

BIOGRAPHY

29 June 2012



Title and name

Dr. Howard I. Browman

Nationality

Canadian

Panel

Animal Health and Welfare (AHAW)

Education

Ph.D., 1989, University of Kansas (USA); M.Sc., 1985, McGill University (Canada); B.Sc., 1982, McGill University (Canada)

Scientific and risk assessment experience

Host-finding in fish parasites

Aquatic animal welfare

Marine policy (ecosystem-based management and protected areas)

Critically evaluating how scholarly performance is measured

Scientific publishing (best practices, editor and author ethics, peer review, open access...)

Main scientific publications

Fish behaviour and physiology

Yacoob, S.Y. & H.I. BROWMAN. 2007. Olfactory and gustatory sensitivity to some feed-related chemicals in the Atlantic halibut (*Hippoglossus hippoglossus*). *Aquaculture*. 263: 303-309.

Yacoob, S.Y. & H.I. BROWMAN. 2007. Prey extracts evoke swimming behavior in the juvenile Atlantic halibut (*Hippoglossus hippoglossus*). *Aquaculture* 270: 570-573.

BROWMAN, H.I. 2005. Applications of sensory biology in marine science and aquaculture. *Marine Ecology Progress Series* 287: 266-269.

BROWMAN, H.I. 1989. The embryology, ethology and ecology of ontogenetic critical periods in fishes. *Brain, Behavior and Evolution* 34: 5-12.

Marcotte, B.M. & H.I. BROWMAN. 1986. Foraging behaviour in fishes: perspectives on variance. *Environmental Biology of Fishes* 16: 25-33

Host-finding in fish parasites

Fields, D., M. Weissburg & H.I. BROWMAN. 2007. Chemoreception in the salmon louse (*Lepeophtheirus salmonis*): an electrophysiological approach. *Diseases of Aquatic Organisms*. 78: 161-168.

BROWMAN, H.I., K. Boxaspen & P. Kuhn. 2004. The effect of light on the settlement of the parasitic salmon louse (*Lepeophtheirus salmonis*) onto Atlantic salmon (*Salmo salar*). *Journal of Fish Diseases* 27: 701-708.

Aquatic animal welfare

BROWMAN, H.I. & A.B. Skiftesvik. 2011. Welfare in aquatic organisms - is there some faith-based HARKing going on here? *Diseases of Aquatic Organisms* 94: 255-257.

BROWMAN, H.I. & A.B. Skiftesvik. 2007. Moral, ethical and scientific aspects of welfare in aquatic organisms. *Diseases of Aquatic Organisms* 75: 85.

BROWMAN, H.I. & A.B. Skiftesvik (Eds.). 2007. Welfare in aquatic organisms. *Diseases of Aquatic Organisms* 75(2).
