



INSTITUTE OF
FISHERIES MANAGEMENT

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SOUTHERN BRANCH

**SITE VISIT – FRESHWATER BIOLOGICAL
ASSOCIATION**

Saturday 25th April 2009 - 1pm

The fish ecology group at the FBA laboratory has undertaken work on freshwater fish populations for more than 40 years. The long-term dataset (1973 to present) on adult salmon counts and smolt counts (1995 to present) in the River Frome comprises one of the most complete data sets of information regarding salmon in the country. The data has provided uncontroversial evidence of the population crash since 1990 and acts as the core metric for our continuing work on the migratory behaviour and population ecology of this fish in freshwater.

Salmonids have complicated life-history strategies; the manifestations of which are of major bio-diversity and economic interest. For Atlantic salmon an overall decline in number has coincided with a shift towards a higher proportion of fish spending less time at sea and returning to freshwaters at a smaller size. An ongoing study involves PIT tagging 10,000+ salmon parr per year in the autumn: PIT tag readers on both the smolt and adult counters allows the individuals to be monitored at important stages in their life cycle. This research will help improve our predictions of the impacts of management and conservation measures as well as climate change

The visit coincides with the smolt migration season, so come along and learn even more about the research at the labs. When combined, the facilities give an unrivalled opportunity to explore the stock-density relationships of salmon and to examine environmental influences affecting the riverine component of the salmon population at a catchment scale.

To confirm your place please contact Hannah Wright. Contact details are:

Hannah Wright





E-mail: Hannah.wright@environment-agency.gov.uk

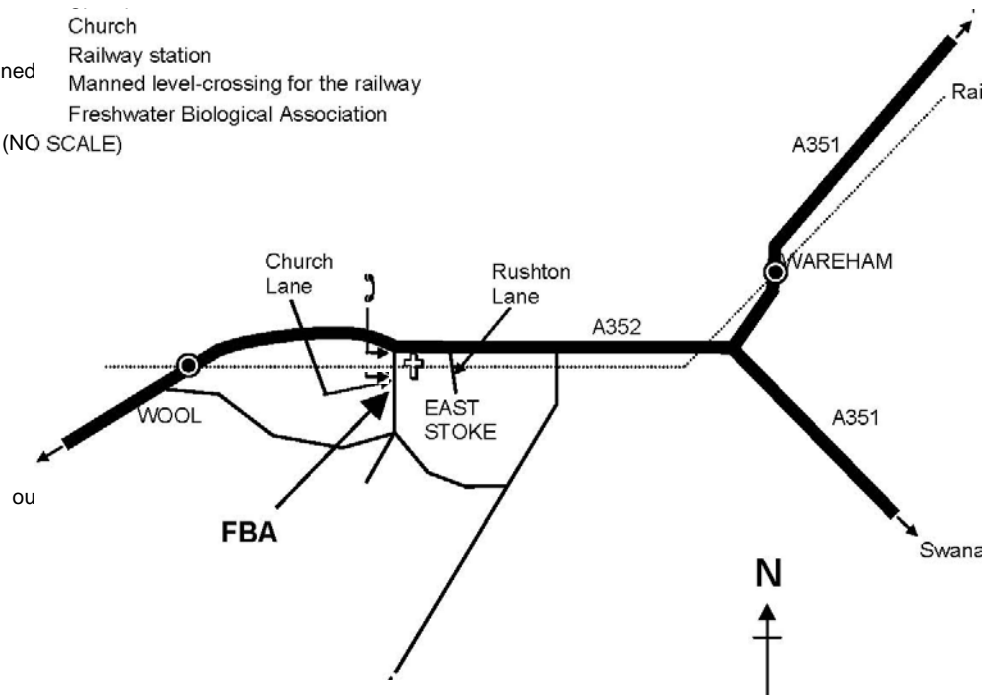
Tel: 01962 764794

Mobile: 07979 204 004

FBA EAST STOKE Location Map and Directions

KEY TO MAP:

-  Church
 -  Railway station
 -  Manned level-crossing for the railway
 -  Freshwater Biological Association
- (NO SCALE)



By road

The Freshwater Biological Association is located just outside the village of East Stoke – a small hamlet approximately 4.5 miles (c. 7.3 km) west of Wareham. Approaching from the east on the A352 from Wareham, take the first turn left after the church, onto Church Lane. Cross the railway lane at the manned level-crossing (if the barrier is down, wait for a member of the railway staff to open it) and cross the River Frome. The Freshwater Biological Association is the first turn on the right.

By rail

The nearest train stations are at Wool (approx. 2 miles) and Wareham.

Address

Freshwater Biological Association
East Stoke
WAREHAM
Dorset, BH20 6BB, UK

Tel: +44 (0) 1929 405111

Institute of Fisheries Management - Southern Branch
SUBSCRIPTION RENEWAL / MEMBERSHIP APPLICATION FORM

PLEASE RETURN TO

Jon Milliken, 62 Honeysuckle Close, Winchester, Hampshire SO22 4QQ

I enclose my subscription for renewal / membership of the Southern Branch for 2009.

(please tick as appropriate:---)

- Subscriptions are:
- 1. Member (must be Member of IFM) £3
 - 2. Friend of the Southern Branch £5
 - 3. Student Free
 - 4. Club membership £15

Name

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Post Code Phone

E-Mail.....