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The Fish Culture Section of the American Fisheries Society (AFS) will award a $300 cash prize and a certificate of recognition to the author of the best paper published in the North American Journal of Aquaculture each year, as determined by the Publication Awards Committee of the Society. In addition, certificates may be awarded to the authors of the runner-up papers. Contact the Journals Department (journals@fisheries.org) for details.

FISH CULTURE SECTION
AMERICAN FISHERIES SOCIETY

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The Fish Culture Section (FCS) is open to all members of the American Fisheries Society (AFS) who have an interest in the culture and propagation of fresh water, brackish-water, and marine fish or other aquatic organisms. Voting members of the AFS can enjoy full benefits of FCS membership by paying the $2 Section dues.

Persons holding memberships in other aquaculture organizations are invited to become Affiliate Members of the FCS. An Affiliate Member receives the FCS Newsletter, is encouraged to serve on committees, and is invited to participate in meetings and other activities of the FCS. Affiliate Member dues are $15 for the calendar year.

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Symbols and Abbreviations

The following symbols, abbreviations, and acronyms, along with others that are approved for the International System of Units or that appear in Webster’s Third New International Dictionary or the current edition of Merriam-Webster’s Collegiate Dictionary, may be used without definition. Note, however, that English units may only be used in two AFS journals—the North American Journal of Aquaculture and the North American Journal of Fisheries Management.

### Prefixes
- giga (10⁹) G
- mega (10⁶) M
- kilo (10³) k
- milli (10⁻³) m
- micro (10⁻⁶) μ
- nano (10⁻⁹) n
- pico (10⁻¹²) p

### Time and Temperature
- day d
- hour h
- minute min
- second s
- degrees Celsius (°C)
- degrees Fahrenheit (°F)

### Weights and Measures (Metric)
- catch per unit effort (CPUE)
- centimeter cm
- meter (1.09 yd, 3.28 ft) m
- kilometer (0.622 mi) km
- gram (0.0353 oz) g
- kilogram (2.20 lb) kg
- liter (0.264 gal, 1.06 qt) L
- deciliter dL
- hectare (2.47 acres) ha
- nephelometric turbidity units (NTU)
- practical salinity units (psu)
- fork length FL
- standard length SL
- total length TL

### Weights and Measures (English)
- inch (2.54 cm) in
- foot (30.5 cm) ft
- cubic feet per second ft³/s
- yard (0.914 m, 91.4 cm) yd
- mile (1.61 km) mi
- ounce (28.4 g) oz
- pound (0.454 kg, 454 g) lb
- quart (0.946 L) qt
- gallon (3.79 L) gal

### Mathematics and Statistics
- analysis of variance ANOVA
- analysis of covariance ANCOVA
- base of natural logarithms e
- coefficient of variation (CV, e.g., 100 · SD/mean)
- common test statistics F, t, etc.
- confidence interval CI
- correlation or regression coefficient multiple R
- simple r
- covariance cov
- degree (angular) °
- degrees of freedom df
- expected value E
- logarithm natural log, ln
- base a loga
- minute (angular) ′
- not significant NS
- percent %
- probability P
- probability of type I error P or α
- probability of type II error β
- radian rad
- sample size N or n
- second (angular) ″
- standard deviation SD
- standard error SE
- steradian sr
- variance population V or Var
- sample var

### Physics and Chemistry
- all atomic symbols H, He, etc.
- alternating current AC
- ampere A
- base pairs bp
- becquerel Bq
- calorie (joule preferred) cal
- candela cd
- chemical acronyms in dictionary DDT, EDTA, etc.
- radium rad
- coulomb C
- deoxyribonucleotide dNTP
- triphosphate
- dextro configuration d
- dextrorotary d
- direct current DC
- electron volt eV
- equivalent eq
- farad F
- footcandle (0.0929 lx) fc
- gravity g
- gray Gy
- hertz Hz
- high-performance liquid chromatography HPLC
- horsepower (746 W) hp
- hydrogen ion activity (negative log) pH
- joule J
- levorotary l
- levo configuration l
- mole mol
- normal N
- ohm Ω
- ortho o
- para p
- parts per million (ppm)
- parts per thousand (‰)
- pascal Pa
- passive integrated transponder PIT
- polymerase chain reaction PCR
- polyvinyl chloride PVC
- tesla T
- tris(hydroxymethyl)-aminomethane
- volt V
- watt W
- weber Wb
- General
- American Type Culture Collection ATCC
- colony-forming units CFU
- compass directions (maps and coordinates)
- corporate designations Co.
- Corporation Corp.
- Incorporated Inc.
- Limited Ltd.
- District of Columbia D.C.
- et alii et al.
- et cetera etc.
- et al. et al.
- et cetera etc.
- filial generation F
- geographical information GIS
- Global Positioning System GPS
- international units IU
- months in tables and figures Jan, Feb, Mar, etc.
- plaque-forming units PFU
- sex in tables, figures, and hybrids female ♀
- male ♂
- that is i.e.,
- units U
- United Kingdom UK
- United States USA
- noun
- adjective U.S.

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