

## 8 References

A significant amount of data was provided by Forestry England in the form of survey reports, survey notes, spreadsheets containing raw data, photographs, timelapse camera footage, maps and GIS shape files. All this data was evaluated as part of the project. The key data sources that were selected and used for the compilation of this report are listed below.

APEM Fish Data, 2014 (Excel spreadsheets)

John Davy-Bowker (FBA), Simon Pawley (FBA), Melanie Fletcher (FBA), Adrian C. Pinder (BUG), **Freshwater invertebrate biodiversity surveys in the New Forest, April 2015 - May 2016** AG00300016, Higher Level Stewardship Agreement The Verderers of the New Forest, July 2016

Dr Andy Harrison, Adrian Pinder, **Fish population and spawning surveys in eight New Forest streams, September – December 2016** ,Higher Level Stewardship Agreement, The Verderers of the New Forest AG00300016, March 2017

Harrison A., Pinder A. and Davy-Bowker J. (2018) **Macroinvertebrate, fish population and spawning surveys in six New Forest streams, September – December 2017**. BU Global Environmental Solutions (BUG) report (BUG2780) to Forestry Commission. 108 pp. Higher Level Stewardship Agreement The Verderers of the New Forest AG00300016.

Dr Andy Harrison, John Davy-Bowker and Adrian Pinder, **Macroinvertebrate, fish population and spawning surveys in six New Forest streams, September – December 2018**, Higher Level Stewardship Agreement The Verderers of the New Forest AG00300016 March 2019

Harrison A., Pinder A. and Davy-Bowker J., **Macroinvertebrate and fish population surveys in eleven New Forest streams, September 2019**, Higher Level Stewardship Agreement, The Verderers of the New Forest AG00300016 January 2020 (Draft report)

Dr D. J. Solomon & Dr G. W. Lightfoot, 2008, **The thermal biology of brown trout and Atlantic salmon**, Environment Agency

Robert G. Titus, (1990), **Territorial behavior and its role in population regulation of young brown trout (*Salmo trutta*): new perspectives** *Annales Zoologici Fennici* ,Vol. 27, No. 2, Behaviour of fish – ecological consequences: Symposium held at Tvärminne Zoological Station, on 2 to 6 October 1989 (1990), pp. 119-130

Marler, Amanda, (2019) - New Forest Vegetation Field sheets, New Forest Transects & Explanatory Notes

Footprint Ecology Vegetation Data (2018) – Vegetation Survey Sheets & Images

Langford T.E. (1996), **'Ecological aspects of New Forest Streams draining on of Britains unique areas New Forest Streams'**, *Freshwater Forum Vol 6*

S S C Harrison, I T, B Harris & P D Armitage **The Role of Bankside Habitat in River Ecology, The Importance of Riparian and Marginal Vegetation on the Distribution and Abundance-of Aquatic Invertebrates**, R&D: Technical Report W198, Environment Agency

Forestry England Dataframes (Excel spreadsheets):

- 360\_DF
- Fish\_DF
- Geo-morph\_DF
- Vegetation\_DF
- Water Chem\_DF

Forestry England, (2020), New Forest Higher Level Stewardship Scheme - Water Level Analysis of Pondhead and Wootton

Forestry England – Timelapse Camera Footage from Amberwood, Millersford, Pondhead & Wootton

J Smith (2006), **New Forest Wetland Management Plan 2006-2016**, LIFE02/NAT/UK8544 April 2006

**Definition of Water Quality Parameters (internet summary)** - Source: *Testing the Waters: Chemical and Physical Vital Signs of a River* by Sharon Behar. Montpelier, VT: River Watch Network, 1997. ISBN 0787234923

Forestry England (2020) – Analysis of riverfly data from New Forest Streams

Forestry England (2020) – Master Index - Analysis of Geo-MoRPh data from New Forest Streams

Forestry England (2017) – Vegetation Transects Methodology

### **Internet Sites**

Riverfly.co.uk

Riverflies.org

Modularriversurvey.org