

Bluegrass Fish Keepers Association Horticulture Award Program



Purpose

1. To recognize BFKA member accomplishments
2. To encourage and promote BFKA member participation.
3. To share plant species amongst club members
4. To share information and techniques on growing and propagating different species

Guidelines

1. Must be a BFKA member in good standing.
2. Must submit a HAP form and your aquatic plants at the monthly meeting.
3. Submission must be bagged and labeled with the scientific name and "HAP".
4. Points are awarded only once for each species submitted by a member.
5. Points will be given separately for propagation by seed or for flowering.
6. Regrowth of a seasonal plant does not count as propagation.
7. Additional points may be earned via writing an article or giving a presentation.
8. Any plant not included in the HAP Point List will be assigned points by the HAP committee or Board.
9. Following a submission, it is the members own responsibility to ensure that his points have been recorded.
10. In the event that any confusion in the identification of a plant, reference to a published photograph must be made to get credit for that species. In the event no published photograph exists, a color photograph shall be taken and filed with the HAP submission sheet.
11. The HAP Coordinator and or Board shall make final determinations of classifications and points.

ACHIEVEMENT LEVELS

- Novice- 50 points
- Intermediate- 100 points
- Advanced- 300 points
- Senior- 500 points
- Master- 1,000 points
- Grand Master- 1,500 points

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Floating plants

A doubling of the original amount of plant material. At minimum a loose “handful” for larger species such as frogbit. Half of a loose “handful” for smaller plants such as duckweed is the minimum amount required.

Bunch plants

Rootless cuttings (stems) must be a minimum of 6 inches long. If stems with roots are submitted, the non-rooted portion must be at least 5 inches from the base to the tip of the stem. A minimum of 5 stems are required for points.

By Runner or Division

At least 3 individual plants, with at least 4 leaves a piece. Each plant must be capable of living independently of the parent plant. In the case of genera that typically have fewer than 4 leaves per plant, 15 individual plants must be submitted to obtain credit. Of these, at least 5 must be connected on the same runner and all must have viable roots at each node/plant. For genera such as *Cryptocoryne* that spread by both stolon and rhizome, a plug with at least 3 individual plantlets, each with an independent root system may be submitted for points. Credit will be given once per species for asexual reproduction regardless of method.

Rhizome Division

Ferns such as Java fern and *Bolbitis* must be free of the parent plant, at minimum 3 inches long, and have roots or rhizoids at least ½ inch long on the cutting.

Flowers

Points for flowering of plants may be awarded for either submergent or emergent specimens. Verification via photograph must be done when the plant is in full bloom and the flower is attached to the member's own plant in their aquarium or pond. 3 Photos must be submitted; Full tank, plant, flower. Submitting a physical specimen at the BFKA monthly meeting is encouraged. Points equal to the successful vegetative propagation of the species will be awarded for flowering a plant in addition to credit for successfully propagating the plant (sexually or asexually). For example, successfully flowering *Hygrophila difformis* will award 5 points in addition to a potential 5 points for asexual propagation of the species.

Seed/spore

The points will be the same as the points for that species propagation.

Presentation 30 Points

An oral presentation minimum length of 15 minutes on the propagation of the species. Oral presentations can be given at the BFKA monthly meeting but need to be prearranged with the board.

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Article 15 Points

A written article on the propagation of the species, submitted for publication on the club website or newsletter. Articles must be approximately 250-400 words. Articles should describe plant maintenance, propagation, and general care. Articles must be readable, informable, and publishable. Photograph submissions with the article are encouraged.

5 Points

Ammania senegalensis

Azolaceae caroliniana

Azolaceae filiculoides

Azolaceae nilocita

Azolaceae pinnata

Ceratophyllum sp.

Ceratophyllum demersum (Hornwort)

Ceratophyllum siliquosa

Ceratophyllum submersum

Ceratophyllum thalictroides (Water Sprite)

Ceratopteris sp.

Ceratopteris cornuta

Ceratopteris froesii

Ceratopteris pteroides (Water Sprite)

Ceratopteris siliquosa

Ceratopteris thalictroides (Indian Fern)

Crassula aquatica

Crassula helmsii

Egeria densa

Egeria najas (Slender Leafed Elodea)

Eichornia azurea

Eichornia crassipes (Water Hyacinth)

Eichornia diversifolia

Eichornia natans

Elodea sp.

Elodea canadensis (Canadian Elodea)

Elodea densa (Anacharis)

Elodea nuttallii

Fissidens frondatus

Hippurus vulgaris

Hygrophila sp.

Hygrophila augustifolia

Hygrophila balsamica

Hygrophila corymbosa (Temple Plant)

Hygrophila difformis (Water Wisteria)

Hygrophila guianensis

Hygrophila lacustris

Hygrophila lancea

Hygrophila longifolia

Hygrophila polysperma

Hygrophila pinatifida

Hygrophila salicifolia

Hygrophila stricta

Hygrophila violacea

Lemna sp.

Lemna gibba

Lemna minor (Duckweed)

Lemna spirodela (great duck weed)

Lemna trisulca

Lomariopsis lineata (Subwassertang)

Prosperpinaca palustris

Plagiochilaceae

Riccia fluitans

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Salvinia sp.

Salvinia auriculata (Butterfly Fern)
Salvinia cucullata
Salvinia minima
Salvinia natans
Salvinia rotundifolia
Salvinia sprucei

Spirodela polyrhiza

Staurogyne sp. 'Porto Velho'

Subularia aquatica

Subwassertang

Synnema triflorum

Taxiphyllum barbieri

Taxiphyllum alternans

Utricularia sp.

Utricularia exoleta
Utricularia gibba

Utricularia minor

Utricularia neglecta

Utricularia vulgaris (bladderwort)

Vallisneria sp.

Vallisneria americana (Jungle Val)

Vallisneria asiatica

Vallisneria *contortionist* (Corkscrew Val)

Vallisneria gigantea (Giant Val)

Vallisneria gracilis

Vallisneria natans (Eel Grass)

Vallisneria neotropalis

Vallisneria portugalensis

Vallisneria spiralis (Italian Val)

Vallisneria tortifolia

Vesicularia dubyana (Java Moss)

Vesicularia ferriei

Wolffia arrhiza (Dwarf Duckweed)

10 Points

Acorus sp.

Acorus calamus
Acorus gramineus
Acorus pusillus
Acorus variegatus

Alternanthera sp.

Alternanthera lilacina
Alternanthera philoeroides
Alternanthera reineckii
Alternanthera roseaefolia
Alternanthera sessilis
Alternanthera violette

Bacopa sp.

Bacopa amplexicaulis

Bacopa caroliniana

Bacopa crenata

Bacopa floribunda

Bacopa lanigera

Bacopa monnieri

Bacopa myriophylloides

Bacopa rotundifolia

Bacopa variegatus

Brasneria schreberi

Cabomba sp.

Cabomba aquatica

Cabomba australis

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Cabomba caroliniana
Cabomba piauhyensis
Cabomba pulcherrima

Cardamine sp.

Cardamine lyrata
Cardamine rotundifolia
Cardamine variabilis

Crassula sp.

Crassula bonariensis
Crassula helmsii
Crassula recurva
Crassula vaillanti

Crinum sp.

Crinum thaianum

Eleocharis sp.

Eleocharis acicularis (Hairgrass)
Eleocharis minima
Eleocharis vivipara

Fontinalis sp.

Fontinalis antipyretica

Glossostigma elatinoides

Hemianthus micranthemoides

Heteranthera sp.

Heteranthera reniformis
Heteranthera zosterifolia (Stargrass)
Heteranthera dubia

Hydrilla verticillata

Hydrocharis marsuranae

Hydrocleys nymphoides

Hydrocotyle sp.

Hydrocotyle leucocephala (Brazilian Pennywort)
Hydrocotyle martima
Hydrocotyle verticillata
Hydrocotyle vulgaris (Umbrella Plant)

Iris pseudacorus

Lilaeopsis novae-zelandiae

Limnobia laevigatum (Amazon Frogbit)

Limnophila sp.

Limnophila aquatica
Limnophila aromatica
Limnophila australis
Limnophila glabra
Limnophila heterophylla
Limnophila indica
Limnophila sessiliflora (Ambulia)

Lindernia rotundifolia

Lobelia sp.

Lobelia cardinalis
Lobelia splendens

Ludwigia sp.

Ludwigia abscendens
Ludwigia alternifolia
Ludwigia arcuata
Ludwigia brevipes
Ludwigia glandulosa
Ludwigia mullertii
Ludwigia ovalis
Ludwigia palustris
Ludwigia repens

Lysimachia nummularia

Mayaca fluviatilis

Micromeria brownei

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Micranthemum tweediei

Myosotis scorp

Myriophyllum sp.

Myriophyllum alterniflorum

Myriophyllum aquaticum (Brazilian Milfoil)

Myriophyllum brasiliense (Parrot Feather)

Myriophyllum heterophyllum

Myriophyllum hippuroides (Red Milfoil)

Myriophyllum matogrossense

Myriophyllum scabratum (Foxtail)

Myriophyllum spicatum (Milfoil)

Myriophyllum tuberculatum

Myriophyllum ussuriense

Myriophyllum verticillatum

Najas sp.

Najas 'roraima'

Najas graminea

Najas guadelupensis

Najas indica

Najas microdon

Nelumbo lutea

Nelumbo nucifera

Nitella flexilis (Stonewort)

Nomaphila augustifolia

Nomaphila stricta

Nymphoides sp.

Nymphoides indica

Nymphoides aquatica (Banana Plant)

Nymphoides humboldtiana

Nymphoides peltata

Nymphoides sp. 'Taiwan'

Potamogeton sp.

Potamogeton crispus

Potamogeton gayi

Potamogeton gramineus

Potamogeton malaianus

Potamogeton mascarensis

Potamogeton natans

Potamogeton oxyphyllus

Potamogeton perfoliatus

Ranunculus inundatus

Rotala sp.

Rotala indica

Rotala macracantha

Rotala rotundifolia

Rotala wallichii

Sagittaria sp.

Sagittaria cuneata

Sagittaria graminea

Sagittaria lancifolia

Sagittaria montevidensis (Arrowhead Sag)

Sagittaria platyphylla

Sagittaria pusilla

Sagittaria sagittifolia

Sagittaria subulata (Dwarf Sag)

Sagittaria weitherbiana

Samolus sp.

Samolus parvifloris (Water Cabbage)

Samolus valerandii

Saururus cernuus

Shinnersia rivularis

Stratiotes aloides

Staurogyne repens

Telanthra lilacina

Thalia

Typha latifolia

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Uticularia exoleta
Uticularia vulgaris

15 Points

Aglaonema simplex

Anubias sp.

Anubias azfelli
Anubias barteri (all varieties)
Anubias coffeafolia
Anubias congensis
Anubias gillettii
Anubias glabra
Anubias gracilis
Anubias hastifolia
Anubias heterophylla
Anubias lanceolata
Anubias nana

Aponogeton sp. (all species NOT Class D)

Bucephalandra sp.

Bucephalandra Akantha
Bucephalandra aurantiithecra
(Bucephalandra Longspath)
Bucephalandra Belindae Diabolica
(Bucephalandra Paris)
Bucephalandra bogneri (Bucephalandra
Serian)
Bucephalandra chimaerae
Bucephalandra Chrysokoupae
(Bucephalandra Marie, Miranda or Julia)
Bucephalandra
Bucephalandra elliptica
Bucephalandra filiformis
Bucephalandra Forcipula (Giant
Bucephalandra)
Bucephalandra Goliath (Bucephalandra
Goliath)
Bucephalandra Kerangas.
Bucephalandra Kishii (Bucephalandra
Skeleton King or Dark Achilles)

Bucephalandra Micrantha
Bucephalandra Minotaur (Bucephalandra
Giant)
Bucephalandra Muluensis
Bucephalandra Oblanceolata
Bucephalandra Oncophora
Bucephalandra Pubes (Sekadau 2)
Bucephalandra Pygmaea (Bucephalandra
Bukit Kelam)
Bucephalandra sordidula (Bucephalandra
Titan)
Bucephalandra Spathulifolia
(Bucephalandra Tebakang)
Bucephalandra Tetana (Bucephalandra
penelope)
Bucephalandra Vespula
Bucephalandra Yengiae
Bucephalandra Magnifolia

Crinum sp.

Crinum calamistratum
Crinum natans
Crinum purpurascens

Cryptocoryne sp.

Cryptocoryne affinis
Cryptocoryne albida
Cryptocoryne aponogetifolia
Cryptocoryne auriculata
Cryptocoryne axelrodii
Cryptocoryne balansae
Cryptocoryne blassii
Cryptocoryne becketii
Cryptocoryne bognerii
Cryptocoryne bullosa
Cryptocoryne ciliata
Cryptocoryne cordata

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Cryptocoryne costata
Cryptocoryne crispatula
Cryptocoryne diderici
Cryptocoryne evae
Cryptocoryne ferruginea
Cryptocoryne fusca
Cryptocoryne gracilis
Cryptocoryne griffithii
Cryptocoryne hejnyi
Cryptocoryne johorensis
Cryptocoryne korthausae
Cryptocoryne legroi
Cryptocoryne lingua
Cryptocoryne longicauda
Cryptocoryne lucens
Cryptocoryne lutea
Cryptocoryne minima
Cryptocoryne moehlmannii
Cryptocoryne nevillei
Cryptocoryne nurii
Cryptocoryne parva
Cryptocoryne petchii
Cryptocoryne pontederifolia
Cryptocoryne purpurea
Cryptocoryne retrospiralis
Cryptocoryne sarawacensis
Cryptocoryne schulzei
Cryptocoryne siamensis
Cryptocoryne spiralis
Cryptocoryne sulphurea
Cryptocoryne thwaitesii
Cryptocoryne tonkinensis
Cryptocoryne undulata
Cryptocoryne usteriana
Cryptocoryne versteegii
Cryptocoryne walkeri
Cryptocoryne wendtii
Cryptocoryne willisii
Cryptocoryne zewaldiae
Cryptocoryne zonata
Cryptocoryne zukalii

Cyperus sp.

Cyperus alternifolius

Didiplis diandra (Water Hedge)

Echinodorus sp.

Echinodorus acicularis
Echinodorus amazonicus
Echinodorus amphibius
Echinodorus angustifolius
Echinodorus argentinensis
Echinodorus aschersonianus
Echinodorus augustifolius
Echinodorus austroamericanus
Echinodorus barthii
Echinodorus berteroi
Echinodorus bleheri
Echinodorus bolivianus
Echinodorus cordifolius
Echinodorus grandiflorus
Echinodorus grisebachii
Echinodorus horemanii
Echinodorus horizontalis
Echinodorus inpai
Echinodorus intermedius
Echinodorus isthmicus
Echinodorus latifolius
Echinodorus longiscapus
Echinodorus macrophyllus
Echinodorus magdalensis
Echinodorus major or maior or martii
Echinodorus muricatus
Echinodorus nyhmphaefolius
Echinodorus opacus
Echinodorus osiris
Echinodorus palaefolius
Echinodorus paniculatus
Echinodorus parviflorus
Echinodorus pellucidus
Echinodorus portoalegrensis
Echinodorus quadricostatus
Echinodorus rigidifolius

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Echinodorus scaber
Echinodorus schlueteri
Echinodorus subulatus
Echinodorus tenellus
Echinodorus uruguayensis

Eichhornia sp.

Eichhornia azurea
Eichhornia crassipes

Eusteralis sp.

Gymnocoronis spilanthoides

Hemianthus callitrichoides

Hottonia inflata
Hottonia palustris

hygroryza aristata

Isoetes sp.

Isoetes echinosperma
Isoetes flaccida
Pistia stratiotes (Water Chestnut/water lettuce)
Pogostemon erectus
Pogostemon stellata (Eusteralis)
Pogostemon yatabeanus
Proserpinaca palustris (Mermaid Weed)

Trapa sp.

Trapa japonica
Trapa natans (Water Chestnut)
Ultramafic Bucephalandra

Isoetes lacustris
Isoetes malinverniana
Isoetes setacea
Isoetes velata

Marsilea sp.

Marsilea brownii (Four Leaf Water Clover)
Marsilea crenata
Marsilea quadrifolia

Microsorium pteropus

Nesaea sp.

Nymphaea sp.

Nymphaea alba
Nymphaea chromatella
Nymphaea colorata
Nymphaea lotus
Nymphaea maculata
Nymphaea masaniello
Nymphaea pubescens
Nymphaea sp. 'Rose Arey'
Nymphaea stellata
Nymphaea tetragona

20 Points

Aldrovanda sp.

Aponogeton sp

Aponogeton abyssinicus
Aponogeton bernieranus
Aponogeton boivianus

Aponogeton capuroni
Aponogeton crispus
Aponogeton distachyos
Aponogeton echinatus
Aponogeton elongatus
Aponogeton fenestrails

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Aponogeton guillotii
Aponogeton henkelianus
Aponogeton longplumulosus
Aponogeton loriae
Aponogeton madagascariensis
Aponogeton monostrachyus
Aponogeton natans
Aponogeton rigidifolius
Aponogeton stachyosporus
Aponogeton ulvaceus
Aponogeton undulatus

Barclaya longifolia

Blyxa SP.

Blyxa echinosperma
Blyxa japonica
Blyxa longifolis

Bolbitis sp

Bolbitis fluviatilis
Bolbitis heteroclita
Bolbitis huedelotti
Bolbitis hydrophylla

Lagenandra sp.

Lagenandra dalzelii
Lagenandra koenigii
Lagenandra lancifolia

Lagenandra meeboldii
Lagenandra ovata
Lagenandra thwaitesii

Nuphar sp.

Nuphar japonica
Nuphar luteum (Spatterdock)
Nuphar pumila
Nuphar sagittifolium

Ottelia sp.

Ottelia alismoides
Ottelia kunenensis
Ottelia muricata
Ottelia ulvifolia

Spiranthes cernua

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Member Name _____
Scientific Name _____
Commercial Trade Name _____
Description of plant _____
Propagation Method: _____
How long have you had this plant? _____
Growing Conditions:
Tank size: gallons _____ height _____ length _____ depth _____
Filter type _____ Water movement? _____
Water temperature _____ pH _____ GH _____ KH _____
Lighting: type and intensity _____ duration _____
Substrate _____ depth _____ Age _____
Fertilizers: _____ frequency _____
CO2 or other carbon enrichment added? _____
Water changes _____ Frequency _____ Amount _____
Fishes and other plants in the tank _____
Other notes: _____

Points may be obtained only once per species /variant/cultivar

Plant photos or articles should be emailed to

bluegrassfishkeepers@gmail.com

HAPC Official Use

Observed Date

Other notes:

Article submitted?

Photo submitted?

Certified by:

Points

Date