-	10
Stem Plant	Potamogeton pusillus	-	10
Stem Plant	Proserpinaca sp (Mermaid Plant)	-	15
Stem Plant	Rotala macrandra	Giant Red Rotala	15
Stem Plant	Rotala hippuris		15
Stem Plant	Rotala sp. 'vietnam'		15
Stem Plant	Rotala sp. 'thailand'		15
Stem Plant	Rotala mexicana / bangladesh		15
Stem Plant	Rotala najean		10
Stem Plant	Rotala indica (Ammania bonsai)	Dwarf Rotala	5
Stem Plant	Rotala rotundifolia		5
Stem Plant	Rotala sp. 'sunset'		10
Stem Plant	Rotala wallichii	Wholy Rotala	15
Stem Plant	Selliera radicans	-	15
Stem Plant	Shinnersia/Trichocoronis rivularis	-	10
Stem Plant	Tonina fluviatilis		15
Stem Plant	Tonina sp		15
Stem Plant	Zosterella (heteranthera) dubia (graminea)	-	10
Water Lillies	Barclaya species		10
Water Lillies	Hydrocleys species		15
Water Lillies	Nuphar species		10
Water Lillies	Nymphoides aquatica		15
Water Lillies	Nymphoides sp. Taiwan		5
Water Lillies	Nymphaea pubescens		10
Water Lillies	Ondinea species		10
Water Lillies	Victoria species		15
Marine Plants	any macroalgae		10
Marine Plants	any non-macroalgae (true plants)		15

Decisions by the GAP Chair are final.



**North Jersey Aquarium Society**

**GROWERS AWARD PROGRAM**

**SUBMISSION FORM**

**Grower's Name (please print):** \_\_\_\_\_ **Member?** \_\_\_\_\_

Date of Submission: \_\_\_\_/\_\_\_\_/\_\_\_\_ e-mail: \_\_\_\_\_

GENUS	SPECIES	COMMON NAME	GROWING METHOD <sup>1</sup>	PROPOGATION METHOD <sup>2</sup>	CERTIFICATION CLASS <sup>3</sup>

**<sup>1</sup>Growing Method Key:**

- A = indoor aquarium grown
- P = outdoor pond or tub grown

**<sup>2</sup>Propagation Method Key:**

- NS = Non-Sexual (cutting, runner, plantlet)
- S = Sexual
- F = Flower production
- S = Seed production

**<sup>3</sup>Certification Class Key**

- ST = Stem Plants
- EC = Echinodorus
- AC = Aponogeton / Crinum
- CR = Cryptocoryne
- FL = Floating Plants
- RS = Rosette Plants
- AN = Anubias
- FM = Ferns & Mosses (non-floating)
- FS = Aquarium Flower / Seed Developmnt
- AW = Aquarium Waterlilies
- PH = Pond/Tub Hardy Waterlilies
- PT = Pond/Tub Tropical Waterlilies
- PP = Pond & Water Garden Plants
- MR = Marine Plants