Affiliate Publications
Available through the FBA

Ref: Tarns
Tarns of the Central Lake District
by E. Haworth, G. de Boer, I. Evans, H. Osmaston, W. Pennington, A. Smith, P. Storey & B. Ware, 2003
Size 244 x 172 mm, 204pp., ISBN 0 90601517 0
Published by Brathay Exploration Group Trust, Ambleside, Cumbria.
Depth charts of the 50 larger tarns (small lakes) of the Lake District which have been standardised from surveys made by Brathay between 1947 & 1985; set in context by what is known of the tarn and its setting, together with a general introduction to history & geography of the area.

Ref: Tarns of the Fells
Tarns of the Fells: Celebrating Cumbria’s Mountain Landscapes.
Size 210 x 210 mm, 44 pp., ISBN 0 9540506 2 2
Although tarns are synonymous with the Lake District, they occur across Cumbria and this book celebrates these areas of open water and the diversity of life within them. Produced by a partnership of conservation trusts (the Cumbria Wildlife Trust, the Freshwater Biological Association and the Friends of the Lake District), this beautifully illustrated book brings together aspects of the origin of tarns, their natural history and their roles in art, literature and history.

Ref: Tarns of the Fells

CCAP publications
CCAP-CAlg. Culturing Algae – A Guide for Schools and Colleges
Packed with information on handling and maintaining micro-algae in schools and colleges, including simple methods for preparation, growth and expressing results.

CCAP-FGym. A New Key to Freshwater and Soil Gymnamoebae
by F.C. Page, 1968, 122pp, A4, ISBN 1 871105 02 1
A successor to F.C. Page’s 1976 key (FBA Scientific Publication No. 34), incorporating subsequent changes in taxonomy. (See also FBA Scientific Publication 34).

CCAP-MGym. Marine Gymnamoebae
An invaluable source book for the investigation of naked lobose amoebae in the marine environment.

CCAP-Cryo. An Introduction to Cryopreservation in Culture Collections
Storage under liquid nitrogen is a standard method for long-term maintenance of a large variety of cell types and tissues. This book investigates many aspects of the freezing and thawing processes.

CCAP-PPro. Parasitic Protozoa in British Wild Animals
This booklet illustrates the extent of parasitic protozoa in the British wild fauna.
Excellence in Scientific Publishing

For over 70 years the Freshwater Biological Association has published books on freshwater biology designed for the researcher, student, professional or enthusiast. Written by leading scientists and practitioners and edited by the FBA, the FBA's range includes keys and guides to the identification of individual species, genera and families of organisms (including the definitive identification guides to much of the freshwater fauna of Britain and Ireland), as well as reference books of a more general nature.

Scientific (SP) Series: Practical guides – mostly keys to the identification of freshwater organisms, many of which also include ecological notes, but also analysis guides offering practical advice on scientific methods.

Occasional (OP) Series: Bibliographies, datasets and user manuals.

Special (SPEC) Series: Miscellaneous titles – mostly reference books, covering a wide range of freshwater topics.

We also sell a few titles from other publishers (listed here under 'Affiliate Publications').

Unless stated otherwise: Scientific and Occasional Publications are A5 printed booklets, bound between soft covers; Affiliate Publications (titles by other publishers) and Special Publications are various formats up to A4 in size, bound between soft covers.

Discounts

FBA Members and booksellers are entitled to a 25% discount on publications, except where stated otherwise. Why not join the FBA and take advantage of this discount and other benefits, including a free newsletter, discounts on our journal Freshwater Reviews, discounts and information on scientific meetings and courses, discounted access to a world-renowned freshwater library, and eligibility for the annual 'Hugh Cary Gilson Memorial Award'?

How to Order

Publications may be purchased at our online shop (https://www.fba.org.uk/shop); if you are eligible for a discount and do not have a discount code, please contact the address below. For those preferring to order by post/fax, full details of how to order, including postage rates and a printable order form, can be found on the FBA web site (www.fba.org.uk/fbapub.html); credit card orders can also be placed over the phone. Booksellers are entitled to free postage for orders of £50 or more (except on online shop). Standing orders can be placed for each of our series: please contact the address below.

The Freshwater Biological Association,
The Ferry Landing, Far Sawrey, AMBLESIDE, Cumbria, LA22 0LP, United Kingdom.
Tel: + 44 (0) 15394 42468  Fax: + 44 (0) 15394 46914
Email: publications@fba.org.uk  Web: www.fba.org.uk

A Company Limited by Guarantee, Registered No. 263162, England, Registered Charity No. 214440

Freshwater Forum special issues

ISSN 0961-4664.

First published in 1991, Freshwater Forum was the regular FBA Members’ journal until 2007 and is now an intermittent publication for conference proceedings and special thematic issues. Articles are available online to FBA members at the FBA journal website www.fba.org.uk/journals, with many articles also open access. Print copies can also be ordered at the prices below (for list of contents, see journal website).

edited by D.W. Sutcliffe
Contributions from a workshop held in Enniskillen, Northern Ireland, June 2000.
£12.00

FF17. European temporary ponds: a threatened habitat.
edited by K.J. Rouen & D.W. Sutcliffe
£10.00

FF20. Recent Research in the African Great Lakes: fisheries, biodiversity and cichlid evolution
by R.H. Lowe-McConnell
2003, 64pp.
£10.00

FF23. New Tools for Monitoring, Modelling & Management of Fresh Waters
edited by K.J. Rouen & D.G. George
Contributions from a conference held in Seville, Spain, November 2002.
£20.00

FF25. The Ecology of Bassenthwaite Lake (English Lake District)
by S.J. Thackeray, S.C. Maberly & I.J. Winfield
2006, 80pp.
£10.00

FF28. The Effects of Catchment Management on Stream Process and Condition
edited by K.J. Rouen & P.D. Armitage
2010, 93pp.
£12.00

Affiliate Publications

Available through the FBA

Ref: Britain's Dragonflies
Britain’s Dragonflies: A Field Guide to the Damselflies and Dragonflies of Britain and Ireland
by D. Smallshire & A. Swash, 2010, Second Edition
Size 210 x 150 mm, 208pp., ISBN 978 1 903657 29 4
Softback with plastic cover.
A comprehensive photographic guide, published by WILDGuides.
£17.95

Ref: Windermere Ferry
The Windermere Ferry: History, Boats, Ferrymen and Passengers
by D. White
2002
Size 238 x 164 mm, 110pp., ISBN 0 9540497 1 3
Published by Helm Press.
Limited stock: contact the FBA to reserve a copy, before ordering.
£9.50
### Occasional Publications (OPs)

**OP 21. Major Ions in Streams**
£8.00

**OP 22. Air Lift Sampler**
£5.00

**OP 23. Cadmium**
Environmental Effects of Cadmium in Fresh Water: a Bibliography  
£8.00

**OP 24. Lake District Waters**
Lake District Waters: an Index and Bibliography of Scientific Research  
£9.00

**OP 25. Hydraulic Resistance**
Bibliography of the Hydraulic Resistance or Roughness of Vegetated Water Courses  
£7.00

**OP 26. N.E. River Temperatures**
Water Temperature Data from Streams and Rivers in North Eastern England  
£6.00

**OP 27. Freeze Sampler**
The FBA Freeze Sampler: User Manual  
£5.00

**OP 28. Desmid Checklist**
A Check-List of Desmids of the British Isles  
£10.00

**OP 29. Water Temperature Measurement**
Measurement of Stream Water Temperature and Biological Applications to Salmonid Fishes, Grayling and Dace (Including Ready Reckoners for Calculating Median Eying, Hatching and Swim-Up of Embryos, and Growth Rates, Maximum, Optimum and Maintenance Rations for Brown Trout at Various Temperatures)  
£12.00

**OP 30. Bibliography of Benthic Samplers**
A New Bibliography of Samplers for Freshwater Benthic Invertebrates  
£12.00

**OP 31. Bibliography of the Ruffe**
An Indexed Bibliography of the Ruffe Gymnocephalus Cernuus (L.) (Percidae): a Carnivorous Freshwater Fish Threatening Rare Fishes following Recent Introductions in Britain, Europe and North America  
£12.00

**OP 32. Published Work on Freshwater Science from the FBA, IFE and CEH**
Published Work on Freshwater Science from the Freshwater Biological Association, Institute of Ecology and Centre for Ecology and Hydrology, 1929-2006  
A free copy can be downloaded from www.fba.org.uk  
£7.50

Note 1: Data are given for 15 lakes.

Note 2: Suitable for amateur microscopists starting to study amoebae, but professional workers may find it necessary to refer also to A New Key to Freshwater and Soil Gymnamoebae, with Instructions for Culture, by F.C. Page. Available through the FBA. See back page, reference CCAP-FGym.

### Scientific Publications (SPs)

**SP 5. Cladocera**
A Key to the British Species of Freshwater Cladocera, with Notes on their Ecology  
by D.J. Scourfield & J.P. Harding  
£10.00

**SP 13. Gastropods**
A Key to the British Fresh- and Brackish-Water Gastropods, with Notes on their Ecology  
by T.T. Macan  
£7.00

**SP 17. Stoneflies**
A Key to the Adults and Nymphs of the British Stoneflies (Plecoptera), with Notes on their Ecology and Distribution  
by H.B.N. Hynes  
Facsimile reprint 2012  
£8.00

**SP 18. Copepods**
A Key to the British Freshwater Cyclopoid and Calanoid Copepods, with Ecological Notes  
by J.P. Harding & W.A. Smith  
Out of print – photocopy available  
£6.00

**SP 25. Statistical Analysis**
Some Methods for the Statistical Analysis of Samples of Benthic Invertebrates  
by J.M. Elliott  
£12.00

**SP 29. Turbulence**
Turbulence in Lakes and Rivers  
by I.R. Smith  
£6.00

**SP 30. Hyphomycetes**
An Illustrated Guide to Aquatic and Water-Borne Hyphomycetes (Fungi Imperfecti), with Notes on their Biology  
by C.T. Ingold  
£10.00

**SP 33. Depth Charts (See note 1)**
Depth Charts of the Cumbrian Lakes  
by A.E. Ramsbottom  
£3.00

**SP 34. Amoebae (See note 2)**
An Illustrated Key to Freshwater and Soil Amoebae, with Notes on Cultivation and Ecology  
by F.C. Page  
£10.00
<table>
<thead>
<tr>
<th>ID</th>
<th>Title</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Scientific Publications (SPs)</td>
<td></td>
</tr>
<tr>
<td>SP 36.</td>
<td>Water Analysis: Some Revised Methods for Limnologists</td>
<td>£14.00</td>
</tr>
<tr>
<td>SP 38.</td>
<td>Rotifers</td>
<td>£10.00</td>
</tr>
<tr>
<td>SP 39.</td>
<td>Estimating Microbial Numbers</td>
<td>£10.00</td>
</tr>
<tr>
<td>SP 40.</td>
<td>Leeches</td>
<td></td>
</tr>
<tr>
<td>SP 42.</td>
<td>Desmids (See note below)</td>
<td></td>
</tr>
<tr>
<td>SP 44.</td>
<td>Diatom Frustules</td>
<td></td>
</tr>
<tr>
<td>SP 45.</td>
<td>Orthocladiinae Larvae (Chironomidae)</td>
<td></td>
</tr>
<tr>
<td>SP 46.</td>
<td>Parasitic Copepods</td>
<td></td>
</tr>
<tr>
<td>SP 47.</td>
<td>Adult Mayflies (Ephemeroptera)</td>
<td></td>
</tr>
<tr>
<td>SP 48.</td>
<td>Mosquitoes (Culicidae)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Scientific Publications (SPECs)</td>
<td></td>
</tr>
<tr>
<td>SPEC 14.</td>
<td>Algae of South Wales</td>
<td>£20.00</td>
</tr>
<tr>
<td>SPEC 15.</td>
<td>The World of Lakes</td>
<td>£25.00</td>
</tr>
<tr>
<td></td>
<td>Occasional Publications (OPs)</td>
<td></td>
</tr>
<tr>
<td>OP 1.</td>
<td>Mites</td>
<td>£5.00</td>
</tr>
<tr>
<td>OP 8.</td>
<td>Windermere Chemistry</td>
<td>£4.00</td>
</tr>
<tr>
<td>OP 10.</td>
<td>Deforestation</td>
<td>£7.00</td>
</tr>
<tr>
<td>OP 16.</td>
<td>Major Ions in Lakes</td>
<td>£8.00</td>
</tr>
<tr>
<td>OP 17.</td>
<td>Protozoa</td>
<td>£8.00</td>
</tr>
<tr>
<td>OP 18.</td>
<td>Aquatic Macrophytes</td>
<td>£12.00</td>
</tr>
<tr>
<td>OP 19.</td>
<td>River Frome Fish</td>
<td>£7.00</td>
</tr>
</tbody>
</table>

Note: A limited number of original copies with slight cover damage are available at the same price as the facsimile reprint, £9.00 (discount not applicable). Please specify when ordering if you would prefer one of these.
**Special Publications (SPECs)**

**SPEC 9. Microbial Diversity in Priest Pot**

Microbial Diversity in Priest Pot: a Productive Pond in the English Lake District

by B.J. Finlay & S.C. Maberly, 2000
Size 246 x 174 mm, 73pp., ISBN 978-0-900386-64-0
Published in collaboration with the NERC Centre for Ecology and Hydrology.
A summary of current knowledge and understanding of the complex interrelationships that exist between micro-organisms and the environment in Priest Pot – a small, shallow pond in the English Lake District which has been studied for 50+ years.£ 24.00

**SPEC 10. Phytoplankton of Windermere**

The Phytoplankton of Windermere (English Lake District)

by C.S. Reynolds & A.E. Irish, 2000
Size, 246 x 174 mm, 73pp., ISBN 978-0-900386-65-7
Published in collaboration with the NERC Centre for Ecology and Hydrology.
A factual guide to almost a century’s work on the phytoplankton of Windermere.£ 24.00

**SPEC 11. Windermere**

Windermere: Restoring the Health of England’s Largest Lake

by A.D. Pickering, 2001
Size 246 x 171 mm, 126 pp., ISBN 978-0-900386-68-8
Published on behalf of The Lake District Still Waters Partnership.
A description of the ecology and recent post-glacial history of Windermere, the efforts made to maintain biodiversity, and what the future holds for the lake. Includes over 75 colour illustrations.£ 12.00

**SPEC 12. Testate Amoebae**

Guide to the Identification of Soil Protozoa – Testate Amoebae

by K.J. Clarke, 2003
Published in collaboration with NERC Centre for Ecology and Hydrology, Windermere.
A revised key to the testate amoebae described also occur in freshwater environments – particularly where there is little flow of water. The guide serves as a useful introduction to FBA Scientific Publication 34 and A New Key to Freshwater and Soil Gymnamoebae, with Instructions for Culture, by F.C. Page.£ 10.00

**SPEC 13. Chironomid Exuviae**

A Guide to the Identification of Genera of Chironomid Pupal Exuviae Occurring in Britain and Ireland (Including Common Genera From Northern Europe) and Their Use in Monitoring Lotic and Lentic Fresh Waters

by R.S. Wilson & L.P. Russ, 2006
This guide provides a series of multiple-choice keys for identifying the pupal exuviae of 145 genera and more than 100 selected species of Chironomidae.£ 23.00

---

**Scientific Publications (SPs)**

**SP 50. Adult Waterbus**

Adults of the British Aquatic Hemiptera Heteroptera: a Key with Ecological Notes

by A.A. Savage
£ 14.00

**SP 52. Malacostracan Crustaceans**

British Freshwater Crustacea Malacostraca: a Key with Ecological Notes

by T. Gledhill, D.W. Sutcliffe & W.D. Williams
£ 17.00

**SP 53. Caseless Caddis Larvae (Trichoptera)**

A Revised Key to the Caseless Caddis Larvae of the British Isles, with Notes on their Ecology

by J.M. Edington & A.G. Hildrew
Facsimile reprint 2012
£ 9.00 discount not applicable

**SP 55. Simuliidae**

Last-Instar Larvae and Pupae of the Simuliidae of Britain and Ireland: a Key with Brief Ecological Notes

by J. Bass
Facsimile reprint 2012
£ 9.00 discount not applicable

**SP 56. Dixidae and Thaumaleidae**

British Dixidae (Meniscus Midges) and Thaumaleidae (Trickle Midges): Keys with Ecological Notes

by R.H.L. Disney
£ 20.00

**SP 57. Larval Corixidae**

Keys to the Larvae of British Corixidae

by A.A. Savage
£ 14.00

**SP 58. Triclads**

A Key to the Freshwater Triclads of Britain and Ireland, with Notes on their Ecology

by T.B. Reynoldson & J.O. Young
£ 16.00

**SP 59. Microturbellarians**

Keys to the Freshwater Microturbellarians of Britain and Ireland, with Notes on their Ecology

by J.O. Young
£ 20.00

**SP 60. Coarse Fish Larvae**

Keys to Larvae and Juvenile Stages of Coarse Fishes from Fresh Waters in the British Isles, by A.C. Pinder
£ 22.00

**SP 61. Case-bearing Caddis Larvae**

Keys to the Case-Bearing Caddis Larvae of Britain and Ireland

by I.D. Wallace, B. Wallace & the late G.N. Philipson
£ 25.00
Our latest title...

**SP68**

Guide to Freshwater Invertebrates
by M. Dobson, S. Pawley, M. Fletcher & A. Powell
2012, size 201 x 143 mm, hardback, 216pp.
ISBN 978-0-900386-80-0
£33.00

A guide to the identification of invertebrates occurring in Britain and Ireland.

For differences between this and SP67, look up SP68 on either the FBA website (www.fba.org.uk/fbapub.html) or our online shop (https://www.fba.org.uk/shop).

---

**Special Publications (SPECs)**

**SPEC 3. Eutrophication**
Eutrophication: Research and Application to Water Supply
edited by D.W. Sutcliffe & J.G. Jones, 1992
Size 245 x 170 mm, 224pp., ISBN 978-0-900386-52-7
Invited papers from speakers at a specialised joint FBA and IWSA conference held in December 1991. Theory and its application to management in Belgium, Britain, Denmark, France, Germany, Switzerland and The Netherlands.
£24.00

**SPEC 5. Microbiological Quality of Water**
The Microbiological Quality of Water
edited by D.W. Sutcliffe, 1997
Size 245 x 170 mm, 144pp., ISBN 978-0-900386-57-2
Invited papers from speakers at a specialised conference held in London, December 1995, by the FBA and IWSA. The conference programme combined a balance between theory and its application to management.
£32.00

**SPEC 6. English Lakes: Summary and Source Book**
Some English Lakes as Diverse and Active Ecosystems: a Factual Summary and Source Book
compiled and edited by J.F. Talling, 1999
A concise summary of scientific studies on the lakes and tarns of the English Lake District (Cumbria), with 506 numbered references.
£12.00

**SPEC 7. Aquatic Life Cycle Strategies**
Aquatic Life Cycle Strategies: Survival in a Variable Environment
Published by the Marine Biological Association of the UK.
Size 240 x 163 mm, vii + 149pp., ISBN 0 903241 07 2
Invited papers from speakers at a specialised conference held at the University of Plymouth in April 1997 by the FBA, MBA and SAMS.
£20.00

**SPEC 8. Assessing the Biological Quality of Fresh Waters**
Assessing the Biological Quality of Fresh Waters: RIVPACS and Other Techniques
Size 250 x 170 mm, 400pp., ISBN 978-0-903866-62-6
This book presents an account of developments in predictive bioassessment systems for classifying and monitoring fresh waters, based on macroinvertebrates. It is based on an international workshop of invited scientists from 23 countries that took place in Oxford in 1997.
£16.00 softback
£40.00 hardback

---

**Colour Poster: Blue Green Algae**
An attractive and informative full colour poster, printed on glossy art paper, 51 x 66 cm (2 x 3 ft) vertical dimensions, with 12 colour photographs by Hilda Canter-Lund and brief notes by J.W.G. Lund. Posters cost £3.00 each, dispatched rolled in a cardboard tube which can accommodate up to 5 posters. Please note: discount is NOT available on posters. Postage is charged at the same rate as a single book.