Editing Wikipedia
Community Payback for undergraduates
User:Polypompholyx

- Overview of Wikipedia
- Basic wiki syntax
- Create a simple article in your sandbox
- Coursework details

Wikipedia five pillars (5P)

1. Encyclopaedia
   - Notable topics
   - No original research (NOR)*
2. Neutral point of view (NPOV)
   - Verifiability (referencing)
3. Free content
   - Anyone can edit
   - No copyright infringements
4. Be civil
5. No firm rules

Creating an account on the English language Wikipedia

- Submit username to me *via* BlackBoard
  - If you're an editor already, use current login
- Do <u>NOT</u> use college username or password
- Do <u>NOT</u> use 'Imperial' in your username
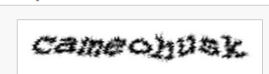
http://en.wikipedia.org/w/index.php?title=Special:UserLogin&type=signup

Editing a page

Edit tab

- Wiki mark-up into the textbox widget

- Summary of your edit into text widget

- The text you submit is irrevocably released under the GFDL and CC-BY-SA-3.0 licenses

Wiki mark-up box

Edit summary box

Using your sandbox

- Create draft of article in your sandbox

- Use Preview when editing live pages

- History updated with each Save

- There is no back-up except the history
  - Save regularly!

Open sandbox

Save   Preview
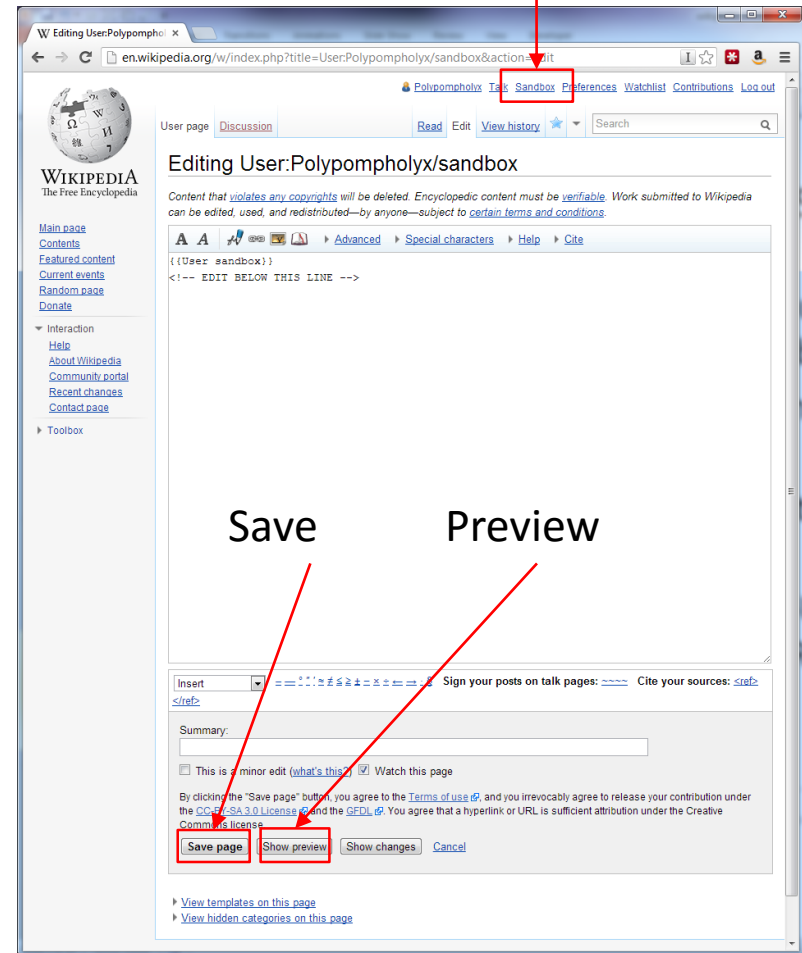
Basic article layout should follow the manual of style
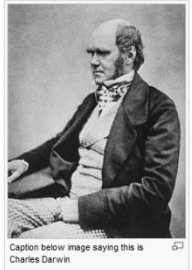
- Article title
- Lead section

  ```
  '''First mention of title''' in
  leader intro should be bold
  ```

- Sections

  ```
   ==Section==
  ```
  - Subsections

    ```
        ===Subsection===
    ```

- References

  ```
  ==References==
  {{Reflist}}
  ```

- External links

  ```
  ==External links==
  * [http://example.com/link Text]
  * [http://example.com/foobar
  Blah]
  ```

http://en.wikipedia.org/wiki/Wikipedia:Manual_of_Style

Wiki mark-up for text formatting

Mark-up*	Result
`==Section heading==`	<u>Section heading</u>
`===Subsection heading===`	**Subsection heading**
`'''Something bold'''`	**Something bold**
`''Latin name in italics''`	*Latin name in italics*
`blank line`	(paragraph break)
`* unordered list item`	• unordered list item
`# ordered list item`	1. ordered list item
`H<sub>2</sub>`	H_2
`<sup>4</sup>He`	^4He
`α`	α

http://en.wikipedia.org/wiki/Help:Wiki_markup
http://en.wikipedia.org/wiki/List_of_XML_and_HTML_character_entity_references

Wiki mark-up for linking and images

Mark-up	Example	Result
`[[internal_link]]` …or… `[[internal link]]`	`[[Drosera_aliciae]]`	[Drosera aliciae](#) Underscores are optional
`[[internal_link|Text for link]]`	`[[Drosera_aliciae|Alice sundew]]`	[Alice sundew](#) Note double braces, pipe
`[http://example.com/external_link Text for link]`	`[http://www.imperial.ac.uk Imperial College]`	[Imperial college](#) Note single braces, no pipe
`[[File:image.jpg	200px	thumb	Description of the image for the visually impaired]]`	`[[File:Charles_Darwin_seated.jpg	200px	thumb	Darwin seated facing left, no beard]]`	Thumb (not compulsory!) floats right by default Caption below image saying this is Charles Darwin Public domain image

Wiki mark-up for references*

Oceania has always been at war with Eastasia

<ref name="Goldstein1984">

{{Cite journal | author=Goldstein E | title=The theory and practice of oligarchical collectivism | journal=[[Journal of the Brotherhood]] | volume=1 | year=1984 | pages=1-666 | doi=mini.luv/eablair.1949 }}

</ref>

==References==

{{Reflist}}

Oceania has always been at war with Eastasia[1]

References

1. ^ Goldstein E (1984). "The theory and practice of oligarchical collectivism". *Journal of the Brotherhood* 1: 1-666. doi:mini.luv/eablair.1949 ⧉.

Replicate the page below

Bold   **Subscripts**   **Internal link to "Wood preservation"**

[Leader]   The organochlorine **PCP** (pentachlorophenol, C_6Cl_5OH) is a wood preservative biocide.

Contents [hide]

1 Structure
   1.1 Degradation
2 References
3 External links

["Contents" is added automagically]

Heading   ## Structure   [edit]

PCP is a polychlorinated aromatic:
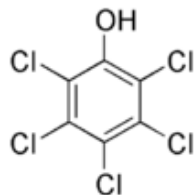
Image link to "Pentachlorophenol-structure.png"

Subheading   ### Degradation   *Italics*   **Internal link (no article)**   [edit]

PCP is degraded by some bacteria, including *Sphingobacterium chlorophenolicum*[1]

PCP $\rightarrow$ TCHQ $\rightarrow$ TriCHQ $\rightarrow$ DCHQ $\rightarrow$ 2,4-dichloro-3-hydroxy-*cis*,*cis*-muconic semialdehyde

Heading   ## References   **HTML entity right-arrows**   [edit]

1. ^ Copley SD (2000). "Evolution of a metabolic pathway for degradation of a toxic xenobiotic: the patchwork approach". *Trends in Biochemical Sciences* 25: 261-265. doi:10.1016/S0968-0004(00)01562-0

Heading   ## External links   [edit]

Bullets   • US EPA: pentachlorophenol in drinking water

"References" formatted automagically, but you need to *create* the reference in the body-text

External link to http://water.epa.gov/drink/contaminants/basicinformation/pentachlorophenol.cfm

10

Coffee time!

Selecting a page to edit for your coursework

Discussion tab   Edit tab

- Start from a stub
    - http://en.wikipedia.org/wiki/Category:Biology_stubs
    - http://en.wikipedia.org/wiki/Category:Enzyme_stubs
    - http://en.wikipedia.org/wiki/Category:Plant_stubs
- …or improve a pre-existing article
    - http://en.wikipedia.org/wiki/User:Polypompholyx
    - Active site
    - Basal body
    - Cell type
    - Dikaryon
    - Gas exchange
    - Genetics of maize
    - Poribacteria
    - Retrotransposon
    - Mixed acid fermentation
    - Light-harvesting_complex
- Approve intended page with me via BlackBoard

http://en.wikipedia.org/wiki/Wikipedia:WikiProject_Stub_sorting/Stub_types#Science
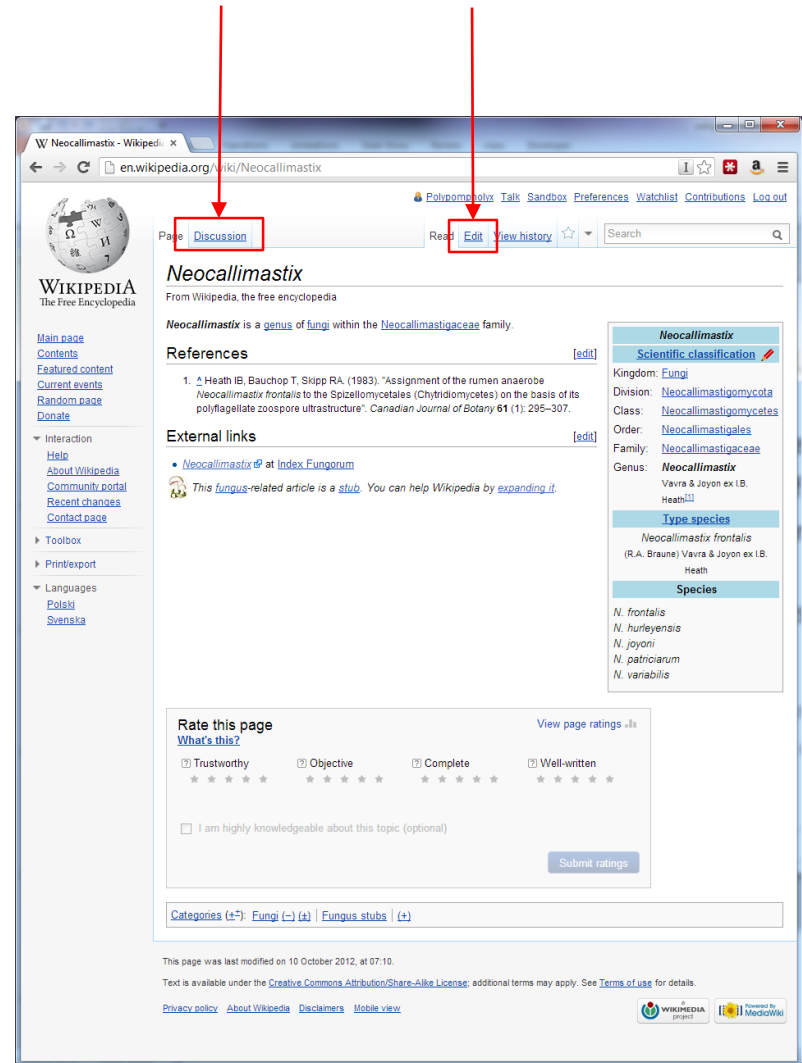
Scan the history

- Choose an article that is not being heavily edited by others already

- Scan through past edits

- Mostly bots? [automated edits]

- Quiet?

View history tab
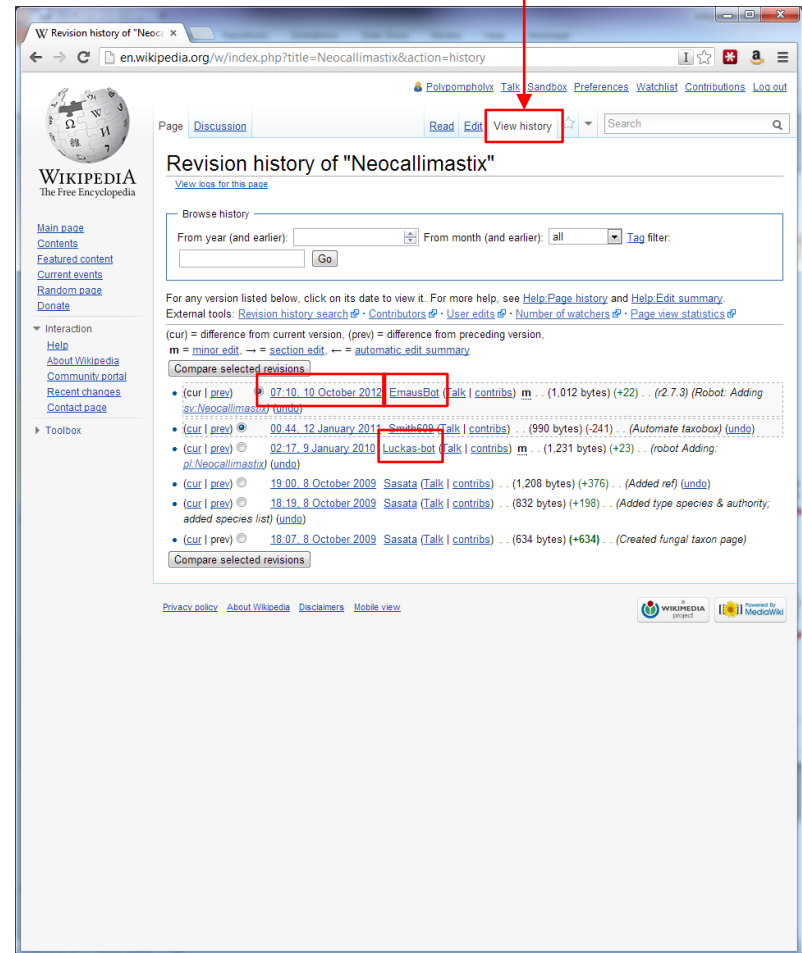
Discuss your edit before starting

- Read the discussion (talk) page
- Edit the talk page ('be civil')
  - State you plan on editing it

    ```
    {{Educational assignment|
    date=2015-03-22|
    link=User:Polypompholyx}}
    ```

  - Introduce yourself
  - Sign off your introduction

    ~~~~

    - This inserts…

    ```
    Username (talk) datetime
    ```

Uploading your own images

- Account must be 4 days old
- Must have committed 10 edits
- Find 10 typos to correct!

Select file on local drive

Give the file a descriptive name:
"70S ribosome in elongation phase
(Pymol rendering)" not
"ribosome"

Summary: author, source, *etc*

Licence

http://en.wikipedia.org/wiki/Wikipedia:Uploading_images
http://en.wikipedia.org/wiki/Special:Upload

Image licensing should be CC-BY-SA

- Images must be
  - Public domain, or
  - Your <u>OWN</u> licensed work

CC
SOME RIGHTS RESERVED

License	Details
Creative Commons (CC)	Non-profit organisation offering many standardised licenses that allow you to reserve some rights, but to allow the public to use and share your work.
Attribution (BY)	Licensees may copy, distribute, display and perform the work and make derivative works based on it only if they give the author or licensor the credits in the manner specified by these.
Share-Alike (SA)	Licensees may distribute derivative works only under a license identical to the license that governs the original work. (See also copyleft)

http://en.wikipedia.org/wiki/Wikipedia:Image_copyright_tags

16

Acceptable images

OK

- Wikimedia Commons
- Self-penned/photographed images
- SVGs made with Inkscape
- PNGs made using PowerPoint
- Pymol-generated images from RCSB PDB files (but cite PDB author/paper)
- United States Government (NASA, CDC, *etc*) – images are generally public domain

Not OK

- Copyrighted images
- Images from journals or books
- Slavish copies of images from journals or books

http://commons.wikimedia.org
http://commons.wikimedia.org/wiki/File:BlankMap-World6.svg
http://www.rcsb.org/pdb/home/home.do
http://inkscape.org/

Other standard kit

Drosera aliciae

Scientific classification

Kingdom:	Plantae
(unranked):	Angiosperms
(unranked):	Eudicots
(unranked):	Core eudicots
Order:	Caryophyllales
Family:	Droseraceae
Genus:	*Drosera*
Species:	**D. aliciae**

Binomial name

Drosera aliciae
R.Hamet (1905)

- There are standard syntaxes for:
  - Tables
  - Phylogenies
  - Taxonomy (taxoboxes)
  - Proteins (protein boxes)
  - *Etc.*

http://en.wikipedia.org/wiki/Template:Taxo box/doc

Caveat editor

- WikiProjects
  - Beware toe-treading
  - Conform to applicable WikiProject standards (esp. Medicine)
- Plagiarism
  - You <u>MUST NOT</u> plagiarise your own essays
  - <u>DO NOT</u> choose the topic of your final-year dissertation
  - We will use TurnItIn on articles
- Commit your edit whilst logged in
  - Otherwise it'll be anonymous!

WikiProject Carnivorous plants is within the scope of **WikiProject Carnivorous plants**, an attempt to better organise information in articles related to <u>carnivorous plants</u>. For more information, visit the **project page**.

NA

This page does not require a rating on the project's <u>quality scale</u>.

This page is supported by **WikiProject Plants**.

1 Restriction enzyme, Restriction endonuclease Restriction enzyme is an enzyme that cut nucleic acid at specific restriction site to produce restriction fragments. In the bacteria, to protect it-self from infections by viruses, there is a system called Restriction-modification which is the bacterium on its own, modifies certain nucleotides in specific sequences of DNA by adding a methyl group catalyzed by a modification methylase. Type II restriction endonuclease is a

Judge the audience of your article appropriately

- You need to judge how to pitch it
- You are *not* writing a UG essay
- Who is likely to Google/read it?
- General science audience is a default
- Quality links may be more important than excruciating detail

Assessment

- Criteria on Blackboard
- Compare before and after
- Quantity of material added
- Quality of final product
  - Scientific accuracy
  - Standards conformity
  - Accessibility to a lay audience

	Abbreviated criteria
1st	Very substantial contribution (incl. appropriate licensed media) added; accurate, relevant & complete, but still a good encyclopaedic exposition for a lay audience; conforms to all applicable Wikipedia standards.
2A	Very substantial contribution (incl. appropriate licensed media) added; accurate, relevant & complete, and lead section at least is a suitable for a lay audience; conforms to NPOV, NOR, verifiability standards.
2B	Substantial contribution; accurate & relevant, but article and lead may be excessively technical for a lay audience; largely conforms to NPOV, NOR, verifiability standards.
3rd	Some contribution; but too brief, inaccurate, inaccessible or irrelevant to be encylopaedic; largely conforms to NPOV, NOR, verifiability standards.
Fail	Little contribution and/or significantly fails to meet NPOV, NOR and verifiability standards.

Timetable for submissions

- Monday 7th March (1300)
  - Confirm you want to do WP for the skills coursework
  - Account name
  - Intended article
  - Approached 'expert' marker
  - *via* BB quiz

- Tuesday 22nd March (1700)
  - Must commit edit to Wikipedia by this deadline
  - Use sandbox to experiment
  - Easier to submit final edit as one large change (esp. if stub), but incremental edits are OK (and may be preferable)

Phylogeny syntax

```
{{clade
 |{{clade
    |1=[[moss]]
    |2={{clade
       |1=[[fern]]
       |2={{clade
          |1=[[pine]]
          |2=[[grass]]
        }}
      }}
    }}
  }}
}}
```

Taxobox syntax

```
{{Taxobox
  | image = Drosera aliciae.jpg
  | image_alt        = Alice sundew
  | image_caption    = Alice sundew
  | regnum = [[Plant]]ae
  | unranked_divisio =[[Angiosperms]]
  | unranked_classis = [[Eudicots]]
  | unranked_ordo = [[Core eudicots]]
  | ordo = [[Caryophyllales]]
  | familia = [[Droseraceae]]
  | genus = ''[[Drosera]]''
  | species = '''''D. aliciae'''''
  | binomial = ''Drosera aliciae''
  | binomial_authority = [[R.Hamet]] (1905)
}}
```