

HOUSEKEEPING

- Zweites Seminar: Jeden Freitag 13:15 - 14:45 Uhr
- Google Survey
- Moodle up and running
- Github Account
- Project Work or Individual Analysis?

FOLDIT, EINDRÜCKE

DEFINITION: CITIZEN SCIENCE

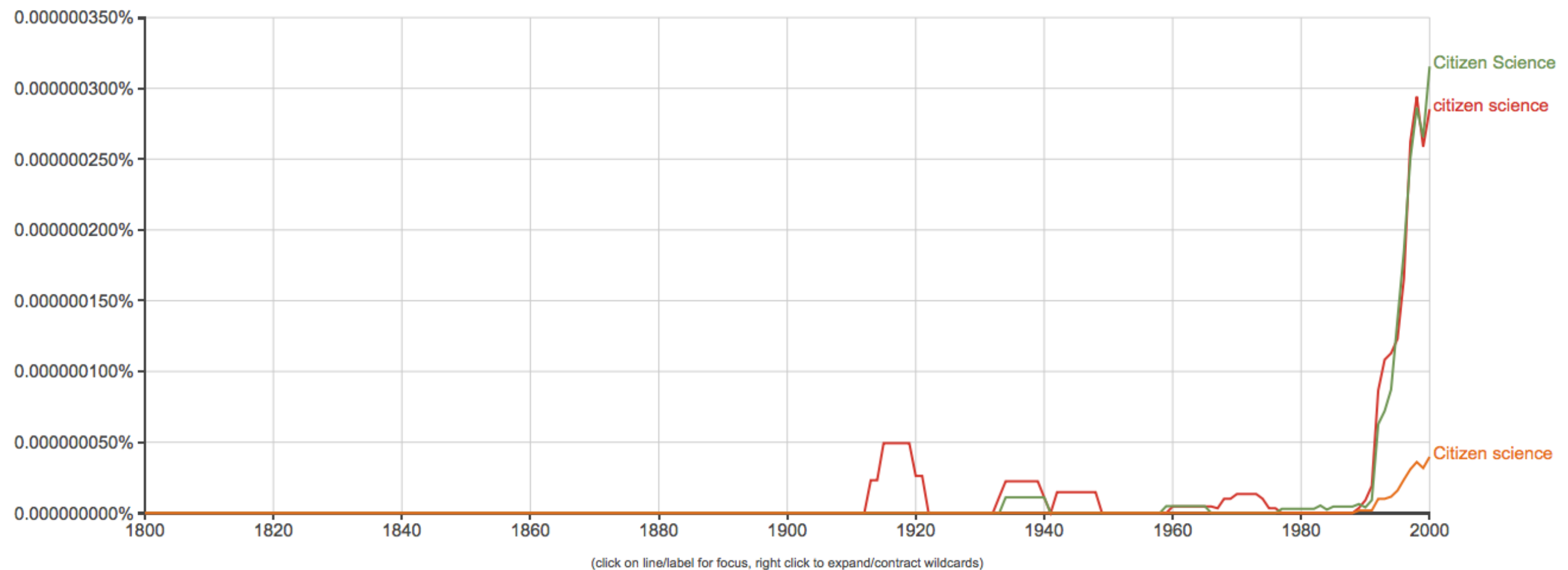
GESCHICHTE DES CITIZEN SCIENCE

Seminar vom 15. April 2015

Modul: Citizen Science in the Humanities: Methods and Trends

A RECENT TREND?

A RECENT TREND?



DID THE ORNITHOLOGISTS INVENTED IT?

- Wells Cooke's research on bird immigration
- Involvement of ornithologists in the Mississippi valley in 1881-1882
- Christmas Bird Count started in December 1900 by Frank Chapman in North America

ANOTHER EXAMPLE

- American Ornithologists Union around 1883
- ‘Could you count the birds that strike the lighthouse?’
- ‘This is the dumbest thing I’ve ever heard of. Why am I counting birds?’

OTIUM VS. NEGOTIUM

OTIUM VS. NEGOTIUM

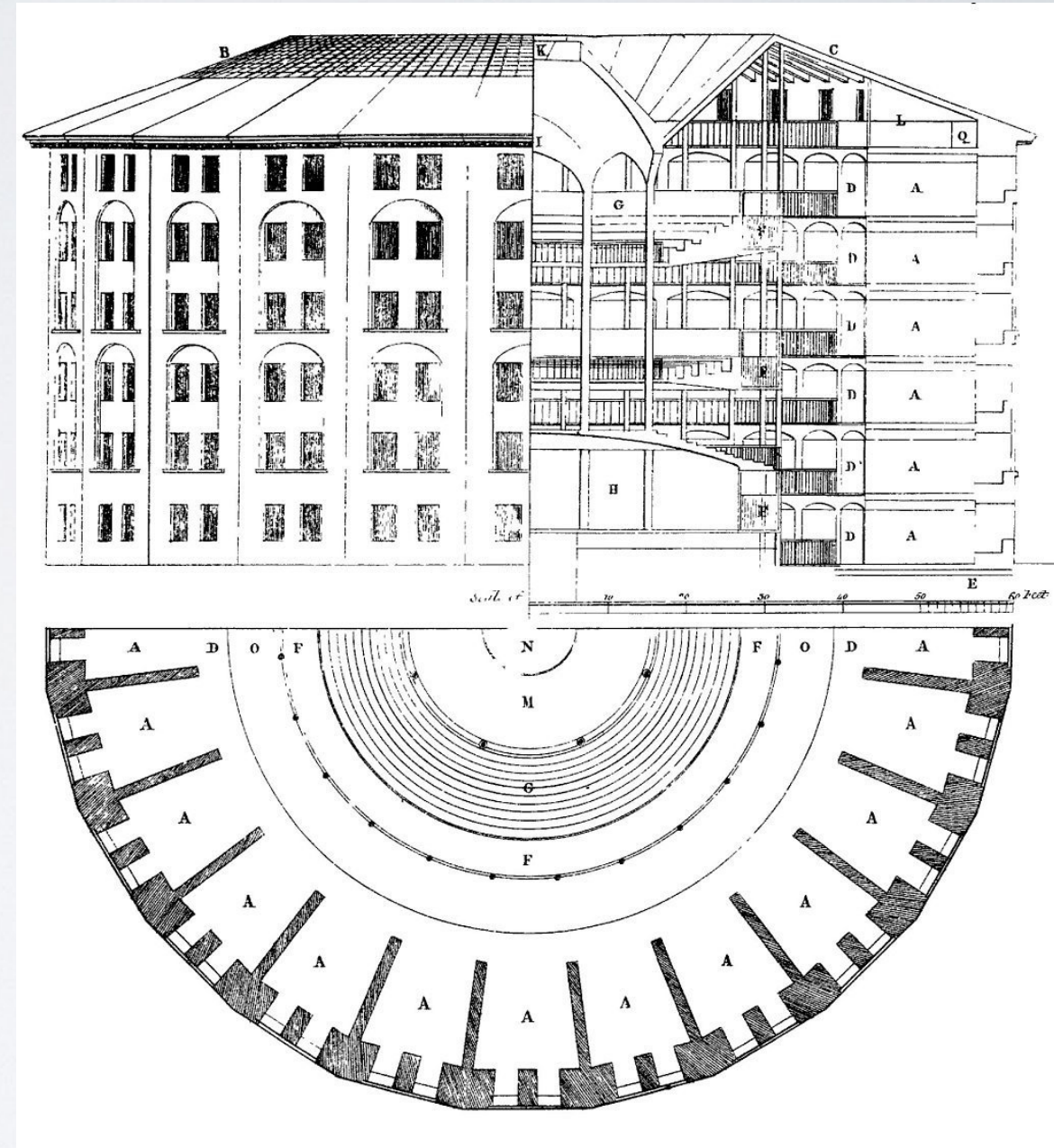
- leisure,
vacant time,
freedom
from
business

- a business,
employment,
occupation,
affair

PANOPTICON VS. OLIGOPTICA

PANOPTICON

- Theory by Jeromy Bentham and Samuel Bentham 18th century
- Jeromy applies it to prison structure
- A few manager / guards can supervise many workers / prisoners



OLIGOPTICA

- Theory by Bruno Latour (2005)
- Applied by Chris Otter (2009) to Victorian Era (19th century)
- Victorian oligoptic visual economy with increased self-observation
- A good example of the Era is *Self Help* by Samuel Smiles

OLIGOPTICA

The greatest results in life are usually attained by simple means, and the exercise of ordinary qualities. The common life of every day, with its cares, necessities, and duties, affords ample opportunity for acquiring experience of the best kind [...]

Self Help, Samuel Smiles

OLIGOPTICA

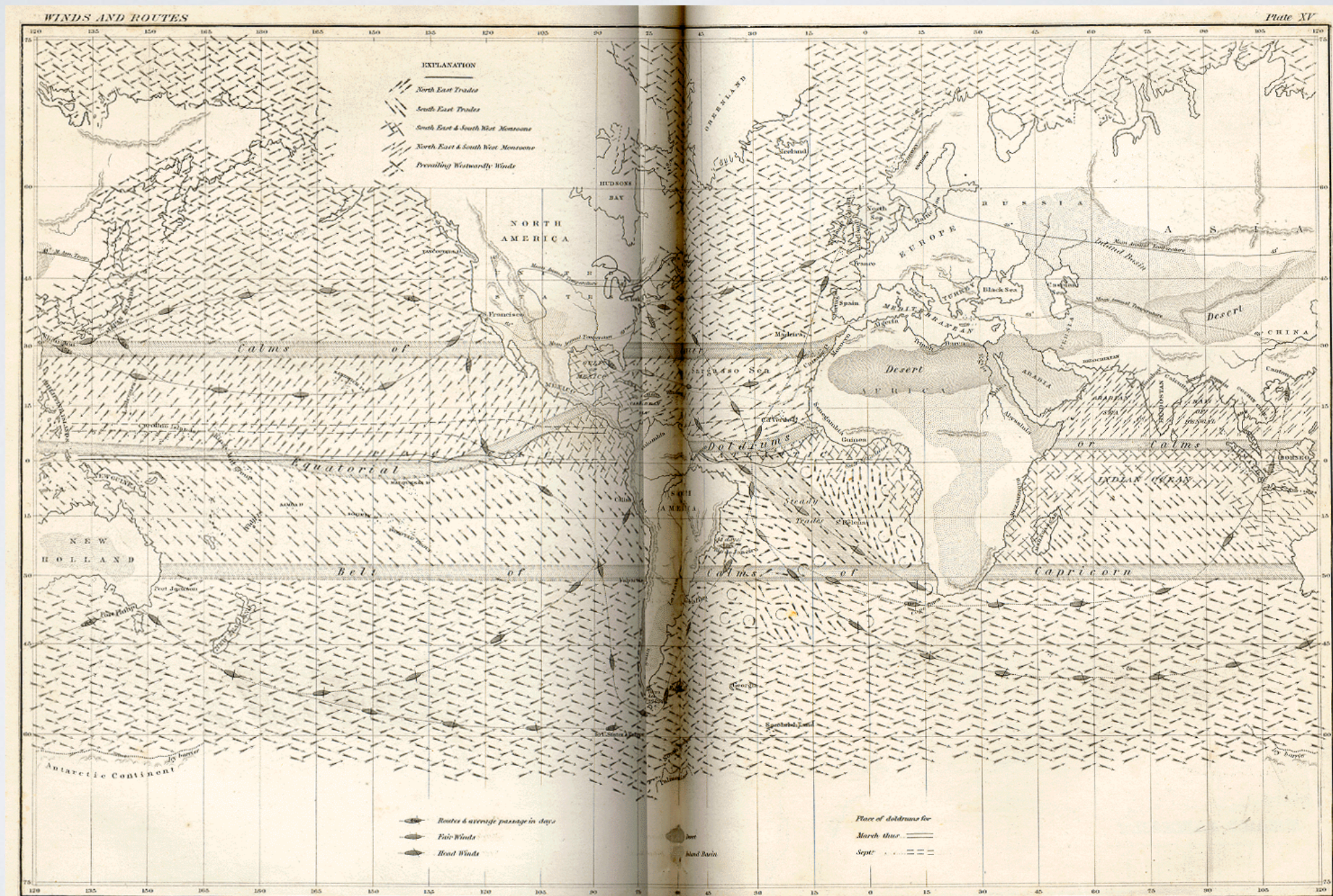
[...] Newton's whole mind had already been devoted for years to the laborious and patient investigation of the subject of gravitation; and the circumstance of the apple falling before his eyes was suddenly apprehended only as genius could apprehend it, and served to flash upon him the brilliant discovery then opening to his sight.

Self Help, Samuel Smiles

GLOBAL CITIZEN SCIENCE

- Citizens in 9 nations and colonies were sent to the coast to record tidal heights for the same two weeks in June 1835.
- William Whewell was awarded a Royal Medal
- In the late 1840s Matthew Maury asked farmers to telegraph weather observations in the US

WIND AND CURRENT CHART (1847)



FLANEUR VS. DANDY



FLANEUR VS. DANDY

- Gentleman stroller of the streets
 - Removed observer of urban society
 - But also part of the urban society
 - Observer-participant dialectic
- Focused on self
 - Appearance, language, hobbies
 - aesthetics as a religion
 - 'To live and die before a mirror'

MASS-OBSERVATION VS. DATA-MINING

DATA-MINING

- Knowledge discovery in databases
- Market data bases often produce by the cunning use of plastic cards, but also analysis of meta-data
- Experimental science in collaboration with A.I.

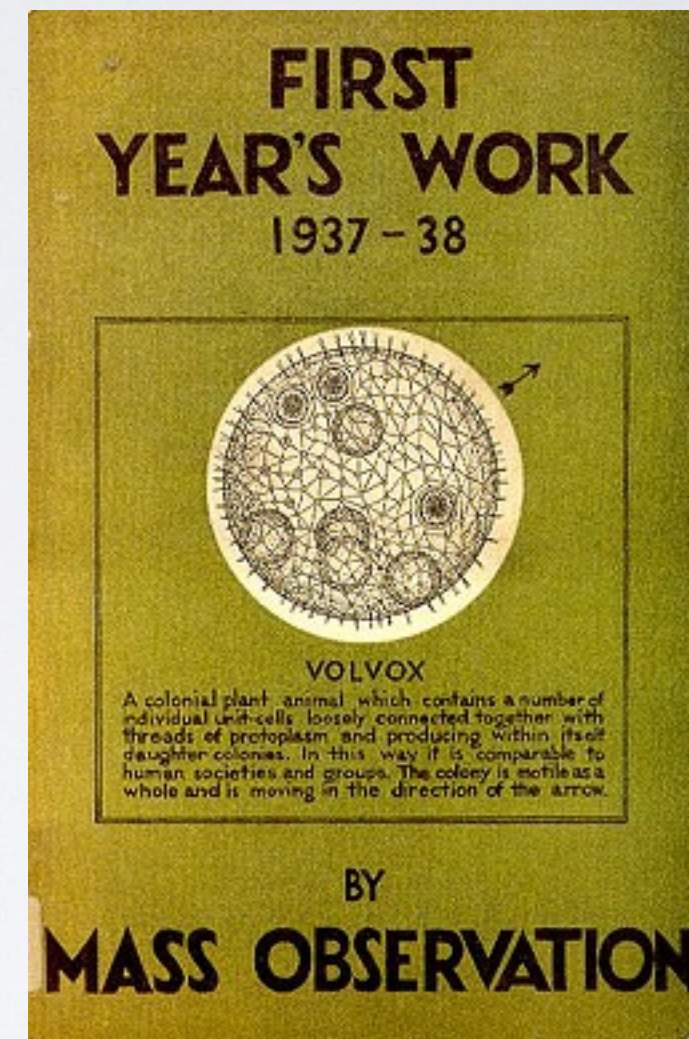


MASS-OBSERVATION



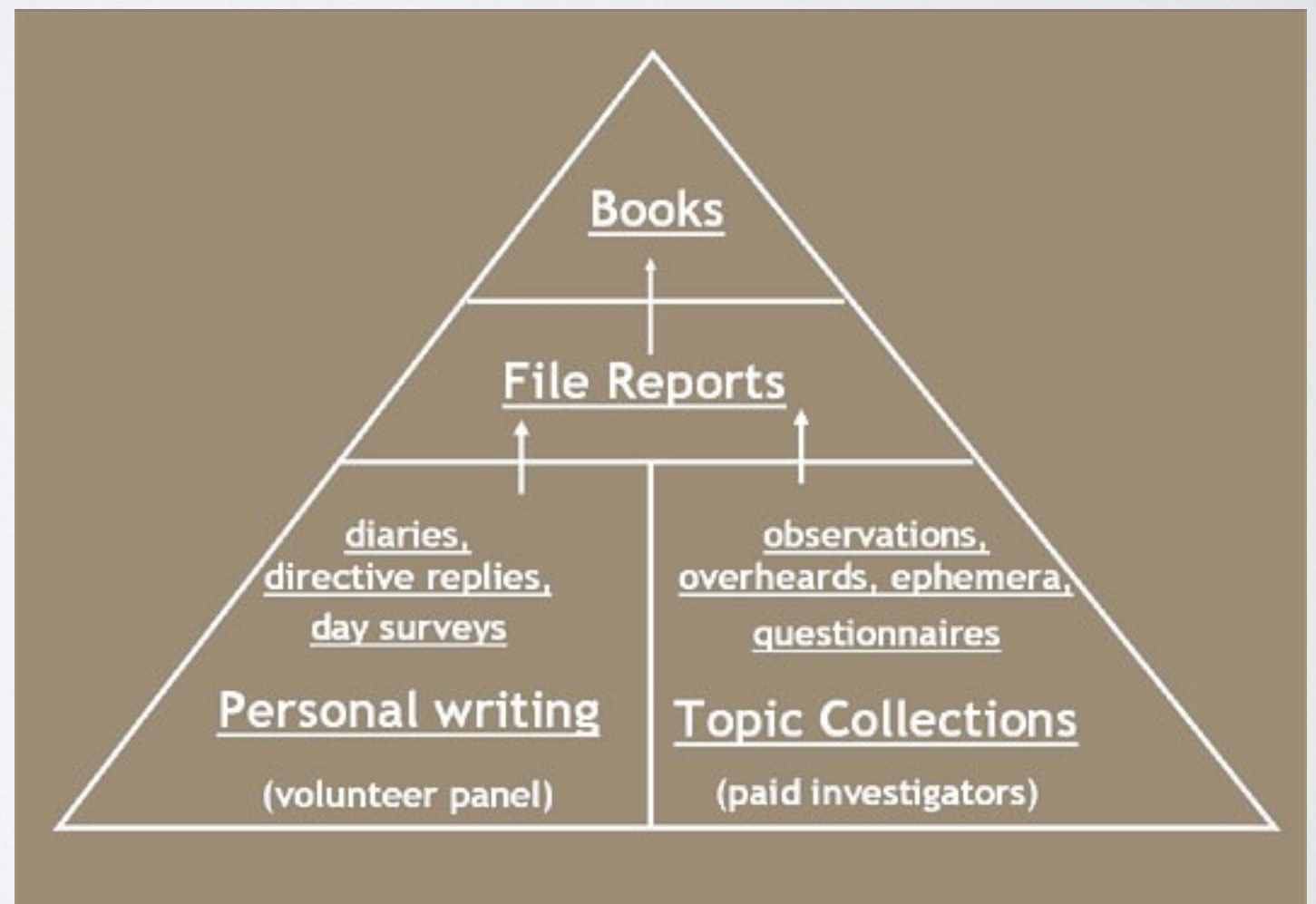
MASS-OBSERVATION

- Tom Harrison, Charles Madge, Humphrey Jennings
- Research Organisation founded in 1937
- 500 hundred untrained volunteers
- bidirectional process



MASS-OBSERVATION

- Worktown (Bolton, Greater Manchester)
- Metrop (A London borough)
- Also collecting emotions and feelings concerning disaster, hopes, and fears



MASS-OBSERVATION



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by
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Spender

MASS-OBSERVATION



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(Painting
by William
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CITIZEN SCIENCE VS. CROWD SOURCING

QUESTIONS?

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HOMEWORK

- Either summarise 'Mass-Observation' by H.D. Willcock, American Journal of Sociology, Vol. 48, No. 4, 1943, p.445-56
- or Chapter 5, *Self-Help* by Samuel Smiles, 2nd edition, 1897
<http://www.gutenberg.org/files/935/935-h/935-h.htm#page118>