



## Degrees of Freedom

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## Overview

- Background
- Review...
  - ...with a detailed example
- Recommendations

## Background

- Parking in Budapest - Publishing in scientific journals
- Lack of competition in scientific journal publishing
- High subscription fees
- Need for Open Access
- Present copyright solutions reflect the present situation - therefore not adequate
- Authors are often lost in legal fine print
- The scientific community needs to find its voice

## **Review of Existing Possibilities**

### **- Unspecified/free**

Somewhat vague, lacks safeguards;  
dangers from individuals and corporations

**... review**

**- Public Domain**

For works of great public importance,  
works created by the government, from public money  
**BUT NEEDS TO BE EXPLICITLY SPECIFIED!**

**... review**

**- Open Access gratis / libre**

Very important for scientific material;  
libre is unnecessarily permissive;  
while might be good for individual articles,  
not desirable for journals as a whole

## **... review**

### **- Creative Commons**

Good for areas like graphic arts, for individual works; simplicity is a plus / but a handful of options might not be enough and might not be appropriate for every genre of works (e.g. journal articles)

**... review**

**- GNU, BSD**

Good for software;  
specialty: viral nature



**... review**

**- IBVS**

The following copyright was formulated for a small  
OA astronomical journal, the  
Information Bulletin for Variable Stars

A. Holl, "IBVS - novel features of a small astronomical  
journal", submitted for the proceedings of LISA VI,  
2010, Pune, India

**COMMISSIONS 27 AND 42 OF THE IAU  
INFORMATION BULLETIN ON VARIABLE STARS**

## **... review / IBVS**

### **- Original Research / No Re-publishing**

*The journal publishes results of original research.  
We do not accept material already published elsewhere,  
and we do not allow re-publication of material appeared  
in IBVS in other journals without permission.*

## **... review / IBVS**

### **- No Redistribution / Except Author**

*The articles of the journal are not redistributable (no third party can make them available without explicit permission - EXCEPT the authors, or entities on behalf of the authors: their employers, organizations, funding agencies.*

## **... review / IBVS**

### **- Publisher's PDF can Be Used**

*We allow the author (see above) to deposit the publisher's PDF version - we even recommend it.*

## **... review / IBVS**

### **- Scientific / Educational Use Permitted**

*All uses common and accepted in the scientific / educational community are allowed.*

## **... review / IBVS**

### **- Archiving by Agreement**

*The publisher decides where the journal content could be archived.*

## **... review / IBVS**

### **- No Commercial Use**

*As we provide the journal for free, we do not allow third parties to sell access to the full text.*

## ... review / IBVS

### - Data Mining / Mass Download by Agreement

*We decide which part of the content could be mass-downloaded for external data mining (or indexing). Because of technical reasons, we do not want every kind of items we provide to be mass downloaded without prior agreement.*



## **... review / IBVS**

### **- Reference to Publisher's Copy Required**

*Authors must refer to the proper bibliographic data, and preferably the URL of the article on the Publisher's website when they deposit.*

## **... review**

### **- Fair Use / Fair Dealing**

Several doctrines / clauses in existing copyright practice make allowances usable in science and education (fair use [USA], fair dealing [GB]); work for hire [USA], corporate authorship might help too; almost good - but not enough!

## **... review**

### **- © Existing Copyright Solutions, Copyright Transfer**

Copyright transfer to the publisher, present  
practice -  
unjustified, complicated, diverse,  
not permissive enough

## Recommendations

- Simpler, more uniform solutions for the benefit of authors, researchers - but CC is too simple
- Guidance for authors from publishers
- Third party services like SHERPA ROMEO

## ... recommendations

- Pro-active approach is necessary:  
if science & education needs free (or cheaper) access to journal articles, they should not be published like now. SCOAP<sup>3</sup> is an example. Journals published by learned societies, by publishing houses which are either charities or owned by learned societies is another possibility (astronomy: AAS journals/loP; A&A/EDP Sciences)

## **... recommendations**

- Two-front war against the greed of big media corporations:  
no copyright straitjacket / no copyright hijacking;  
legislation should not be overreaching, the weak  
should be protected
- Corporate interest should be recognised in its  
proper place - no piracy

## **... recommendations**

- A broad spectrum of copyright solutions could best serve the interests of science and education  
each genre needs a different solution
- More permissive and simpler than the existing one,  
but still able to safeguard the justifiable rights of authors, funders, publishers
- Should have beneficial effects on quality & services

## **... recommendations**

- More works should be published under more permissive copyright (PD, OA, CC, GNU etc.)
- Tools needed: for navigation (e.g. NASA ADS, OpenURL); re-use by simple drag & drop, but with copyright!; copyright aware SWORD upload