



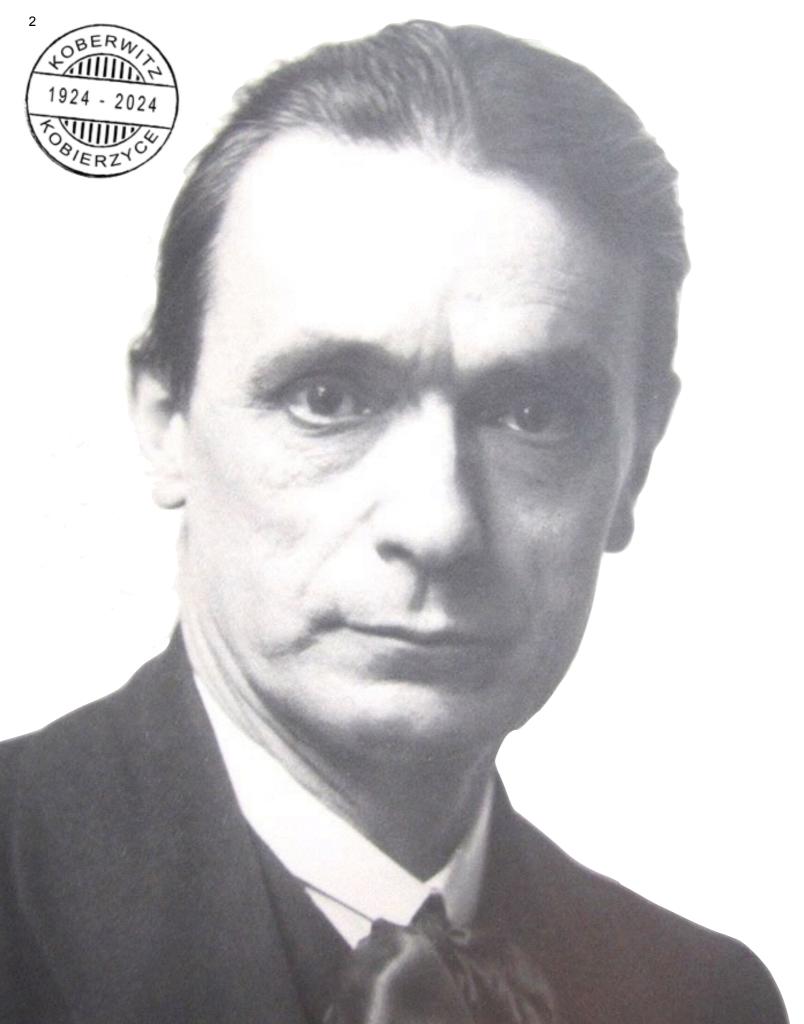
re-imagining potential

Koberwitz: So What?

Dr John Paull j.paull@utas.edu.au johnpaull.academia.edu



Ruskin Mill Trus rmt.org 5 July 2024





Koberwitz

1. Who?

2. What?

3. Where?

4. When?

5. How?

6. So what? (n=8)





Koberwitz 1. Who?

- Dr Rudolf Steiner New Age Guru
- * education
- * medicine
- * dance
- * art
- * agriculture
- * special needs education

Stefan Zweig

Stefan Zweig ...

5

"In his dark eyes there lived a hypnotic power and I listened to him better and more critically when looking away from him, for his ascetically gaunt face marked by spiritual passion was certainly calculated to make a convincing effect not only on the ladies ...

He was stimulating to listen to, for his learning was stupendous and wonderfully many sided ...

... to meet a man of such magnetic power ... was for me an invaluable gain ...

From his fantastic, and at the same time profound knowledge, I recognised that a true universality ... cannot be attained by cursory reading and discussion, but only through burning endeavour continued over years"

zweig 1941 Die Welt von Gestern in Villeneuve (2011, p.695)

111 "Koberwitzers" "130 chairs" Countess Johanna Keyserlingk

1.

*Johanna Keyserlingk 2 image: J Paull

Johanna Keyserlingk

"Reports had reached us from Dornach about the serious ill health of Rudolf Steiner, so that the greatest care seemed to be called for in every respect during his stay with us during his stay with us here in the East

The personal guarding of Rudolf Steiner even during the night was then assigned to Aki and a few of the young men.

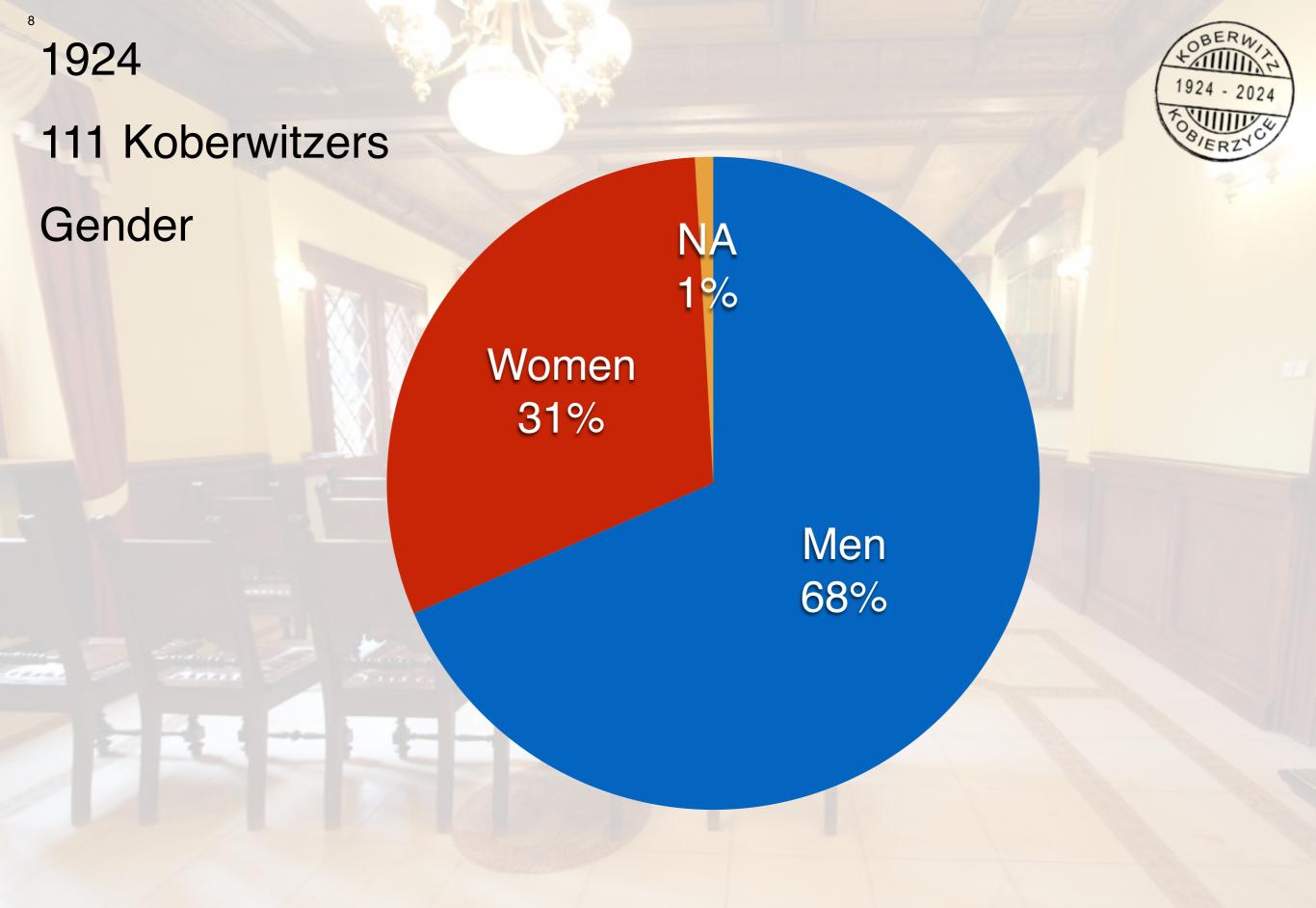
It was shattering to see him - all had the same impression.

7

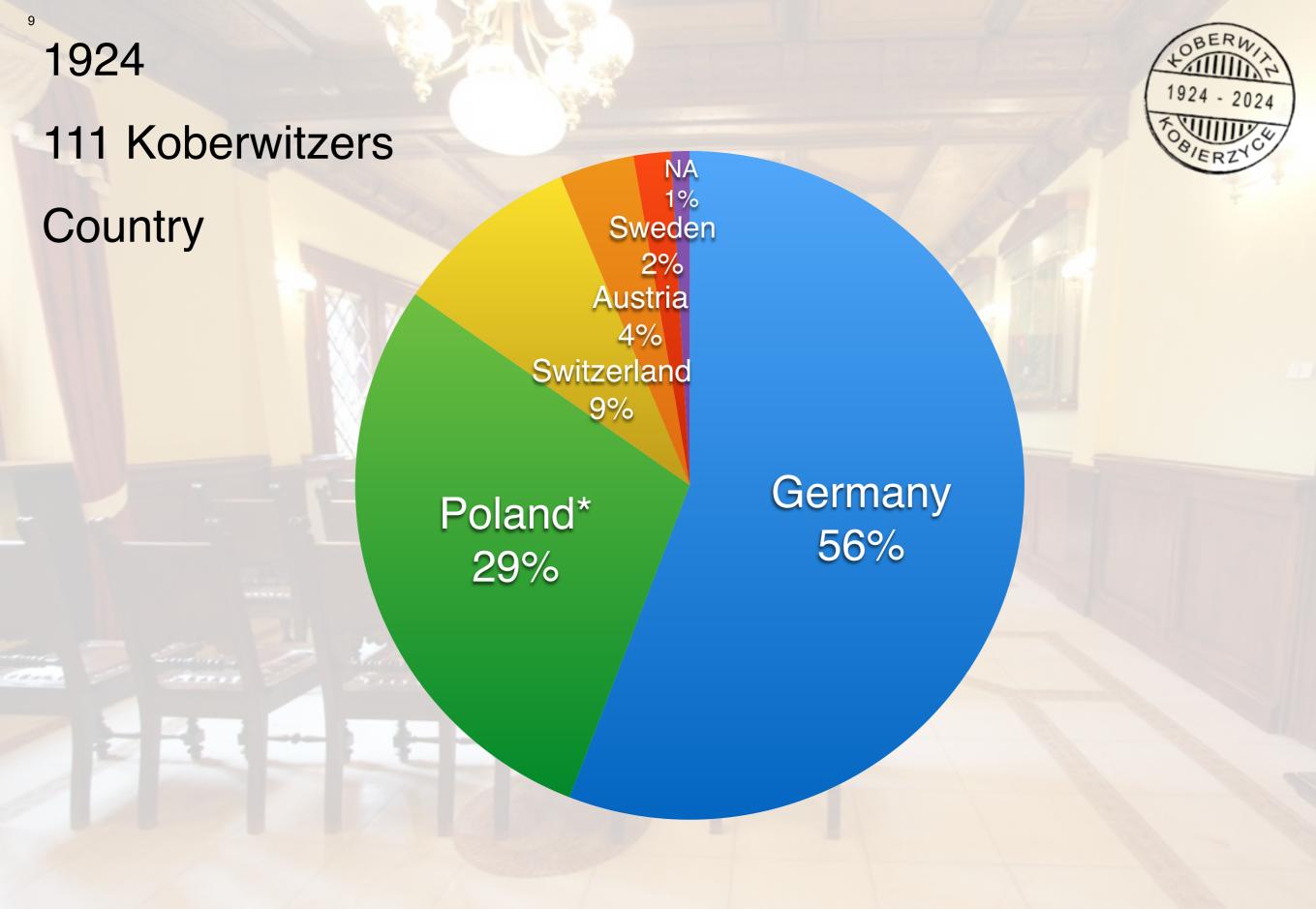
Graciously but infinitely tired the Doctor took his leave of us to go to his room. ...

In the dining room and vestibule 130 chairs had been set out and the lecturer's desk stood in the centre between the two rooms".

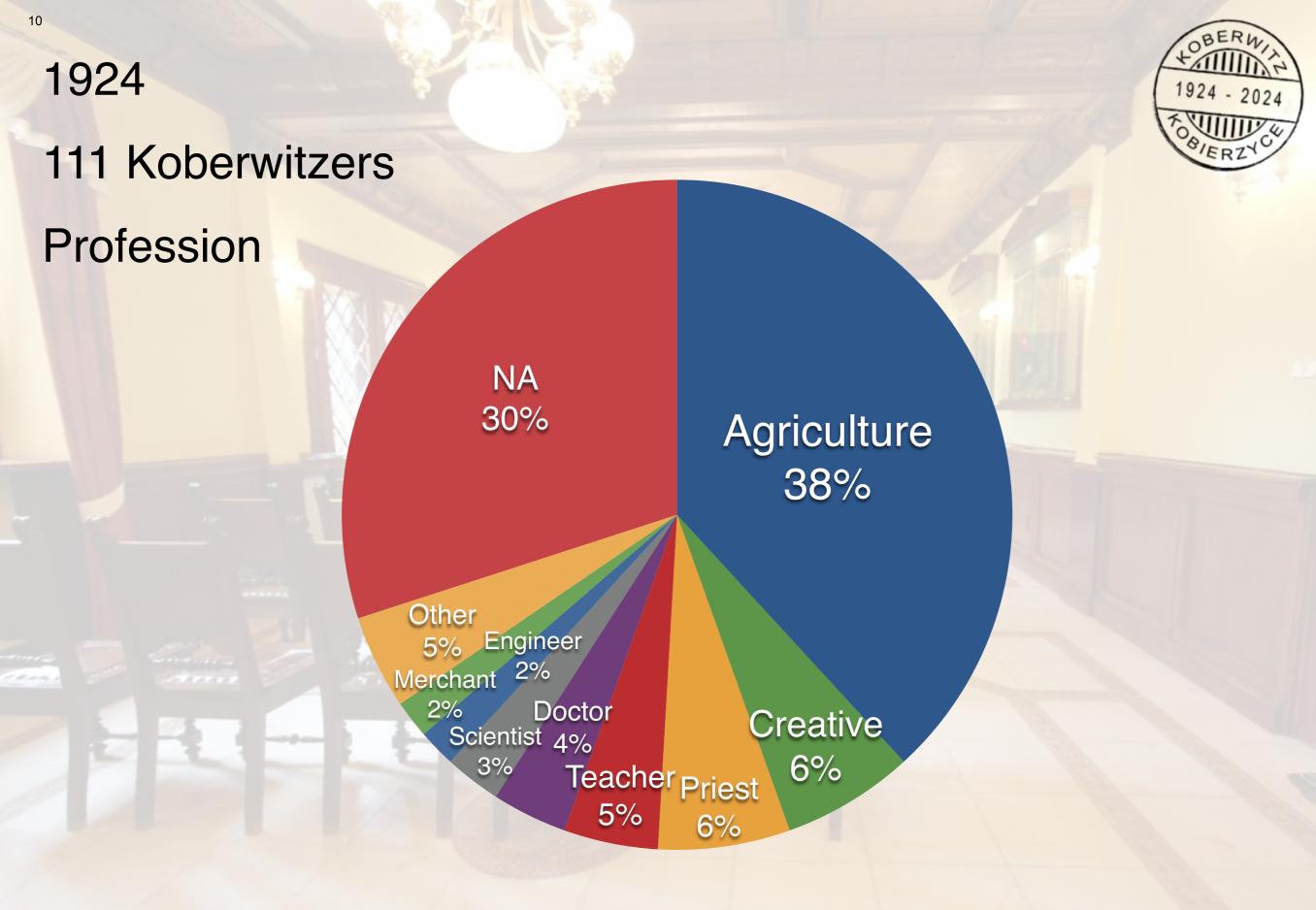
Johanna Keyserlingk p,61-62



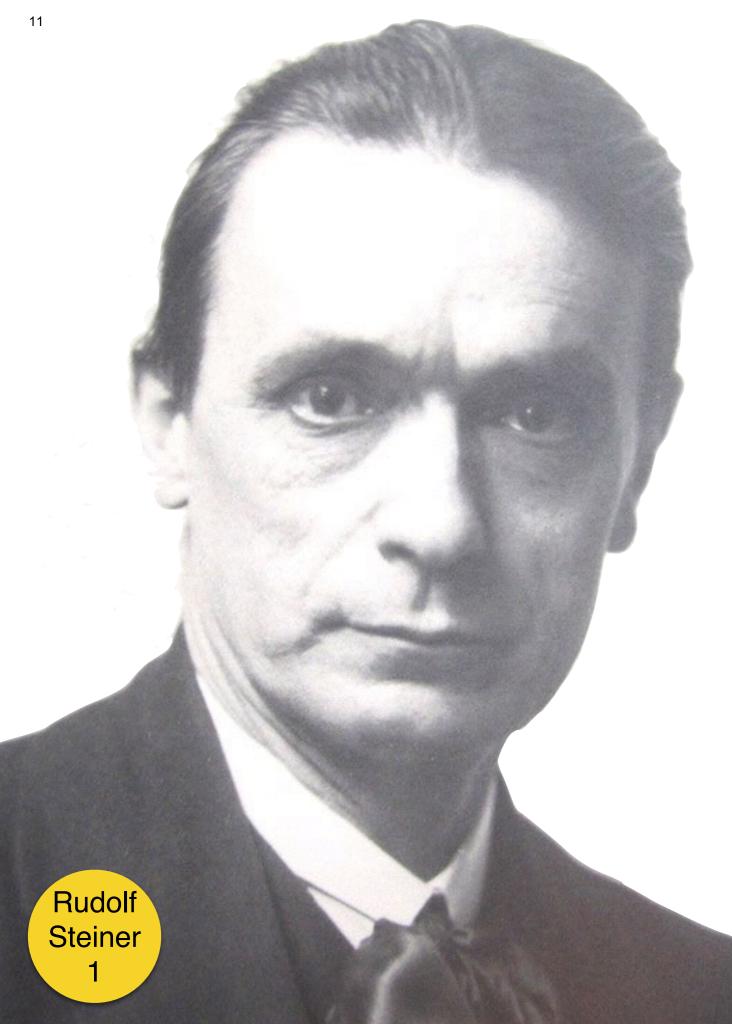
Paull (2011, 2020a)



Paull (2011, 2020a) *countries according to current borders



Paull (2011, 2020a)





Koberwitz 2. What?

Rudolf Steiner*

"It has long been the wish of a number of anthroposophists whose calling is connected with farming and agriculture that I should hold a course containing what there is to be said about agriculture from an anthroposophical point of view.

• • •

The aim of these lectures was to arrive at such practical ideas concerning agriculture as should combine what has been gained through practical insight and modern scientific experiment with the spiritually scientific considerations of the subject".

Steiner (1924, Anthroposophical Movement, p.9)



Dr. Rudolf Steiner Landwirtschaftlicher Kursus

13

*

*

gehalten zu Koberwitz 7. bis 16. Juni 1924

Herausgegeben von der naturwissenschaftlichen Sektion am Goetheanum

Exemplar Nr. 173

Heren Dr. Richard Schubers

1st edition c.1926 **Agriculture Course** * 8 lectures * 5 discussions * "hints" "what Anthroposophy has to say about agriculture"

Alle Rechte vorbehalten. Als Manuskript gedruckt. Diese Nachschrift ist war zur Verwendung durch die oben beneichnete Perstellichkeit bestimmt legendeine Vervielfältigung, ganze oder teilweine Weitergabe des Inhalts ist nur im Einverständnis mit dem Autor baw, mit der naturwissenschaftlichen Sektion am Goethearum rulässig.

image: J. Paull

*NDA

Rudolf Steiner*

"It was agreed that information given in the lectures should be considered first of all as hints, which for the present should not be spoken of outside this circle, but looked upon as the foundation for experiments and thus gradually brought into a form suitable for publication.

The Association was declared to be a union of persons attaching themselves to the Natural Science Section of the Goetheanum; its meetings were to be presided over alternately by Count Keyserlingk and Herr Stegemann.

The experimental work should be given definite aim and be continually guided by this section of the Goetheanum".

1st edition to 2nd edition

15

man die Landwirtschaft gestalten soll. Das Ganze, sowohl das Alta von nationalökonomischen Vorträgen wie das Schreiben von solche a chen ist ein offenbarer Unsinn. Aber offenbarer Unsing wird houte chern ist ein officialent. Denn selbstverständlich sollte i der erkennen, man über die Landwirtschaft nur sprechen kann, auch in ihrer spaze Gestalung, wenn man die Sache der Landwirtschaft ruerst als Unterla hat, wenn man wirklich weiß, was Rübenbau, Kartoffelbau, Getreida bedeuten. Ohne das kann man auch nicht über die nativalökonosi Prinzipien sprechen. Diese Dinge müssen aus der Sache heraut, nicht an irgendwelchen theoretischen Erwägungen festgestellt werden. Wenn mit in etwas spricht heute vor denjenigen Menschen, die an der Universität im Anzahl von Kollegs gehört haben über Nationalökonomie in bezug auf 2 Landwirtschaft, dans kommt ihnen das ganz absurd vor, weil ihnen & Sache so festrustehen scheint. Das ist aber nicht der Fall, über die Lud wirtschaft kann nur derjenige urteilen, der sein Urteil vom Feld, von Wald, von der Tierzucht hernimmt. Es sollte einfach alles Gerede af hören über Nationalökonomie, das nicht aus der Sache selber heram p nommen ist. Solange man das nicht einsehen wird, daß es ein bloßes Ge rede ist, was über den Dingen schwebund in nationalökonomischer Be ziehung gesagt wird, so lange wird es zu nichts Aussichtsvollem komme nicht auf diesem landwirtschaftlichen, nicht auf anderem Gebiete. Daß a so ist, daß man glaubt, aus den verschiedensten Gesichtspunkten her ühr die Dinge reden zu können, das kommt nur davon her, daß man wiedern innerhalb der einzelnen Lebensgebiete sellber nicht auf die Grundlage rurückgehen kann. Daß man eine Rübe ja als eine Röbe ansicht gewiß, sie schaut so und so aus, läßt sich leichter oder achwerer achnida, hat diese Farbe und diese oder jene Bestandteile in sich, das alles lan man sagen. Aber damit ist die Rübe noch lange nicht verstanden und w allen Dingen nicht das Zusammenleben der Rübe mit dees Acker, mit de ahreszeit, in der sie hift, usw. usser wondern man muß sich über folgente klar sein.

Ich wanne einen Vordeich seiberaschan, um auf anderen Lebensgeben das klar zu machen. Man sieht eine Magnetnadel, nun entdeckt, daß der Nadel immer mit eine einen Erde nabeza nach Norden, mit den anlen nach Söten zeigt. Man denkt nacht warum das eit, man sucht die Urah Stars nicht in der Magnetnadel, sondern in der ganzen Erde, inden mi Stars nicht in der Magnetnadel, sondern in der ganzen Erde, inden mi Stars nicht in der Magnetnadel, sondern in der ganzen Erde, inden mi Stars einen Seite den massetischen Nordpol, übrer anderen den magnetische Sötpol gibt. Werde jemand is der Magnetnadel selber die Ursache sehn daß sie sich so aigenzissig himsellt, so würde er einen Unsins reis 6 **** eine zwei de all dave aust steren.

More than 300 copyedits...

Denn in ihrer Lage kann man die Wassetnadel nur verstehen, wen m welcher Rezichung sie zur ganzen forde steht. Alles dag, was für Magnetnadel als vin Unsinn erscheint, das gilt für viele andere Dinge en Menschen als Sing, Wenn auch die Rübe in der Erde wächst, sousagen, wie sie ist in dieren ihren engen Grenzen, so ist das in dem Augenick ein Unding, wenn diese Rübe in ihrem Wachsen vielleicht abhängig omständen, die ear nicht einmal auf der Erde, undern on unzähligen. in der kosmiserten Umgebung der Erde vorhanden sind. Und so erklärt man ute vieles, so richtet man vieles im praktischen Leben ein, als ob man es nur zu tun häfte mit den engumgrenzten Dingen und nicht mit den Wirkungen, die aus der ganzen Welt kommen. Die einzelnen innehnistschaftlechen Gebiete haben furchtbar darunter gelitten und würden diese Diden viel mehr zeigen wenn nicht, ich möchte sagen, trotz aller Wissenschaft der neueren Zeit, ein gewisser Instinkt vorhanden wäre, wo man mit do ht commenorbeitet und nicht mit der Wissenschaft, Ich muß einem anderen Gebiete immer froh sein darüber, wenn diejenigen Menschen. die von ihren Arzten verschrieben haben, wieviel Gramm, Eleisch eie essen sollen, wieviel Kohl,- es haben manche Leute neben sich eine Wage und wiegen sich zu alles das, was da kommt auf den Teller - ich muß immer der denken. - das ist ja schön selbstverständlich, man soll so etwas issen, - es ist doch gut, daß der Betreffende auch den Hunger spürt, venn er sam noch nicht genug hat, daß noch dieser Instinkt vorhanden ist. p war der Instinkt egentlich allem zugrunde liegend, was Menschen tun multen, bevor eine Wissenschaft auf diesem Gebiete da war. Und diese Instinkte labor manchmal ganz sicher gewaltet; und man kann heute noch immer außerordentlich überrascht sein, wenn man in solchen alten Bauernkalendern die Bauernregeln liest, wie ungeheuer weise und verständlich das ist, was sie ausdrücken. Denn, um in solchen Diegen nicht abergläubisch zu sein dazu hat obh auch der instinkthaft sichere Mensch die Möglichkeit. enso wie man auserordentlich für die Bache tiefsinnige Ausprüche hat, he für die Aussaat und Ernte gelten, findet man es alle mögliche Firleanzereier Zum Beispier: Kräht der Hahmauf dem Mist, so rernet es, oder 6 bleibt, wie es ist. Der nötige Humor ist auch in diesem instinkthaften überall darinnen, an Abergläubische abzuwenen Es handelt sich, wenn hier vom anderoposophischen Gesichtspunkte aus gesprochen wird, wirklich darum, nicht zurückzugehen zu den alten Instinkten, sondern aus einer tieferen mistigen Einsicht heraus das zu finden, was die unsicher geworden Instinkte inner weniger geben können. Dazu ist notwendig, daß wir uns einlassen auf eine starke Erweiterung famit es ser richtiges men aliches Ryachopie stimpt -

abernieses solite to drive nie :

Dr. Rudolf Steiner

Landwirtschaftlicher Kursus

gehalten zu Koberwitz 7. bis 16. Juni 1924

Herausgegeben von der naturwissenschaftlichen Sektion am Goetheanum, Dornach

Als Manuskript gedruckt. Dieses Exemplar ist nur zur Verwendung durch die inseitig bezeichnete Persönlichkeit bestimmt. Vervielfältigung, ganze oder teilweise Weitergabe des Inhalts ist nur im Einverständnis mit dem Autor bezw. der naturwissenschaftlichen Sektion am Goetheanum zulässig.

2nd edition 1929

- Canonical edition
- Lilly Kolisko's notes
- settled
- 20 years

NDA

AGRICULTURE

RUDOLF STEINER

1929 **1st English edition** Progeny of 2nd edition Trans: George Kaufmann Typed: c.100 copies Typed by: Marna Pease 10+ years

AGRICULTURE COURSE

by

Rudolf Steiner, Ph. D.

Koberwitz, Silesia 7th to 16th June, 1924.

Issued on behalf of the Natural Science Section of the Goetheanum, Dornach, Switzerland, by Dr Guenther Wachsmuth.

> English Translation by George Kaufmann, M.A.

English Copy, nos E 52 for mill Heen macpherson, Dandemong

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1929 Typed Marna Pease Numbered Named **Experimental Circle** NDA



image: J. Paull

Crispian Villeneuve

"... all of Steiner's works ... present ... great difficulties to a translator ... at times ... unsurpassed in translational intractability".

Villeneuve, (2011, p.705)

RUDOLF STEINER

LANDWIRTSCHAFTLICHER KURS

GEISTESWISSENSCHAFTLICHE GRUNDLAGEN ZUM GEDEIHEN DER LANDWIRTSCHAFT

Rudolf Steiner

Landwirtschaftlicher Kurs. Geisteswissenschaftliche Grundlagen zum Gedeihen der Landwirtschaft. Mit tiefem Danke sehe ich auf die Worte zurück, die eben der Herr Graf Keyserlingk gesprochen hat. Denn es ist ja durchaus nicht bloß die Empfindung des Dankes derjenigen, die aus der Anthroposophie etwas entgegennehmen können, berechtigt, sondern es ist sozusagen auch wirklich der Dank der anthroposophischen Sache, der in unseter heutigen schwierigen Zeit allen Teilnehmern an anthroposophischen Interessen gezollt werden muss, ein solcher, den man net empfinden kann. Und so mochte ich geräde aus dem Geiste anthroposophischer Geunnung heraus in allerherelichster Weise danken für die eben ausgesprochenen Worte. Es in ja eine tiefbefriedigende Tatsache, dass es müglich ist, diesen landwirtschaftlichen Kursus gerade hier im Hause des Grafen und der Gräfin Keyserlingk abhähen zu können. Aus meinen früheren Besuchen weiß ich, welch wunderschön wirkende Atmosphäre, sch meine vor allem auch die geistig-seelische Atmosphäre. es hurr in Koherwitz gibt, und wir gerade dasienige, was hier an geistig-seelischer Atmosphäre lebt, ja die schönste Vorbedingung ist für dasjenige, was innerhalb dieses Karses gryptnehen werden soll. Rudolf Steiner Verlag

9th edition 2022 Lilly Kolisko's notes 488 pp.





Koberwitz 3. Where?

1924: Koberwitz, Germany 2024: Kobierzyce, Poland

Koberwitz Centenary: June 2024

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22

TRATIGITIES IN

CT.

Tunanhananhananhan

Koberwitz Summer: June 1924

image: Rudolf Steiner Archive

1924

Koberwitz June 1924

image: Rudolf Steiner Archive

Koberwitz June 1924

-

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39

Koberwitz June 1924



26

image: Rudolf Steiner Archive

Luise von Zastrow*

"Many sought refreshment in the park with its picturesque lakes, and thought that they had never before experienced more radiant Whitsuntide weather ...

It was his state of health which up until then had made people reluctant to trouble him".

Estate owner, in Keyserlingk (1999, p114)

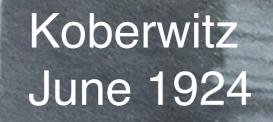
Koberwitz June 1924

IL au

elele

7,500 acres 3,035 hectares

28



*Johanna Keyserlingk

Johanna Keyserlingk*

"Saturday, 7 June 1924

Reception of all the course participants, most of whom came from Breslau by the morning train.

There were about 130 people, and several railway carriages were reserved every morning to bring them here.

Sunshine lay over all, over the house, the park and the flower gardens ...

Rudolf Steiner and Carl [Keyserlingk] stood outside at the side entrance to receive ... the distinguished guests".

in Keyserlingk (1999, p.62)



32

Now...

WITYM PARAGU WIKOBIERZYCACH W CZASIE ZIELONYCH ŚWIATEK W 1024 ROKU. RUDOLF STEINER (1861-1925) TWÓRCA ANTROPOZOFII PRZEPROWADZIE image: J Paul





Nowadays .



Paula Eckhardt*

"Koberwitz - what a wonderful time that was ...

That was during the bad times; people were glad get out into the country.

There was great muddle and fuss in Germany - but with us in Koberwitz it was like paradise, an island of peace and order - whilst allaround was tumult and uprisings ... the Reds were in Hamburg, the browns in Munich, and we had inflation.

Dr Steiner was always put up in the Countess's bedroom and drawing room, and Frau Doctor [Marie Steiner] in [another bedroom]".

Maid servant in Keyserlingk (1999, pp.109, 111,112)

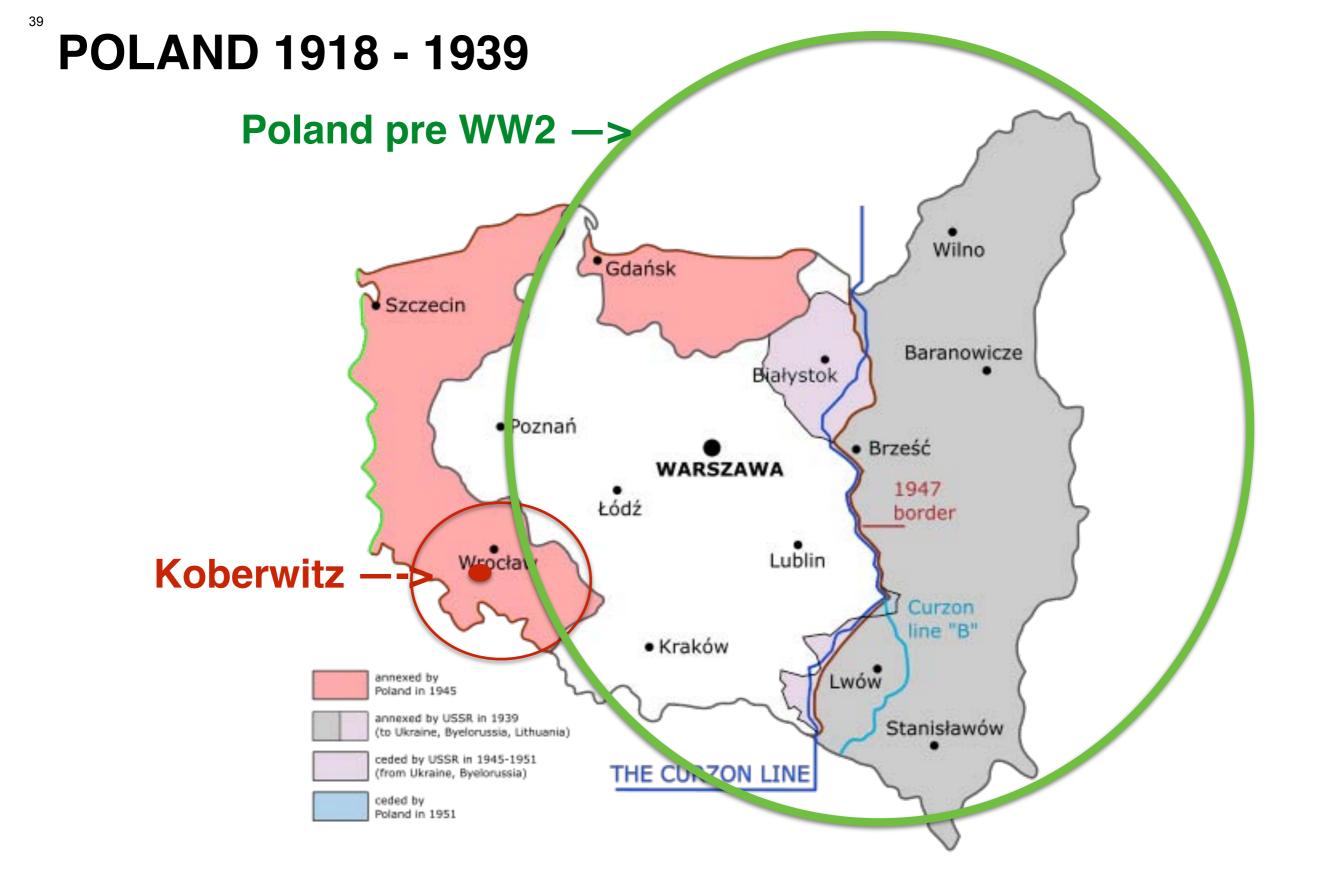
POLAND 1848-1918 - not on the map of Europe



38

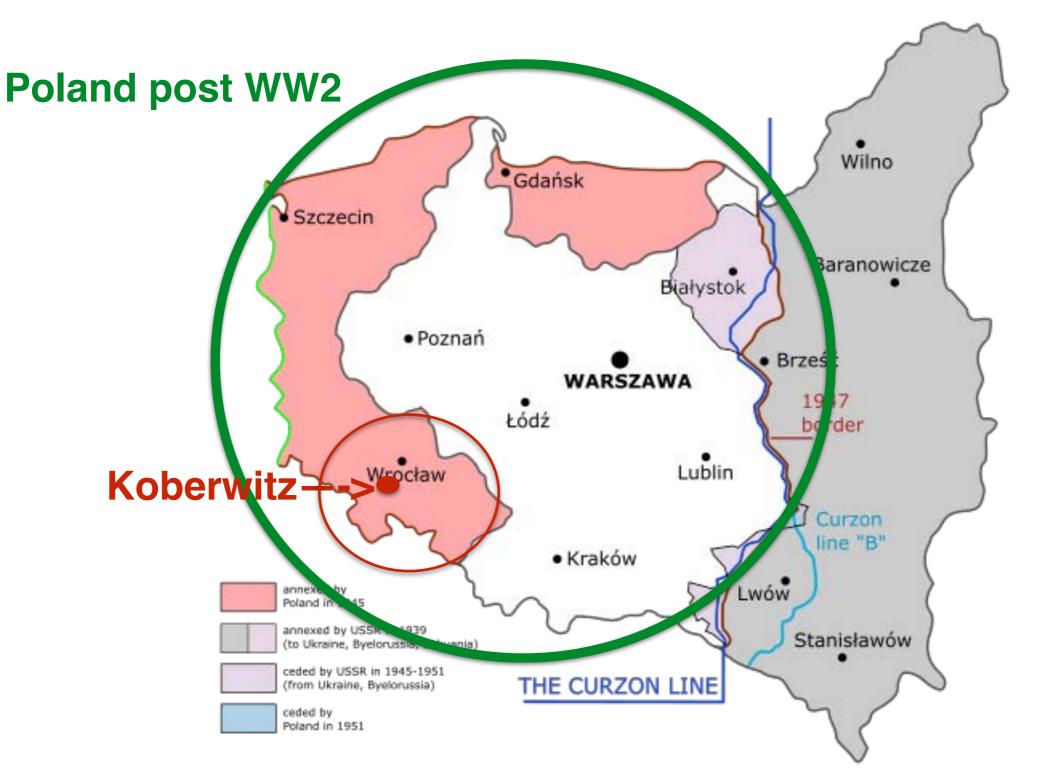
Russia

Escmono, 2009

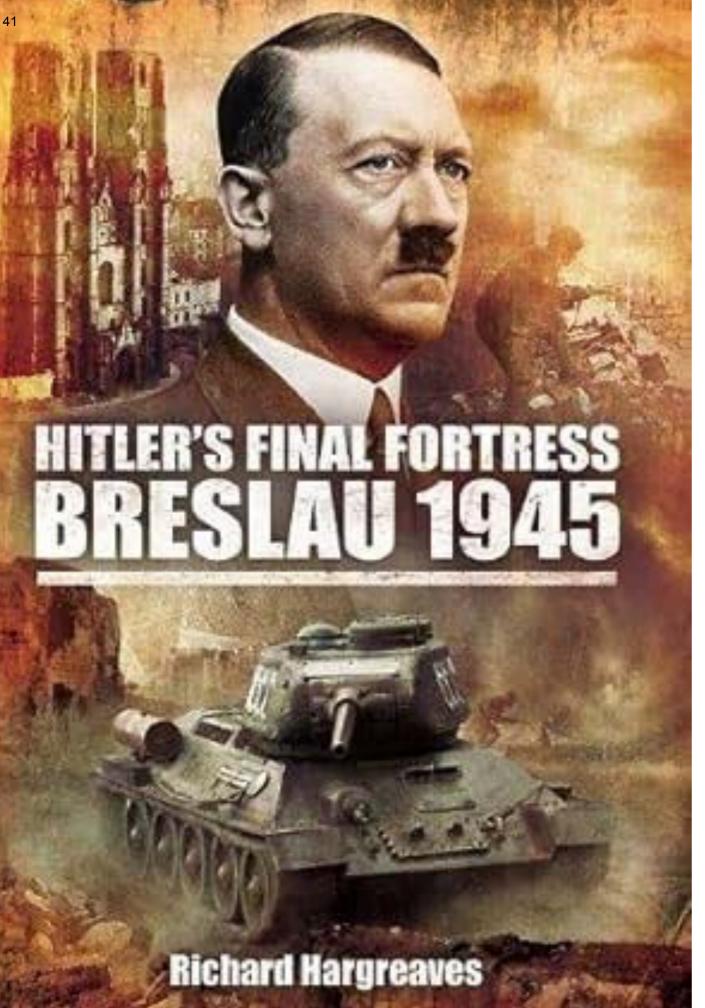


Koberwitz, Germany, in 1924





Kobierzyce, Poland, in 2024



'Fortress Breslau' Koberwitz was spared outside ring of encirclement



42

Richard Hargreaves

"Hitler's final fortress ... Festung Breslau would hold out longer than Königsberg, longer than Danzig, longer than Vienna, longer even than the capital of the Reich itself.

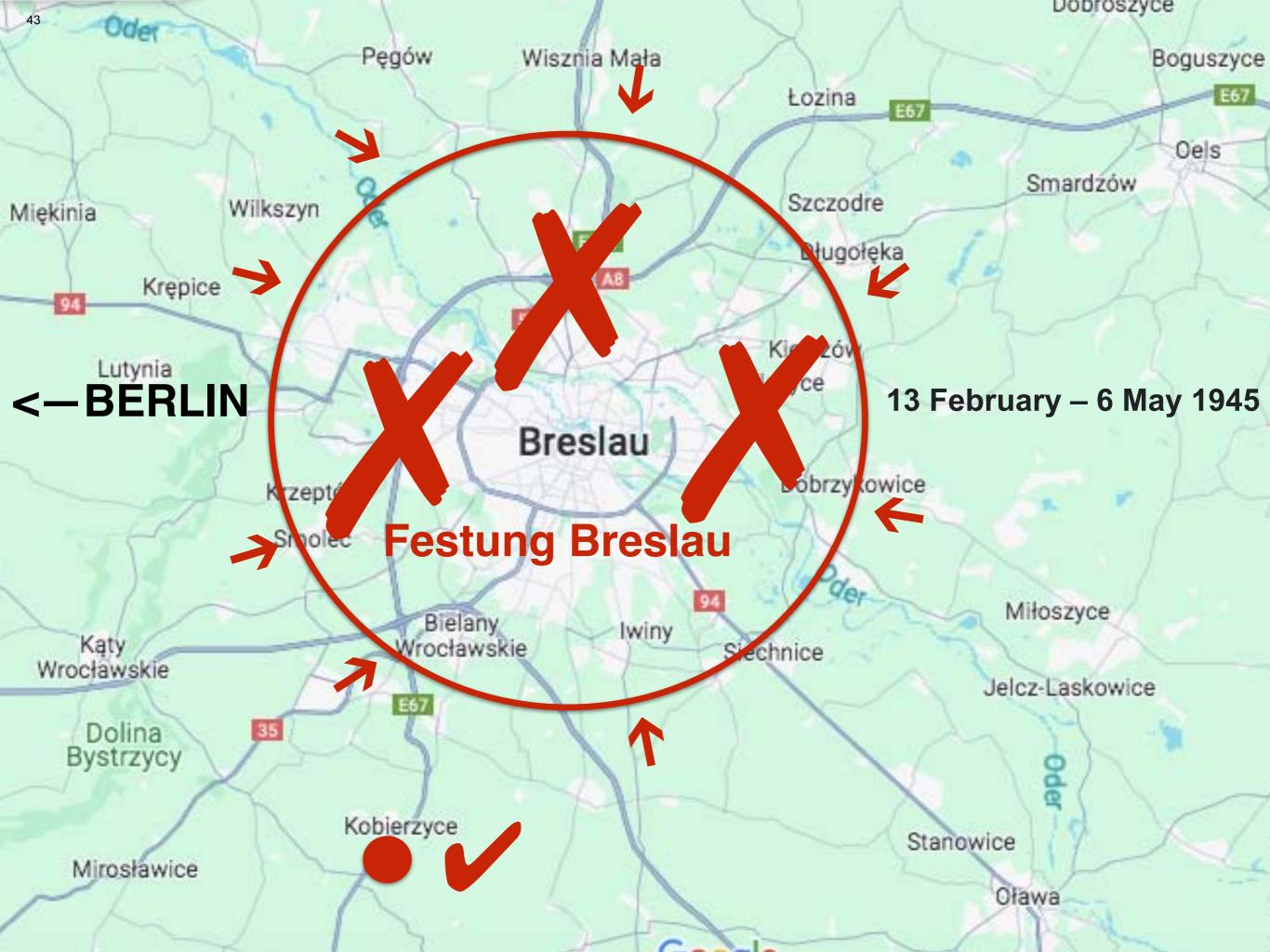
But Breslau and Breslauers would pay a terrible price for their obstinacy ...

The city they knew, the city they had grown up with, the city where they had feted Hitler and his cabal, the city that had been virtually untouched by war before 1945, would be no more.

Two thirds of all industry was destroyed. Seven out of ten high schools lay in ruins. Two in every three homes were uninhabitable. Nearly 200 miles of roadway were impassable - more that 600 million cubic feet of ash and rubble were lying in them.

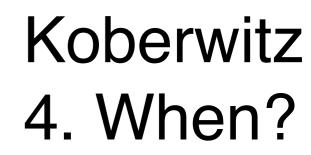
Eighty percent of the railway and tram network was wrecked. All electricity and seventy percent of telephone lines were down."

Hargreaves (2013)









Summer 7-16 June 1924

Summer



Koberwitz environs. image: J. Paul



THE YEAR THAT MADE HITLER

PETER ROSS RANGE

1924

tumultuous times in Germany

"In these hard times ..." Rudolf Steiner Lecture 1 Koberwitz

The Studio

- · 'atelier'
- retreat
- · Schreinerei

- Curative Education Course 25 June 7 July 1924
- Torquay 12 -20 August
- Sickbed 30 September 1924

```
Schweizerische Eldgenos Rate P 30 March 1925
Todesschein.
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Form, 8

Auszug aus dem Todesregister des Zivilstandskreises Dornach Kanton Solothurn tausend neun hundert fünfundzwanzig Am dreissigsten März um zehn Uhr Minuten ist gestorben zu Dornach, im Götheanum Steiner, Rudolf, Josef, Lorenz von Geras, politischer Bezirk, Horn, Oesterwohnhaft in . Dornach reich. geboren den 27. Februar 1861 Sohn de S Steiner, Johann und der Franziska geborenen Blie Zivilstand : Ehemann der Marie geborenen von Sivers

Für richtigen Auszug: aus Band V., seite 169, Nr. 11. Dornach , den 24. Oktober

9956.



Der Zististandsbeamte :

Death Certificate. image: Rudolf Steiner Archive





Koberwitz 5. How?

The Count

Count Carl Keyserlingk host prime mover Estate manager

*Elisabeth Vreede

53

Elisabeth Vreede*

"The memory rises once more of those wonderful days of the agricultural course.

We are filled with gratitude for this person (Count Carl Keyserlink) who by his iron energy persuaded the Teacher, before illness and death descended on him, to come over here and manage still to bestow this course on the world - given for farmers, and for the gain of all mankind".

Vreede (1925, p25)

Countess Johanna Keyserlingk

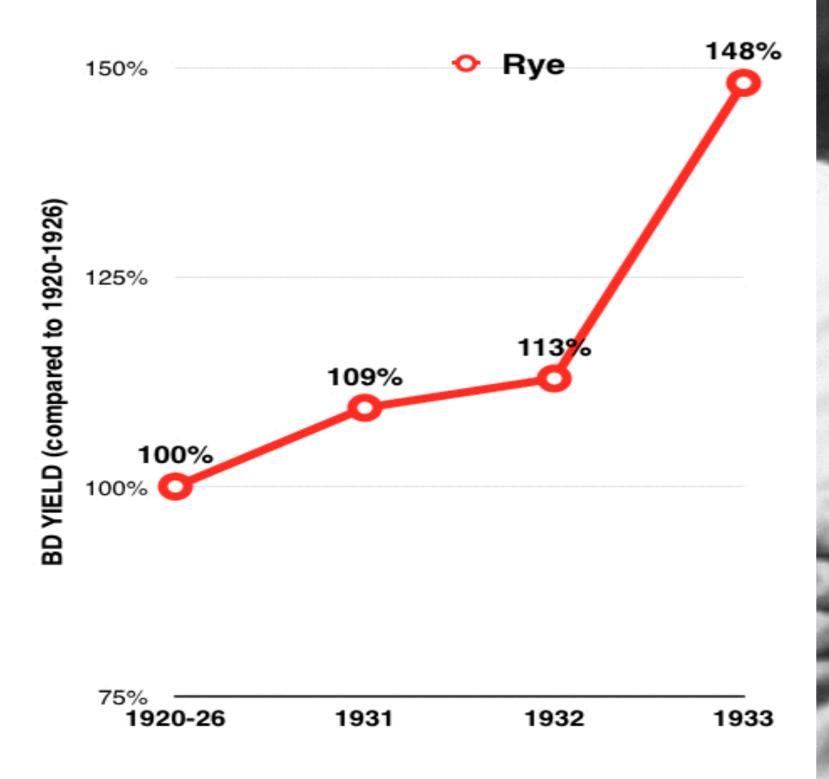




Koberwitz 6. So what?

- Experimental Circle
- Special needs education
- Food differentiation
- 'Biodynamic farming'
- World Biodynamics
- 'Organic farming'
- EPA
- IFOAM

So what? (i) Experimental Circle*



*Experimental Circle of Anthroposophical Farmers & Gardeners

Immanuel Voegele

Paull (2024)

Ernst Stegemann, Koberwitzer cereals

58

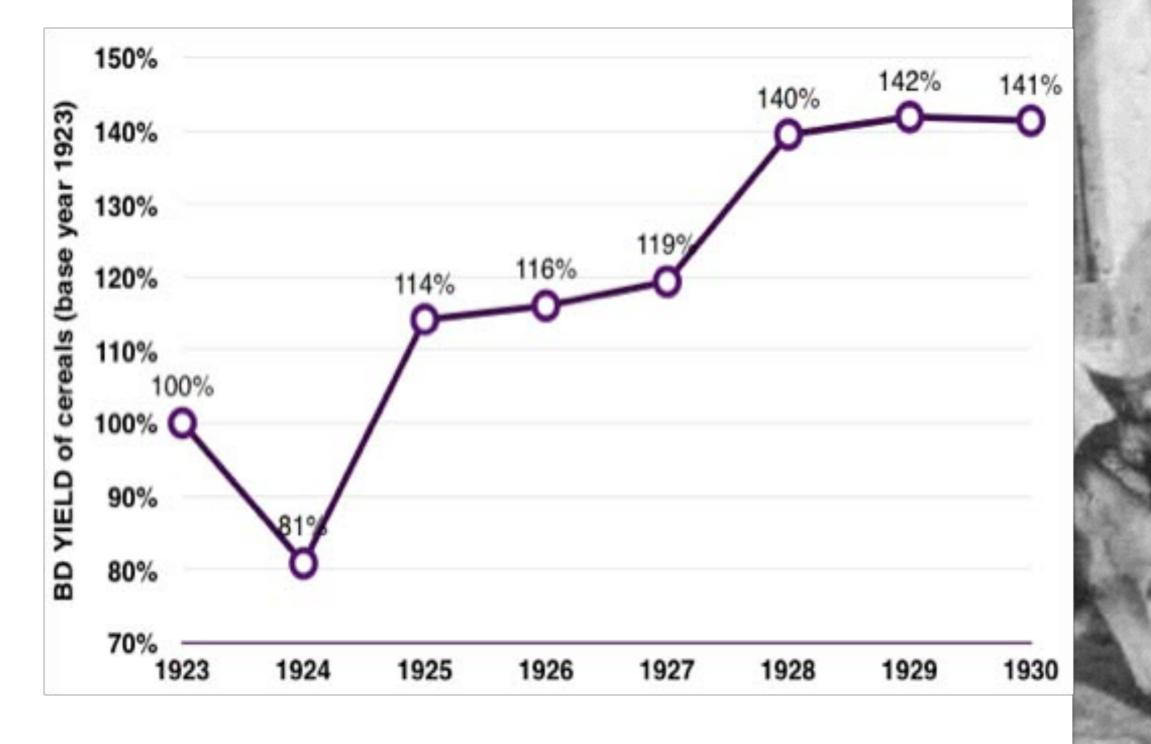


Image: Forschungsstelle Kulturimpuls

Paull (2023)



Anthroposophical Agricultural Foundation (AAF) Bray, UK

60

Rudolf Steiner 2

image: private collection

Rudolf Steiner*

"I completed what I had to say on agricultural matters ...

... the contents of these lectures were to serve, in the first place, as working material for the Association of farmers [the Experimental Circle] which had just been founded in the Anthroposophical Society.

No kind of communication was to be made about the contents of the Course until such time as the members of the Association felt impelled to speak out of the results of their own experimental work ... and not to report on it elsewhere".

Steiner, (1924, Anthroposophical Movement, p.17)

UK Experimental Circle 1946 UK



The Black Bear, Jena, Germany

*Guenther Wachsmuth

image: J. Paull

-

Guenther Wachsmuth*

"He set forth concrete measures necessary for the development of an agricultural undertaking as an organism with its own foundation, self-inclosed as a living unity and totality...

I still remember vividly how, during the journey between Breslau and Jena, after a period of silent reflection about the [agricultural] conference, he said suddenly with a strong and joyful emphasis: 'Now we have accomplished also this important work'.

Seldom have I seen him so joyfully moved after the completion of a task as in this moment after the agricultural conference. ...

All of this was brought to completion while the earthly body [of Rudolf Steiner] in the last years bore inexpressible suffering".



So what? (ii) Special Needs Education

66

Lauenstein, Jena, Germany, June 1924

Curative Education Lauenstein, Jena, Germany,1924 [®]Lauenstein, Jena, Germany, Centenary, 2024

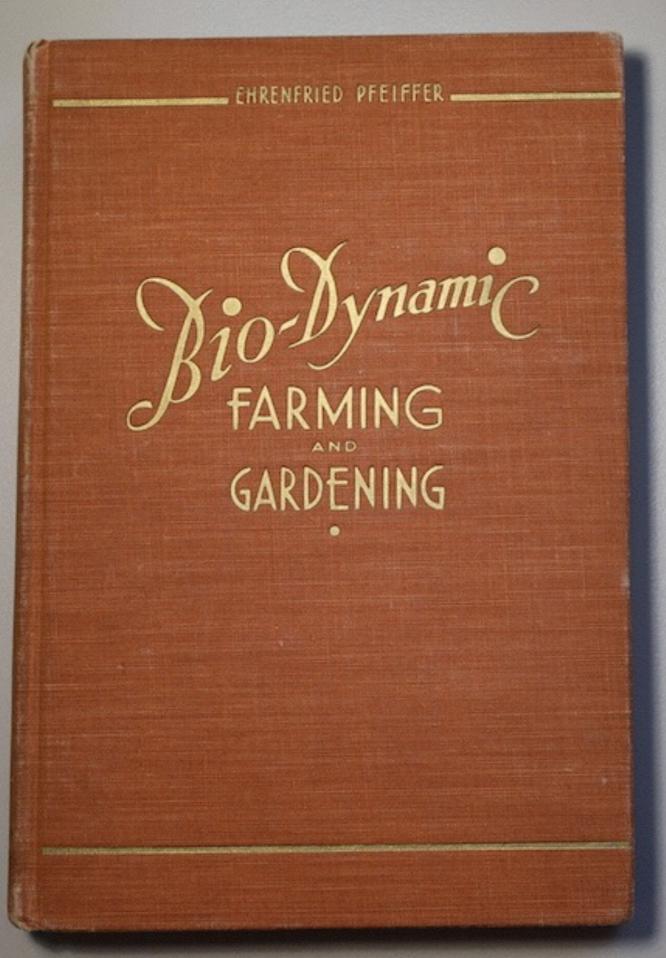
So what? (iii) Food differentiation

69



1930s

- Biodynamic
- Standard
- Logo
- Labelling



70

So what (iv) Global dissemination

Ehrenfried Pfeiffer 1938

- English
- German
- French
- Italian
- Dutch

Ehrenfried Pfeiffer Whistleblower

"Find out what works, and tell the world" Rudolf Steiner





Ehrenfried Pfeiffer

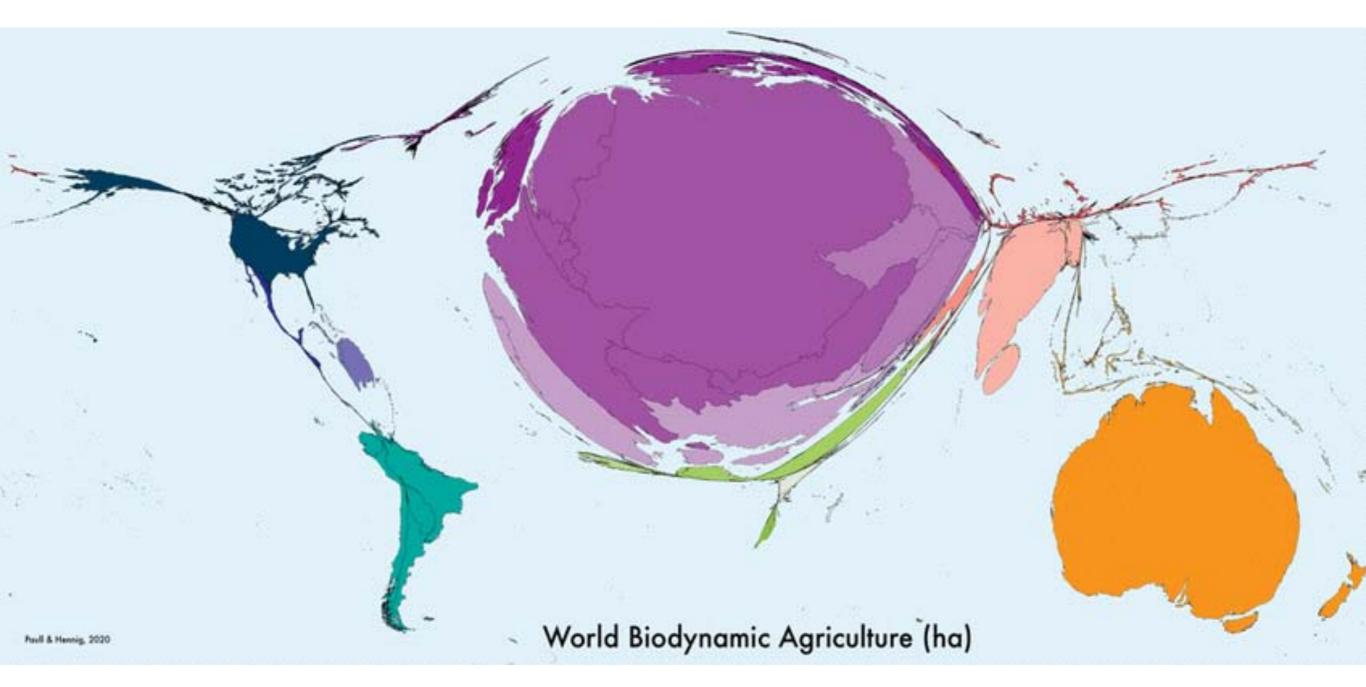
"The most important thing is to make the benefits of our agricultural preparations available to the largest possible areas over the entire earth, so that the earth may be healed and the nutritive quality of its produce improved in every respect.

That should be our first objective.

The experiments can come later".

Pfeiffer (1958,)

⁷³ So what (v) Global uptake



Biodynamic agriculture: 309,500 hectares* 60 countries

map: Paull & Hennig (2020) *BFDI + Australia

So what vi) Organic agriculture

1939

- British 'Biodynamic farmer'
- Lord Northbourne
- Oxford
- Betteshanger Conference, UK, July 1939
- Ehrenfried Pfeiffer

Betteshanger BD Summer School

1-9 July 1939Lord Northbourne's farmKent

Ehrenfried Pfeiffer Whistleblower

"Find out what works, and tell the world"

Rudolf Steiner



1 September 1939: Germany invades Poland

German forces have invaded Poland and its planes have bombed Polish cities, including the capital, Warsaw.

The attack comes without any warning or declaration of war.

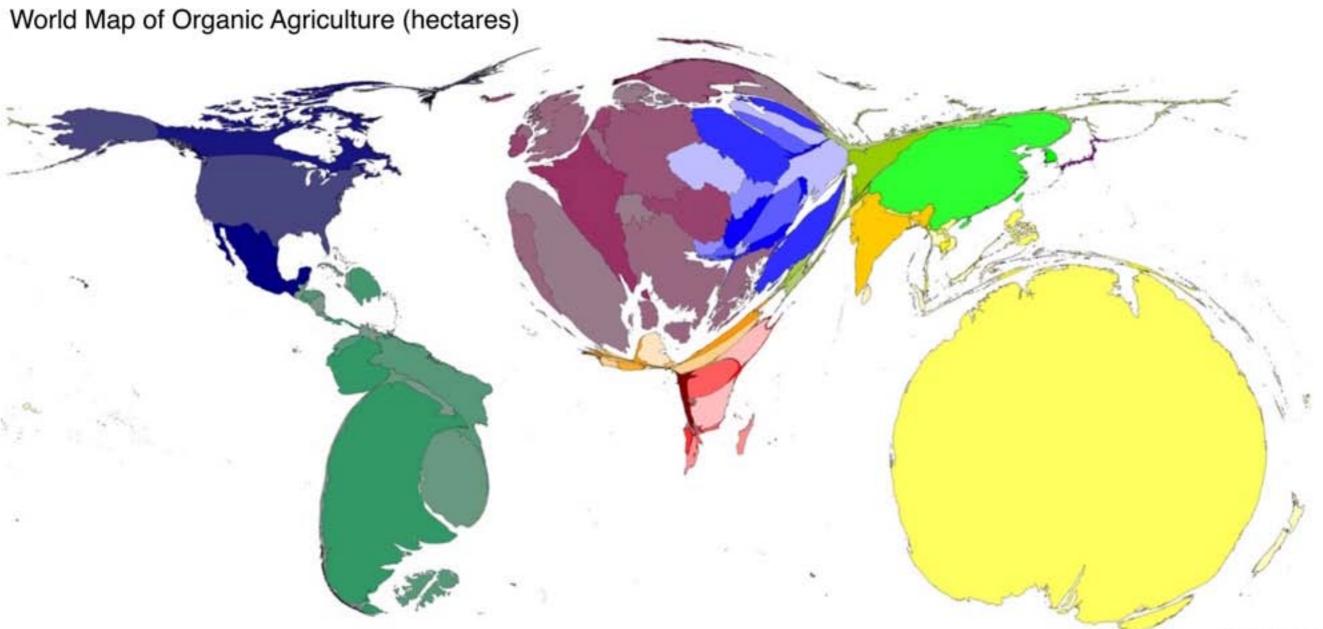
Britain and France have mobilised their forces and are preparing to wage war on Germany for the second time this century.

Just before dawn today, German tanks, infantry and cavalry penetrated Polish territory on several fronts with five armies, a total of 1.5 million troops.

BBC, 1 September 1939

1940

- Lord Northbourne
- "the farm is an organism">"organic farming"
- Book: 'Look to the Land' 1940
- "chemical versus organic farming"



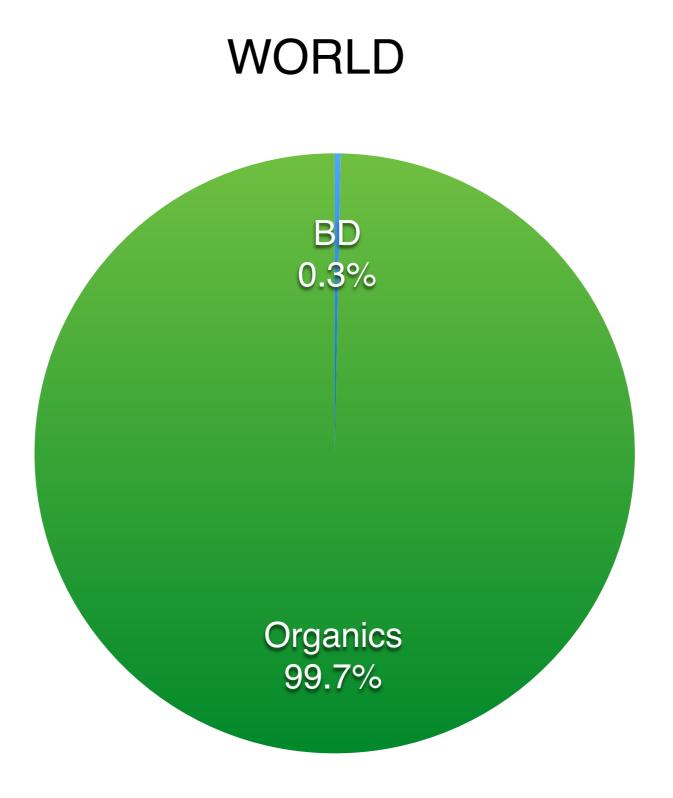
Paull & Hennig (2016)

Organic agriculture: 96.3 million hectares* 188 countries €135 billion pa

map: Paull & Hennig (2016) *Willer et al, 2024

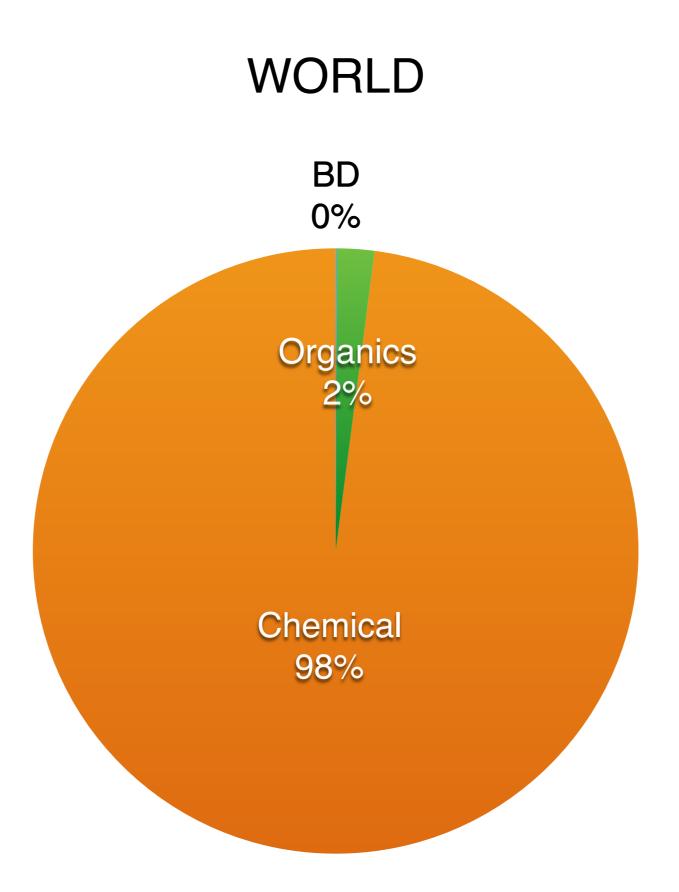
WORLD BD 0% Organics 100%

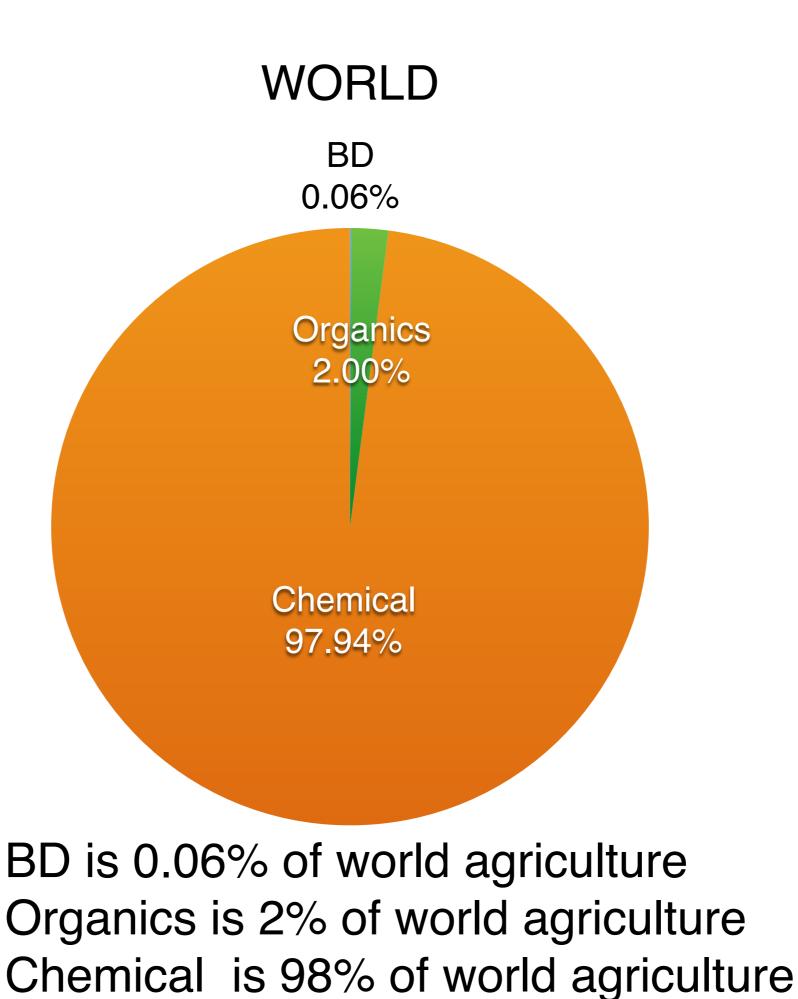
79



*BD is 0.3% of world organics

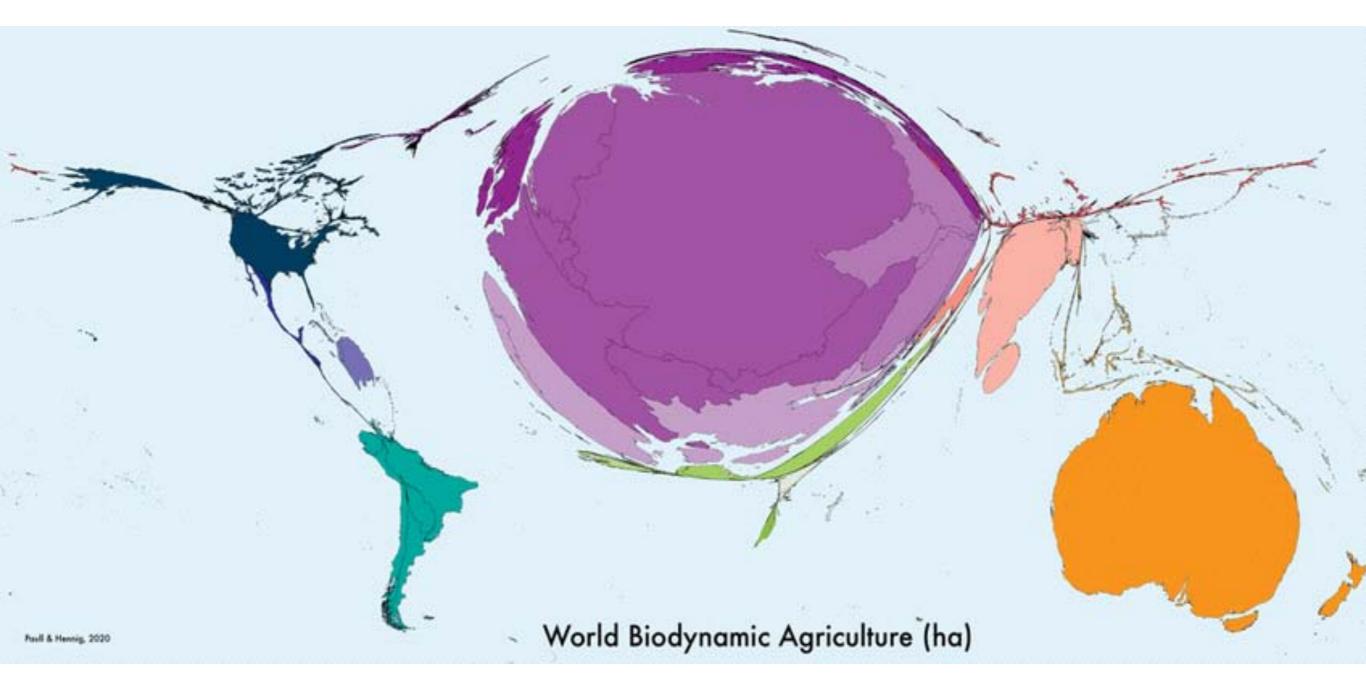
Paull (2024)





Paull (2024)

Challenge?



Biodynamic agriculture: 309,500 hectares* 60 countries Australia? No BFDI & 3 BD certifiers

map: Paull & Hennig (2020) *BFDI + Australia [™]So what? (vii) EPA

2 US Biodynamic farmers Marjorie Spock & Polly Richards Long Island Spray Trial (1957-60) & Ehrenfried Pfeiffer

Rachel Carson 'Silent Spring' 1962

> Paull (2013) image: USFWS









Environmental Protection Authority



ENVIRONMENT PROTECTION AUTHORITY

[®]So what? (viii) IFOAM - Organics International

1972



ORGANIC AGRICULTURE MOVEMENTS

Swedish Biodynamic Association one of 5 founders of IFOAM







Dr John Paull j.paull@utas.edu.au johnpaull.academia.edu



Ruskin Mill Trust rmt.org 5 July 2024

Abstract Koberwitz: So What?

A century ago, Dr Rudolf Steiner (1861-1925), New Age guru, presented eight lectures on agriculture. His 'Agriculture Course' in the Summer of 1924 was presented at the estate managed by Count Carl Keyserlingk at Koberwitz, Germany (now Kobierzyce, Poland), near the city of Breslau (now Wrocław). Rudolf Steiner was neither farmer nor gardener, and nine months later he was in the grave. So what of that course, to a group of 111 Anthroposophists delivered in an obscure village, that remains obscure to the present day?

Steiner's call was for farming that focussed on biology rather than chemistry. An immediate outcome of his proposed Anthroposophic farming was the founding, at Koberwitz, of the 'Experimental Circle'. The Circle was tasked with putting his ideas to the test, finding out what works, and then to promulgate and publish the results. Steiner's ideas were evolved into the formulation of 'Biodynamic farming'. Produce was differentiated with the 'Demeter logo', standards were developed along with certification. Biodynamics (BD) is now practiced in 60 countries with 309,500 certified BD hectares.

Steiner's core characterisation was that 'the farm is an organism'. An English BD farmer, Lord Northbourne, subsequently coined the term 'organic farming' (in 1940) foreseeing a contest of 'organic farming' versus 'chemical farming'. In 1972 organic and biodynamic societies collectively founded the 'International Federation of Organic Agriculture Movements' (IFOAM), as an advocacy group. Organic agriculture (OA) is now practiced in 188 countries, and accounts for 96.3 million certified organic hectares and €135 billion per annum.

Two US BD farmers, Marjorie and Mary Richards contested the aerial spraying of DDT by the US government. While their legal actions were unsuccessful, the compilation of international evidence against DDT was, in the hands of Rachel Carson, transformed, into the book 'Silent Spring' (1962). This led to the founding of the US Environmental Protection Agency (EPA). Most governments now have their own EPA.

On his return journey from Koberwitz to Anthroposophy HQ at Dornach (Switzerland) (in 1924), Steiner made a stopover at Lauenstein, Jena (Germany). This was the beginning of Rudolf Steiner's 'Curative Education' movement (more recently characterised as 'special needs education' and 'therapeutic education'). The Ruskin Mill Trust continues Rudolf Steiner's legacy, from Koberwitz 1924, of biodynamic farming and therapeutic education.

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