

Archetype

Contents:

Moving pictures: the world of meaning of
two meadow butterflies

Daniel Kuster and Johannes Wirz

The marbled white butterfly (*Melanargia galathea*)
in ecologically different farmland habitats

Johannes Wirz and Daniel Kuster

The fortnightly tree bud rhythms of Lawrence Edwards

Nick Kollerstrom

Science Group of the Anthroposophical Society in Great Britain

The group exists to promote an understanding of scientific method and results, broadened and deepened by spiritual science; to maintain contacts among those with similar interests; to encourage collaboration and to publish and translate important contributions. The group publishes a newsletter twice a year which includes details of forthcoming meetings and courses, reports, book reviews, information on new publications and details of articles available from members. *Archetype* is for longer articles in science, mathematics and the history and philosophy of science as well as the social and environmental implications of its application. The journal's content, in English, comprises research and other relevant articles, short communications and any correspondence these generate. For details regarding the submission of material for publication, please see inside the back cover. A regularly updated list of the contents of all back issues is available on the Science Group web site at the URL below.

Contents:	Page
Moving pictures: the world of meaning of two meadow butterflies <i>Daniel Kuster and Johannes Wirz</i>	1
The marbled white butterfly (<i>Melanargia galathea</i>) in ecologically different farmland habitats, <i>Johannes Wirz and Daniel Kuster</i>	25
<i>Correspondence</i> : The fortnightly tree bud rhythms of Lawrence Edwards, <i>Nick Kollerstrom</i>	43

Published annually by:

Science Group of the Anthroposophical Society in Great Britain
Rudolf Steiner House, 35 Park Road, London, NW1 6XT
Science Group web site: <http://www.anth.org.uk/Science>

ISSN 1462-8775

Editor: Dr David J Heaf

Hafan, Cae Llwyd, Llanystumdwy, Cricieth, Gwynedd, LL52 0SG, UK
Telephone/Fax: +44 (0)1766 523181 Email: 101622.2773@Compuserve.Com

Instructions to authors for submitting manuscripts:

Material for publication including the author's name and full contact details should be sent to the above address. Authors should generally aim to limit the length of articles to 20 (A5) sides when printed at 10 point. Whilst typewritten submissions will be considered for publication (see below), with the wide availability of word-processors, authors are strongly advised to submit their publications electronically, either on diskettes/CDs or by email.

Digital files should be accessible to Microsoft Windows applications in a PC environment and removable media clearly labelled with author's name and file names. The file(s) may be generated from any popular word/image processing software. If you are in any doubt about whether your software format will be acceptable, please contact the editor. Diskettes/CDs should contain no files other than those intended to be considered for publication.

Electronic submissions should be accompanied by a printed copy showing clearly the preferred layout, special symbols, character attributes, and the position of figures and tables etc. It would also greatly facilitate publication if text, diagrams, charts, graphs and pictures are submitted in any file format accessible to Windows based applications such as MS Word (97/2000) and Adobe Pagemaker. Images in any common format (e.g. BMP, TIF, JPG, GIF etc) should contain sufficient data to give a good print quality, i.e. at least 300 dpi. The base font size for equations, text and diagrams in this publication is 10 point.

Those not in a position to submit electronically should send originals rather than photocopies. Each item should be identified clearly showing where it should be inserted in the text. To enable typewritten submissions to be scanned, they should be single-spaced originals, not photocopies, with no over-typing or other corrections, in A4 format with generous margins and on one side of the paper only. Neither text nor headings should be underlined, but any underlining, italics or bold text required should be indicated on a separate copy. Text should be in black ink on white paper. Submitting typescripts of contributions which are otherwise acceptable, but are not sufficiently clear for scanning could delay their publication.

Price (this issue): **£4.00** (inclusive of UK postage; for European destinations please add £0.50, elsewhere add £1.00)

Orders to the address above. Please see page 50 for payment methods.

Archetype varies in cost according to issue length and there is no regular subscription rate. Publication of each issue is announced in the September edition of the Science Group members' newsletter. Non-members who have ordered *Archetype* previously will be notified by post when it is due to be published.