

## **Knappach Anglers Permit Declaration --Gyrodactylus salaris**

Gyrodactylus salaris is an extremely dangerous parasite and the Knappach Beat is taking the most careful steps to make sure it does not enter it's waters. As such it is adopting the following rigorous procedures, which we are sure you will support.

### **What are the risks?**

*G. salaris* has been shown to survive away from a live fish host for five-seven days at ambient river temperatures and for 78 hours and 42 hours at salinities of 10 ppt (parts per thousand) and 20 ppt, respectively. Risk is associated with movement of materials (animate and inanimate) that can carry low salinity water, which have recently been in contact with infected fish, and which have been kept in cool conditions sufficient to permit the temporary survival of the parasite away from live fish. Equipment or product that has been kept cool and damp and is transferred rapidly (within one week) may present high levels of risk.

This parasite has destroyed the Salmon stocks of over 20 rivers in NORWAY. It was introduced to the Atlantic coast of Norway on Baltic Sea salmon taken to fish farms there. Baltic Salmon are immune to it, Atlantic Salmon are not – and tests have shown that Scottish Atlantic Salmon are destroyed by it just as easily as Norwegian.

It is also indigenous to, or has been spread to RUSSIA, FINLAND, SWEDEN, GERMANY, FRANCE, SPAIN and PORTUGAL, largely through fish-farm movements of Rainbow Trout.

It is a minute, external parasite, less than half a millimetre long and can live off fish, in the gravel, for a considerable time, making it (as yet) impossible to eradicate from any river. Desperate methods being used in Norway involve poisoning all the fish in a river and leaving it fallow for several months at least to try and break the cycle. No successes have yet been reported.

If this parasite gets into our waters **it means the end of our Salmon**. Therefore we require you to sign the attached declaration before you arrive to fish.

**Prior to being granted authority to fish you are required to comply with the requirements of one of the declarations shown, please send a copy of this declaration to**

**Julia Fleming**  
**5 Turnstone Court,**  
**Newtownhill ,**  
**Stonehaven,**  
**AB39 3XG**

### **DECLARATION BY ANGLER**

**A:** I declare that none of my fishing equipment has been outside the United Kingdom in the 3 months prior to the commencement of fishing on Knappach waters, on .....(Insert date)

Signed: ..... Print Name: .....

Print Address .....

.....

**B:** I declare that my fishing equipment **has** been used outside the United Kingdom in the 3 months prior to the commencement of fishing at Knappach, on .....(Insert date) and that it has been properly sterilized adopting one of the following methods. (Tick as appropriate)

Please tick	
Method A: Drying to a minimum of 20 degrees for at least 2 days	
Method B: Heating to above 60 degrees for at least one hour	
Method C: Deep freezing for at least one day	
Method D: Immersion of materials in a solution of, or addition of one of the following chemicals to water to the concentration indicated for a <b>minimum of 10 minutes</b>	
¾ Virkon 1%	
¾ Wescodyne 1%	
¾ Sodium chloride (common salt) 3%	
¾ Sodium hydroxide 0.2%	

*NB The chemicals above may be available from agricultural chemical suppliers; the use of trade names is for illustrative purposes only and does not imply endorsement of any particular product; users should check that their use does not damage their equipment.*

Signed: ..... Print Name: .....

Print Address .....  
 .....

**AUTHORITY TO FISH WILL NOT BE ISSUED UNLESS THE  
 REQUIREMENTS OF "A" OR "B" ARE MET.**