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Martin G. Hicks

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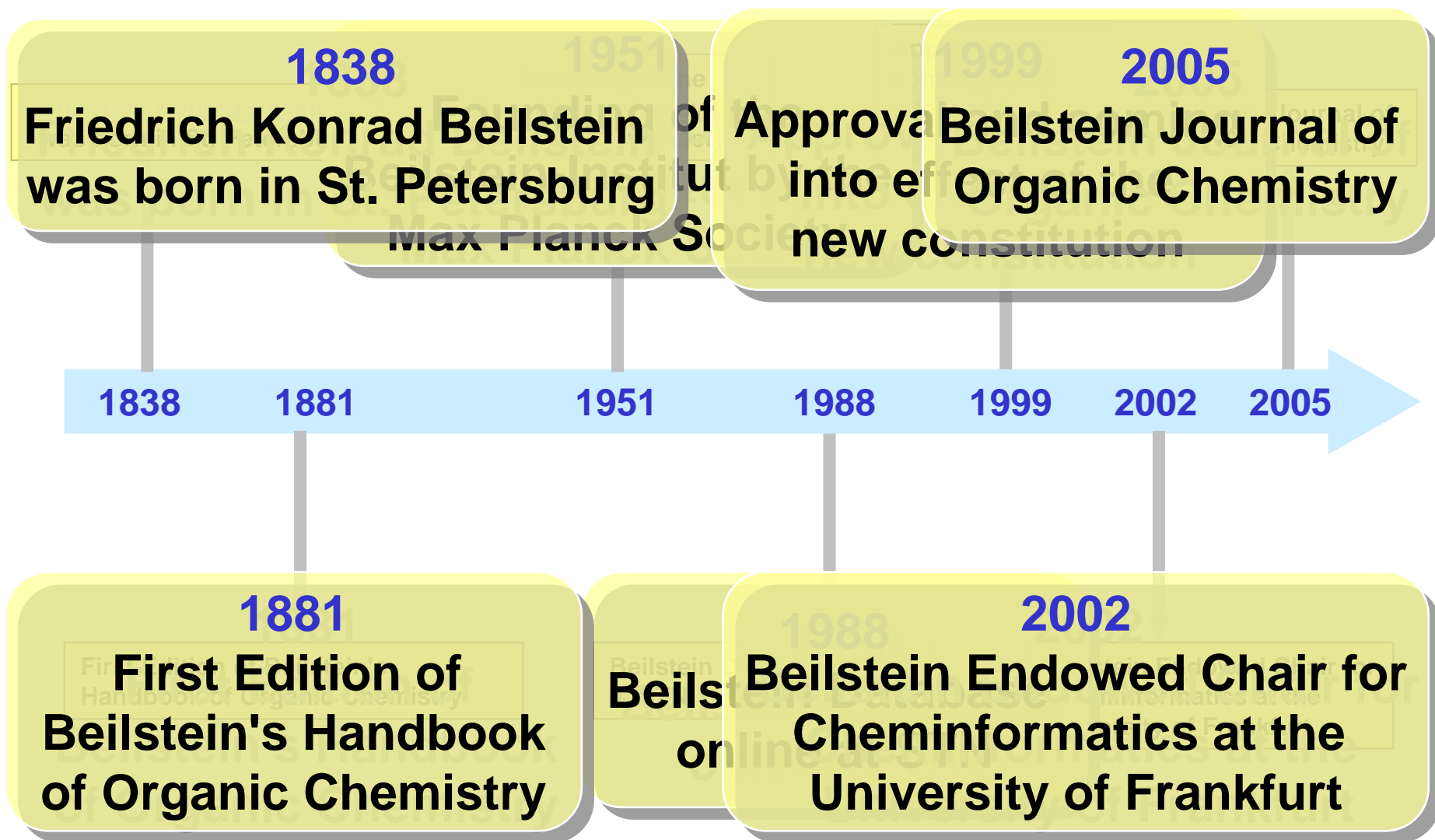
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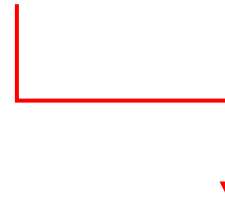
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From promise to practice

After philosophy there must be action



Victor Hugo, Les Miserables

"There comes an hour when protest no longer suffices; after philosophy there must be action; live force finishes what the idea has sketched."

Transitions in Scientific Publishing

Media

Print → **Web**

Cost

High → **Low**

**Economic
Model**

Monopolistic → **Free-market**

**Publishing
Model**

Sequential → **Services**

Redefining Scientific Publishing

Unclog the system

- **Authors need to change**
 - Care about copyright
 - Peer review too time-consuming
- **Libraries need to change**
 - Re-think big deals
- **Funding agencies need to change**
 - Demand Open Access
 - Quality not quantity of publications
- **Publishers need to change**
 - Create new value-added resources
 - Make costs transparent

Incentives to Publish Research Articles

Inform of research advances

Unlike book publishing – not for money

Pursuit of Priority

Research Impact

**Measure of research progress
and significance**

**Wide readership (access)
Citing - Citation impact factor**

Impact Income → Publish or perish

STM Publishing 2002

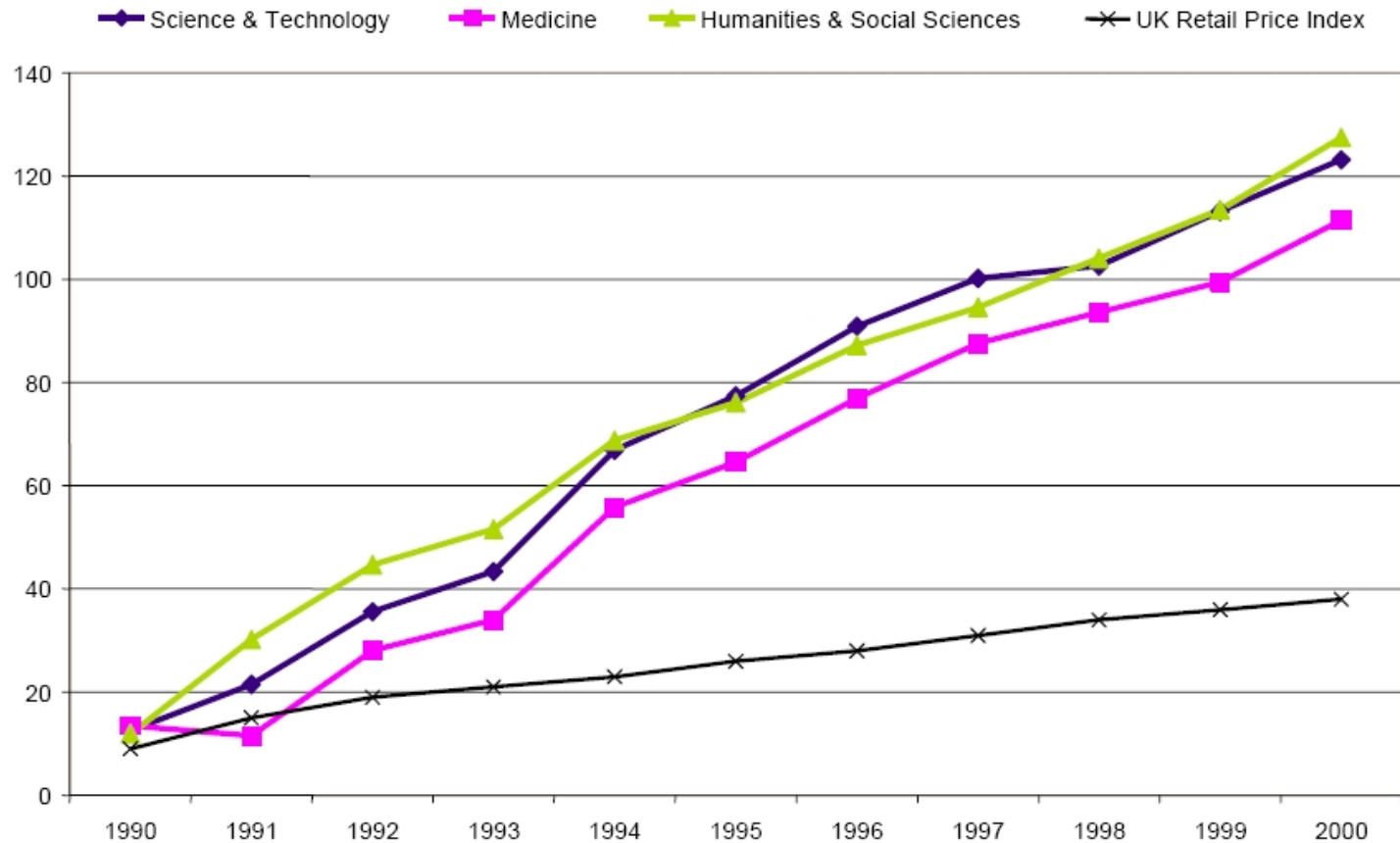
- **Journals: USD 3.5 billion of sales (50%)**
 - Databases: USD 1.3 billion**
 - Books USD 1.1 billion**
 - Metadata (e.g. indexes) USD 800 million**
 - aggregation activities USD 300 million**

Changing business models in the STM publishing marketplace. D.R. Worlock 2004

Crisis, what crisis?

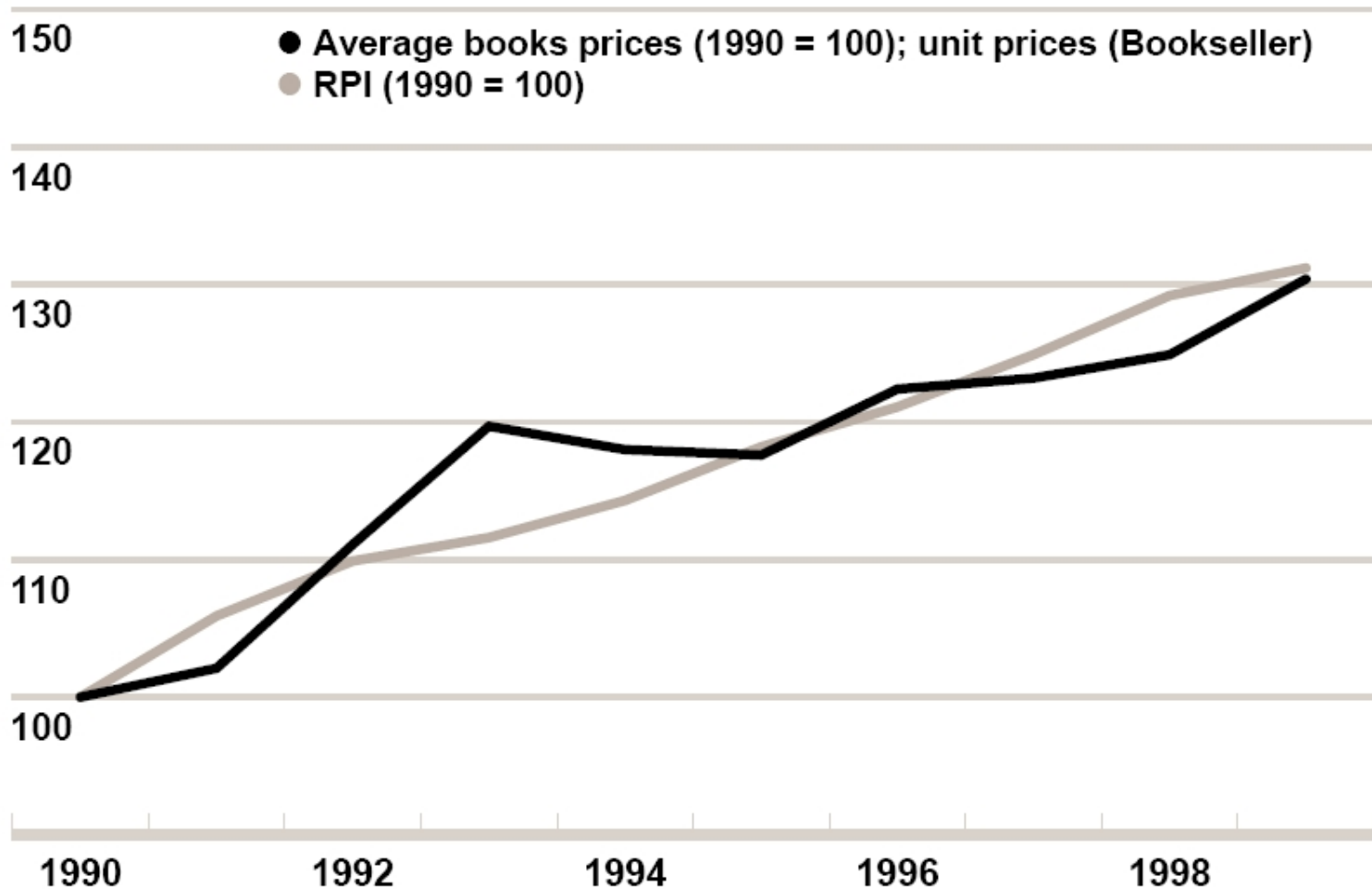
- **Scientific journals have been the fastest growing media sub-sector of past 15 years**
- **10% organic revenue compound annual growth rate over past 18 years**
- **Industry growth has been so good that the OFT believes „the market for STM journals may not be working well“**

Journal Price Increases 1990-2000



Source: OECD report on scientific publishing 2005 citing Blackwell's Periodical Prices from DTI, *Publishing in the Knowledge Economy. Competitiveness analysis of the UK publishing media sector*, London, 2002

Book Price Increases 1990-2000



Sources The Bookseller, ONS

Symposia/Proceedings

- 2006** **Beilstein-Institut Workshop:**
 "Molecular Interactions - Bringing Chemistry to Life"
 May 15th - 19th, 2006, Bozen, Italy
- 2006** **Beilstein Symposium:**
 2nd International ESCEC Workshop on
 "Experimental Standard Conditions of Enzyme Characterization"
 March 19th - 23rd, 2006 in Ruedesheim/Rhein, Germany
- 2004** **Beilstein-Institut Workshop:**
 "The Chemical Theatre of Biological Systems"
 May 24th - 28th, 2004, Bozen, Italy
- 2003** **Beilstein Symposium:**
 1st International ESCEC Workshop on
 "Experimental Standard Conditions of Enzyme Characterization"
 Oct. 5th - 8th, 2003 in Ruedesheim/Rhein, Germany
- 2002** **Beilstein-Institut Workshop:**
 "Molecular Informatics: Confronting Complexity"
 May 13th-16th, 2002, Bozen, Italy.
- 2000** **Beilstein-Institut Workshop:**
 "Chemical Data Analysis in the Large: The Challenge of the Automation Age"
 May 22th-26th, 2000 Bozen, Italy

The objective in publishing the BJOC is to serve organic chemists worldwide by providing a high quality service that meets their needs, without being a financial burden on their institutes, and achieve the highest possible visibility and access to their work.

- Open Access -

- Full peer review
- Rapid publication
- Free access worldwide
- No publication charges
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- Innovative functionality

Beilstein-Institut

- Major chemistry database publisher
- BJOC publisher
- Fund the journal
- Organize the editorial office
- Organize the editorial advisory board

BioMed Central

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over 150 journals
- BJOC publishing services provider
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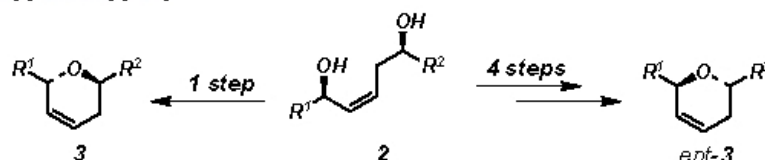
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Eric M Flamme, William R Roush

Beilstein Journal of Organic Chemistry 2005, 1:7 (26 August 2005)

[Abstract] [Full Text] [PDF]



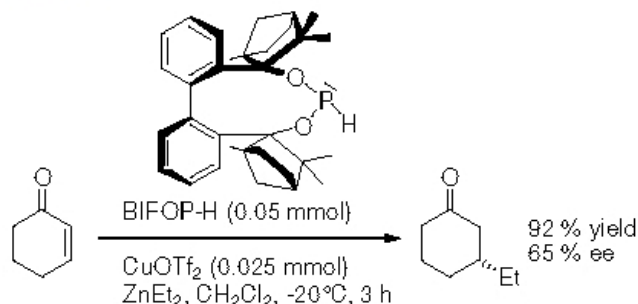
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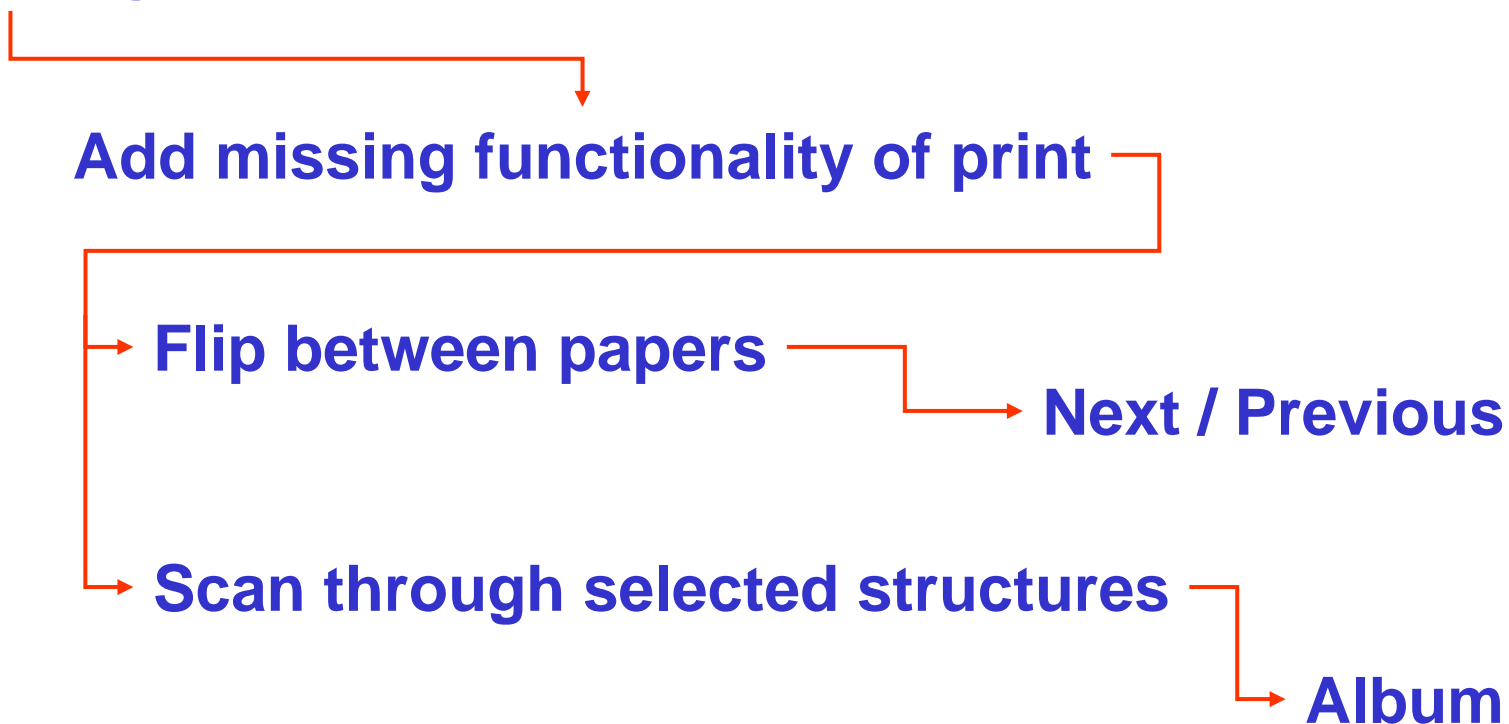
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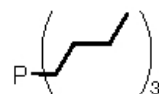
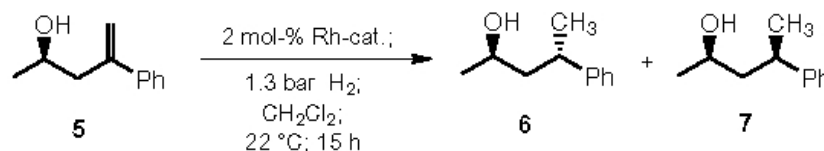
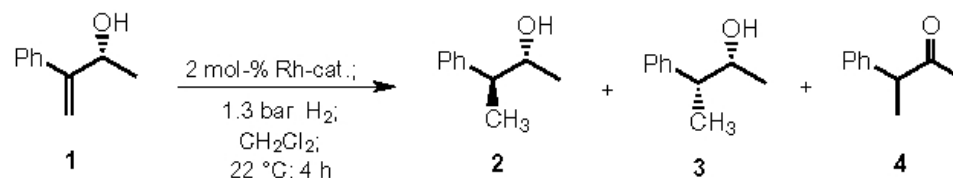
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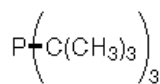
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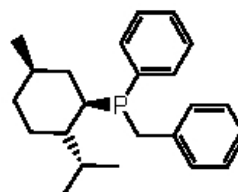
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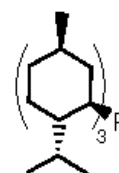
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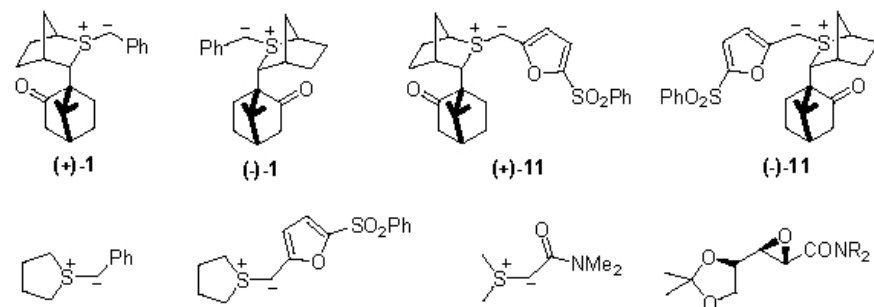
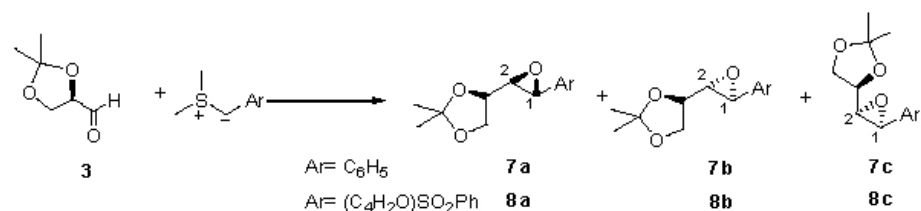
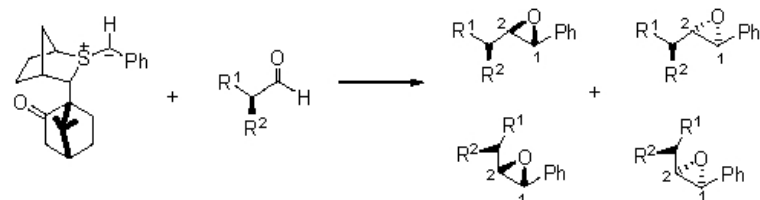
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Varinder K Aggarwal and Jie Bi

School of Chemistry, University of Bristol, Cantock's Close, Bristol BS8 1TS, UK

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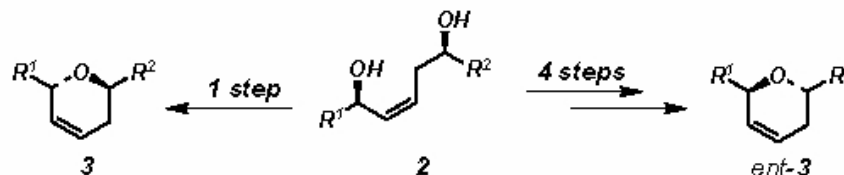
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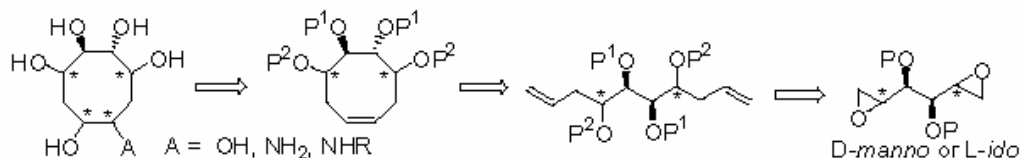
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Jonathan Clayden
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