

# Angling

## Web Resources

Hauber AB, Parsons GR (2000) **The effect of nesting structure specification on welfare estimation in a random utility model of recreation demand: an application to the demand for recreational fishing.** *American Journal of Agricultural Economics*. 82 (3):501-514.

NAL Call No. 280.8 J822

*Descriptors:* angling, welfare economics, demand, statistical analysis – utility functions, salmon, trout, bass, access

Konigs E (1988) **Tierschutzaspekte im Fischereirecht [Animal welfare aspects of angling.]** *Deutsche Tierärztliche Wochenschrift*. 95(2):58-60 (In German)

NAL Call No. 41.8 D482

*Descriptors:* animal welfare, fishes, aquatic animals

Leeuw AD de (1996) **Contemplating the interests of fish: the angler's challenge.** *Environmental Ethics* 18(4):373-390. British Columbia Ministry of Environment, Lands, and Parks.

NAL Call No. GF80.E5

*Descriptors:* game fishes, angling, sportsmen, ethics, hunting, comparisons, recreation, autecology, animal welfare

Neukirch M (1988) **Sportfischerei und Tierschutz [Sport fishing and animal welfare].** *Deutsche Tierärztliche Wochenschrift*. 95(2):63-64. (In German)

NAL Call No. 41.8 D482

*Descriptors:* animal welfare, fishes, aquatic animals

Schulz U (1995) **Elektrofischerei unter Tierschutzaspekten. [Electrofishing from animal welfare aspects.]** *Deutsche Tierärztliche Wochenschrift*. 102(3):125-127.

Fischereiforschungsstelle des Landes Baden-Württemberg. DTW.

NAL Call No. 41.8 D482

Through improper application of electrofishing techniques fish may be harmed severely. The injuries can range from inner bleeding to broken vertebrae. Due to these possible injuries each

electrofishing procedure requires approval of the fisheries authorities. Only persons with a special license are allowed to fish with electricity. The fisheries authorities only approve electrofishing for reasons stated in the fisheries laws. If an application to fish with electricity is approved, the permission is restricted to certain persons, certain equipment units, certain stretches of water and clearly outlined goals. Damages to fish can be reduced to a minimum by the strict regulations of the fisheries authorities and by the training of the fishermen.

*Descriptors:* animal welfare, methods, injuries, legislation and jurisprudence, electric stimulation

Zemke P (1994) **Probleme des Tierschutzes in der Angelfischerei. [Animal protection in game fishing].** *Deutsche Tierärztliche Wochenschrift.* 101(5):175-177 (In German)  
NAL Call No. 41.8 D482

The legislative frame of animal welfare in fishing is built by the German Animal Protection Act. It is completed by different States' legislation on fishing, which essential parts are based on a number of judicial decisions concerning this subject. To be acquainted with the legal directions is of course a necessity for game fishers. Nevertheless, the real attitude in conformity with the rules of animal protection is determined by a comprehensive knowledge of the species fish and its aqueous biotope. In the Federal Republic of Germany an official fishing license is acquired after a special examination, which gives certain guarantee of experience in this field. In practice, however, a lot of deficiencies are observed in handling this vertebrate. As a consequence, we seek a game fisher who is familiar with our native fish fauna and its biotope, who is responsible with the fish creatures and aims at maintaining a healthy and species-rich fish stock in our waters.

*Descriptors:* fishes, game fishes, fishermen, line fishing, animal welfare, anglerfish, legislation, fishing methods, occupations, saltwater fishes, legal aspects, fishery protection, game, fish, biotopes, licences, animal welfare

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## ***Web Resources:***

### **Animal Welfare Aspects of Recreational Fishing**

<http://www.ssaa.org.au/fish.html>

### **Welfare of Angled Fish**

#### **Pain and Fish Welfare**

<http://www.vet.ed.ac.uk/animalwelfare/Fish%20pain/welfare.htm#ANGLED>

### **The Welfare of Our Fish**

#### **Keith's Angling Pages**

<http://www.keithshomepage.currantbun.com/welfare.htm>

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