

*Return to
Eva Reich, M.D.*

WILHELM REICH

Biographical Material

HISTORY OF THE DISCOVERY
of the
LIFE ENERGY

(American Period, 1939-1952)

Documentary Volume
A - XI - E

THE EINSTEIN AFFAIR



1953

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THE EINSTEIN AFFAIR (A-17-E)
Chronological List of Documents
(Catalogue Nos. E 1-26)

CAT. No.	DATE	FROM KIND	TO BY	SUBJECT	CROSS REF.
<u>1940</u>					
1	12/30	WR	Albert Einstein	Attempt to delegate responsibility for physical OR research.	
1a		Same - translation			
<u>1941</u>					
2	1/8	AE	WR	Appointment for discussion.	
2a		Same - transl.			
3	1/8	WR	AE	Propose appointment January 15.	
3a		Same - transl.			
4	1/9	AE's Secretary	WR	AE agrees.	
4a		Same - transl.			
5	1/18	WR	AE	Will bring ergonoscope. Special T ⁰ -T apparatus ordered.	
5a		Same - transl.			
6	1/28	WR	AE	T ⁰ -T apparatus ready.	
6a		Same - transl.			
7	1/29	AE's Sec'y	WR	AE glad to see WR.	
7a		Same - transl.			
8	2/8	WR	AE	Details on T ⁰ -T measurements.	
8	2/7	AE	WR	<u>Confirmation of temperature differences. Misinterpretation!</u>	
9a		Same - transl.			
10	2/20	WR	AE	Refutation of misinterpretation by measuring in <u>open air</u> .	
10a		Same - transl.			
11	5/1	WR	AE	Positive effects of OR in cancer cases.	
11a		Same - transl.			
12	5/17	WR	AE (NS) [*]	WR puzzled about AE's silence.	

^{*} Not Sent.

CAT. No.	DATE	FROM KIND	TO BY	SUBJECT	CROSS REF.
<u>1941</u>					
12a		Same - transl.			
13	9/23	WR	AE	On electroscopic results.	
14	Oct.	WR	AE (HS)	Increased puzzlement.	
14a		Same - transl.			
15	11/6	OCRL*	AE's Sec'y	Return of apparatus requested.	
15a		Same - transl.			
16	11/14	OCRL	AE's Sec'y	Instruments received. Orgonoscope missing.	
16a		Same - transl.			
17	11/18	AE's Sec'y	OCRL	Orgonoscopes accepted by AE as present from WR, but will return if needed.	
17a		Same - transl.			
18	11/26	OCRL	AE's Sec'y	Orgonoscopes needed. Return requested.	
18a		Same - transl.			
<u>1942</u>					
19	1/15	OCRL	AE's Sec'y	Request repeated.	
19a		Same - transl.			
20	1/16	AE's Sec'y	OCRL	Orgonoscope forwarded.	
20a		Same - transl.			
<u>1943</u>					
21	9/6	WR	A. S. Neill	Review of AE puzzle so far.	
<u>1944</u>					
22	2/8	Theodore P. Wolfe, M.D.	AE	Draft of letter.	
23	2/14	TPW	AE	Request permission to publish confirmation of T ⁰ -T. Rumours are spread that control experiments disproved findings.	
24	2/16	AE	TPW	Permission not granted.	
25	2/16	WR	John P. Chandler	Sending documents on EE affair. May have to be cleared up publicly.	

* Orgone Cancer Research Laboratories

CAT. No.	DATE	FROM KIND	TO BY	SUBJECT	CROSS REF.
<u>1944</u>					
26	2/17	Notes	WR	Points on AE affair.	
27	2/18	WR	TPW	Summary of background on AE affair.	
28	2/20	WR	AE	Protests insult.	
28a		Same - transl.			
29	2/24	AE	WR	Request to treat AE's utterances with discretion.	
29a		Same - transl.			
30	2/25	WR	John P. Chandler	Keep AE's material confidential.	
31	3/2	WR	A. S. Neill	Further summary of AE puzzle.	
32	3/5	WR	AE (EE)	Attempt to clarify puzzle.	
32a		Same - transl.			
33	3/16	WR	Obermayer	Deposit of documents.	
<u>1950</u>					
34	Undated	Notes	WR	WR brooding over puzzle.	
35	5/17	Article	New York Times	Apparent solution of puzzle; Moscow Medju had been at work all the while.	
<u>1952</u>					
36	12/22	Notes	Lois Wyvell	WR on AE's theoretical agreement with character structure of 20th century man.	

Copie

den 30. Dezember 1940

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Professor Albert Einstein
Institute for Advanced Study
Princeton, N.J.

Sehr geehrter Professor Einstein,

Ich möchte Sie gern in einer wissenschaftlich schwierigen und drängenden Angelegenheit sprechen. Mein Fach ist Bio-Physik und psycho-somatische Forschung. Ich war von 1922 bis 1938 Assistent Freuds an der Wiener Poliklinik und lehre jetzt experimentelle und klinische Bio-Psychologie an der New School for Social Research in New York.

Ich habe vor mehreren Jahren eine spezifisch biologisch wirksame Energie entdeckt, die sich in vielen andern verhält als das, was über die elektro-magnetische Energie bekannt ist. Die Sache ist zu kompliziert und klingt zu unwahrscheinlich, um kurz in einem Brief verständlich dargelegt zu werden. Ich kann nur andeuten, dass ich die Energie, die ich Orgone nannte, ausser am lebenden Organismus auch im Erdboden und in der Atmosphäre sichtbar, konzentrierbar und messbar als vorhanden sichern konnte und mit ihr in der Krebtherapie-Forschung mit einigen Erfolg operiere.

Die Sache wächst mir sachlich und materiell über den Kopf und bedarf breiter Kooperation. Es gibt Anhaltspunkte dafür, dass sie im Kampf gegen die faschistische Pest von Nutzen sein könnte. Ich habe ausser einer ganz knappen Mitteilung vor 1 1/2 Jahren über die Aufladung von Isolatoren durch Körper- und Sonnenstrahlung nichts publiziert. Gegenwärtig läuft die Patentierung zweier Apparate. Die Sache ist zu entscheidend um sie der Gefahr auszusetzen, durch den Irrationalismus im wissenschaftlichen Getriebe, wie es so oft passiert, erledigt zu werden. Es wäre in jedem Sinne gut und fruchtbar, wenn ich Ihnen über die Sache erzählen könnte, ehe ich Sie bitte, sich die Erscheinungen in meinem Laboratorium anzusehen. Meine Vorsicht, den üblichen Weg der Einsendung eines Berichts an die Physikalische Akademie zu gehen, muss sonderbar anmuten; sie entspringt ausserordentlich bösen Erfahrungen.

Mit herzlichem Gruss

Ihr

Wilhelm Reich

IV a

Translation of letter from Reich to Einstein

Signature

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December 30th, 1940

E-1a

Dear Professor Einstein:

I would like to talk to you in a scientifically difficult and urgent matter. I am working in bio-physics and psychosomatic research. From 1922 until 1930, I was Freud's assistant at the Vienna Polyclinic, and I am at present teaching experimental and clinical bio-psychology at the New School for Social Research in New York.

Several years ago, I discovered a specific biologically effective energy which behaves in many respects differently as all that is known about electro-magnetic energy. The entire matter is much too complicated and sounds too incredible to be clarified and presented comprehensibly in a letter. All I can say now in a few words is that this energy, which I called "Orgone" has definitely been proven as existent in the living organism as well as in the soil and the atmosphere, by making it visible, by concentrating it and by temperature measurements. I am also operating with this energy with some success in research of cancer-therapy.

The matter is growing factually as well as economically far above my forces and needs cooperation on a large scale. There are a few points which make it seem possible that it could be used in the fight against the Fascist pestilence. Besides a short information which was published 1 1/2 years ago about the charging of insulators through radiation from body and the sun, nothing has been published. At present I have filed a patent application for 2 apparatus. The matter is much too important as to expose it to the dangers of complete destruction through the irrationalism in the scientific world, as so often happens. It would be good and useful in every way if I could let you know more about the matter before I would ask you to come to my laboratory and to look at the phenomena. My caution not to use the usual way of sending a report to the Academy of Physics may seem strange; it is the result of extremely bad experiences.

Cordially yours,

signed:

Wilhelm Reich

Wilhelm Reich

translated by IO.

6. Januar 1941

Dr. Wilhelm Reich
75-02 Kessel Str.
Forest Hills L.I.N.Y.

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of the
ORGONE INSTITUTE E-2

Sehr geehrter Herr Reich:

Ich bin gerne bereit, Ihre wissenschaftliche
Angelegenheit mit Ihnen durchzusprechen und schlage Ihnen
vor, mich an einem Nachmittag zu besuchen nach vorheriger
Anmeldung.

Freundlich grüsst Sie

Ihr

A. Einstein

A. Einstein
112 Mercer Street
Princeton, New Jersey
U.S.A:

Trd.

January 6th, 1941

Dr. Wilhelm Reich
75-02 Kessel Street
Forest Hills, L.I., N.Y.

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of the
ORGONE INSTITUTE E-2a

Dear Mr. Reich:

I am very willing to talk over your scientific
matters with you, and would propose that you come to
see me some afternoon, after having made an ap-
pointment in advance.

With kind regards

Yours,

(signed): A. Einstein

den 8. Januar 1941

Herrn Professor Albert Einstein
112 Mercer Street
Princeton, N.J.

ARCHIVES
of the
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Sehr geehrter Professor Einstein,

Ich erhielt Ihren Brief vom 6. Januar und schlage
Montag, den 13. Januar, etwa um 4 Uhr nachmittag vor.
Ich bitte Sie mich zu verständigen, wenn Ihnen diese
Zeit nicht passen sollte. Ich kann mich jeder Zeit
frei machen und zu Ihrer Verfügung stehen, mit Aus-
nahme des Mittwochs, wo ich Vorlesung habe.

Mit herzlichem Gruss

Ihr

W. Reich

Translation IOR

January 8th, 1941

Trd.

Professor Albert Einstein
112 Mercer Street
Princeton, N. J.

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ORGONE INSTITUTE E-3a

Dear Professor Einstein:

I received your letter of January 6th, and would
propose an appointment on Monday, January 13th, at about
4 p.m. Kindly let me know if this time is not convenient
for you. I can get off at any time with the exception of
Wednesdays, when I hold my lectures.

With kind regards,

Yours

(signed)

Wilhelm Reich

Wilhelm Reich

9.1.41

Sehr geehrter Herr Professor Reich:

Professor Einstein wird sich freuen, wenn Sie ihn zu der von Ihnen vorgeschlagenen Stunde besuchen werden.

Mit ausgezeichnete Hochachtung

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1. Auftrags: *H. Dukas*
Sekretärin

E-4

112 Mercer Street
Princeton, N. J.

January 9, 1941

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INSTITUTE

E-4a

Dear Professor Reich:

Professor Einstein will be glad to see you at the time proposed by you.

Yours very truly,

(signed)

H. Dukas

Secretary

Den 15. Januar 1941

Herrn Professor Albert Einstein
112 Mercer Street
Princeton, N.J.

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E-5

Sehr geehrter Herr Einstein:

Ich habe heute den Apparat zur Beobachtung der Temperatur-Differenz durch Orgonstrahlung in Auftrag gegeben. Er wird kleiner sein als die Apparate, die ich hier benütze, 2/3 cubicfoot statt 1 cubicfoot. Er wird an der vorderen Wand mit einer Cellulose-Ester Scheibe (und innen mit der Möglichkeit der Einschaltung eines matten grünen Lichtes) zur Sichtbarmachung der Strahlung ausgestattet. Der Apparat dürfte in etwa 8 Tagen fertig sein. Ich werde ihn hier auf seine Funktionsfähigkeit prüfen und Ihnen dann bringen.

Ich möchte Ihnen hier nochmals herzlichst für Ihre so ausserordentlich freundliche Bereitschaft danken, sich der Sache anzunehmen. Wie ich Ihnen bereits mündlich sagte, möchte ich nichts über die ganze Sache publizieren, so lange ich nicht die Möglichkeit habe, die beobachteten Erscheinungen 100%ig exakt, mit entsprechenden Mitteln durchgeführt, zu sichern.

Das Gespräch mit Ihnen hat mir ausserordentlich viel gegeben. Die Benützung des dort geliebten Orgonoskops wird Ihnen Freude machen, wenn Sie sich daran gewöhnen. Sie können die Szintillationen mit und ohne die Cellulose-Ester Scheibe beobachten. Sie sind mit der Scheibe nur deutlicher. Der Metallschirm muss immer am Stigonoskop sein, wenn es nicht benützt wird, um Sonnenlicht von der Cellulosescheibe abzuhalten. Sie ist mit Calciumsulphid innen bestreut, Sie können aber auch Zinksulphid oder auch die Scheibe allein, unpräpariert, benützen. Am wolkenlosen und mondlosen Nachthimmel genügt das Rohr allein zur Beobachtung der Strahlung.

Ich vergass bei Ihnen eine Skizze und eine Rolle mit graphischen Darstellungen. Ich werde sie mir abholen, wenn ich den Apparat bringe.

Mit sehr herzlichem Gruss

Ihr

W. R. Ruck

Translation IOR

d.

January 15th, 1941

Professor Albert Einstein
112 Mercer Street
Princeton, N. J.

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E-5a

Dear Mr. Einstein:

I have ordered today the apparatus for the observation of the temperature difference through the orgone radiation. The apparatus will be smaller than those which I use here, about $\frac{2}{3}$ cubic foot instead of 1 cubic foot. It will have a cellulose-ester plate on the front side (and will be fitted with an arrangement to switch on a dim green light on the inside) to make the radiation visible. The apparatus should be ready in about 8 days. I shall examine it here with regard to its functioning and bring it to you afterwards.

I would like to take this occasion to thank you once again for your extraordinary kindness in being willing to go into this matter. As I have told you before, I do not wish to publish anything about the entire matter until I have had the possibility of securing, 100% exact, all the observed phenomena by the proper means.

The talk with you has given me very much. The use of the organoscope which I left with you will give you pleasure if you get used to it. You can observe the scintillations with and without the cellulose-ester plate, but they are more clearly visible with the plate. The metal screen should always be kept on the organoscope when it is not in use, to keep the sunlight away from the cellulose plate, which is powdered on the inside with calciumsulphide. But you can also use zinc sulphide, and the plate can be used too, without any substances at all. For observation of the radiation on a cloudless and moonless night sky, the tube in itself is sufficient.

I forgot a sketch and a scroll of graphic designs at your house. I shall take them with me when I bring the apparatus.

With kindest regards,

Yours,

(signed)

W. Reich

Wilhelm Reich

1121 11211111 .83 heb den 28. Januar 1941

Herrn Professor Albert Einstein
112 Mercer Street
Princeton, N.J.

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of the
ORGONE
INSTITUTE

E-6

Sehr geehrter Herr Einstein,

Ich bitte Sie mir mitzuteilen, ob es Ihnen recht ist, dass ich Ihnen den Temperatur-Mess-Apparat Ende dieser Woche, Sonnabend oder Sonntag um ca. 4 Uhr nachmittags, oder Mitte nächster Woche, Mittwoch oder Donnerstag um dieselbe Zeit bringe und seine Benutzung zeige. Er hat hier 8 Tage lang gut funktioniert und ich nehme an, dass er bei Ihnen ebenso funktionieren wird.

Mit herzlichem Gruss

Ihr

W. Reich

1. II 1941 bei Ein Stein

1.2°C und nach diesem das
Thermometer 0.9°C Differenz
W. Reich - Thesen in Kontroversen.

translation IOR

January 26th, 1941

Professor Albert Einstein
112 Mercer Street
Princeton, N. J.

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of the
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INSTITUTE

E-6a

Dear Mr. Einstein:

Kindly let me know whether it would suit you if I bring the apparatus for measurement of the temperature either at the end of this week, Saturday or Sunday at about 4 p.m., or during the next week, Wednesday or Thursday at the same time; to show you how to use it. The apparatus worked well here for 8 days and I suppose it will function just as well at your house.

With kind regards,

Yours

(signed)



Wilhelm Reich

den 29. Januar 1941

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E-7

Sehr geehrter Dr. Reich:

Professor Einstein wäre es recht, wenn Sie kommenden Samstag Nachmittag ihn besuchen würden.

Mit vorzüglicher Hochachtung
H. Dukas
Sekretärin.

A. Einstein
112 Mercer Street
Princeton, N. J.

January 29th, 1941

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INSTITUTE

E-7a

Dear Dr. Reich:

Professor Einstein will be glad to see you this coming Saturday afternoon.

Yours very truly,

(signed)

H. Dukas
Secretary

Wilder abgelehnt

den 6. Februar 1941

NS.

surdey .3 neb

Herrn Professor Albert Einstein
112 Mercer Street
Princeton, N.J.

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Sehr geehrter Herr Einstein:

Ich habe hier eine "Kontrolle des Kontrollthermometers" durchgeführt, indem ich zwei Kontrollthermometer benutzte und eines davon mit verschiedenen Stoffen an der Quecksilberspitze umhüllte; die Thermometer wurden einige Male ausgetauscht. Es stellt sich heraus, dass die beiden Kontrollthermometer dieselbe Temperatur anzeigen, sobald ich nur die Regel einhalte, sie nicht in der Nähe einer Wand, sondern mindestens 1 Meter von der Wand entfernt aufzuhängen. Umhüllung mit einem Watteschwamm, Kupfer, Gummi und Glas ergibt keinerlei oder nur zu vernachlässigende (0.05°C) Differenzen. Die grosse Temperaturdifferenz von 0.5 bis 2°C kommt nach meinen bisherigen Beobachtungen nur dann zustande, wenn man einen geschlossenen metallischen Hohlraum schafft und über dem Apparat misst. Die Temperaturdifferenz ist gleichmässig und auch grösser, wenn man den geschlossenen metallischen Hohlraum mit einem organischen Stoff umgibt, und den Raum, in dem die Orgtemperatur gemessen wird, gegen die übrige Luft abgrenzt.

Ich ging vor einigen Tagen entsprechend Ihrem Rate systematisch mit Versuchen in Gang, die Strahlung zu photographieren. Ich habe bereits einige positive Resultate. Ich werde Ihnen das Material schicken, sobald es mir gelungen sein wird, die Strahlung in befriedigender Weise photographisch dargestellt zu haben.

Ich möchte Sie gern nochmals bitten, sich nicht länger als eine Stunde ununterbrochen im Raum aufzuhalten, in dem sich der Apparat befindet, und nachher die Lungen einige Minuten lang in frischer Luft durchzulüften.

Mit herzlichem Gruss

Ihr

Wilhelm Reich

den 7. Februar 1941

Dr. Wilhelm Reich
75-02 Kessel Str.
Forest Hills, N.Y.

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INSTITUTE

Sehr geehrter Herr Reich:

Ich habe Ihren Apparat nun untersucht, mich aber ganz auf das Temperatur-Phänomen beschränkt, weil ich bezüglich der Lichterscheinungen das Subjective nicht ausschalten vermag.

Ich machte zuerst genügend oft die Ablesungen, ohne an Ihrer Anordnung etwas zu ändern. Der Kasten-Thermometer zeigte regelmässig $0.3 - 0.4^{\circ}$ höher als das frei aufgehängte.

Einer meiner Assistenten machte mich nun darauf aufmerksam, dass in Räumen, wie sie uns zur Verfügung stehen, stets die Bodentemperatur niedriger ist als die Temperatur an der Decke; wenn nun eine horizontale feste Platte vorhanden ist, so kommuniziert die Unterseite der Platte durch Konvektion mehr mit dem Boden, die Oberseite mehr mit der Decke. Ich fand in der Tat, dass auf der Unterseite des Tisches im Mittel die Temperatur um 0.6 im Mittel niedriger war als auf der oberen Seite. Dieser Umstand hat sich schliesslich als der Massgebende herausgestellt, wie aus dem Folgenden hervorgeht:

Ich nahm zunächst den Metallkasten aus dem mit den Fenstern versehenen Hülle heraus, stellte ihn direkt auf den Tisch und brachte das Thermometer an der Oberseite an, indem ich die etwas breite Höhlung, in der vorher die Tonröhre steckte, durch ein zusammengefaltetes Zeitungsblatt verengte.

Resultat: (gewonnen an vielen Erfahrungen): die Temperatur-Differenz war verschwunden bzw. jedenfalls nicht grösser als $\pm 0.1^{\circ}$. Dies macht nun den Eindruck einer eklatanten Bestätigung: Weglassung der Fenster bedingt Verschwinden des Effektes! Ich gab mich aber damit nicht zufrieden. Der Metallkasten war nämlich nun in einem besseren Kontakt mit der von unten rekühlten Tischplatte.

Um diesen Einfluss zu eliminieren, stellte ich nun den (fensterlosen) Metallkasten nicht direkt auf den Tisch, sondern auf einen Untersatz, der aus einem Ihrer blauen

2) Dr. Wilhelm Reich, Forest Hills, L.I.N.Y.

Papiere bestand, das ich passend zusammengefaltet hatte. Darauf erhielt ich prompt und regelmässig den ursprünglichen Effekt wieder. Die Temperatur am Kasten war $0,3^{\circ}$ - $0,4^{\circ}$ höher als die am frei aufgehängten Thermometer.

Durch diese Experimente halte ich die Sache für völlig aufgeklärt. Die Temperatur-Differenzen haben mit den Fenstern und mit dem Kasten nichts zu tun, sondern nur mit der horizontalen Tischplatte.

Ich hoffe, dass dies Ihre Skepsis entwickeln wird, dass Sie sich nicht durch eine an sich verständliche Illusion trügen lassen. Ich bitte Sie, gelegentlich Ihr Instrumentarium, das doch einen ziemlichen Wert repräsentiert, wieder abholen zu lassen. Es ist nicht beschädigt.

Freundlich grüsst Sie

Ihr

A. Einstein.

Weshalb wenn er nicht
einfach den Kasten ins Freie,
wo es keinen Plafond gibt!!!
Er hat so doch eine höhere
Temp. Diff. gefunden —
Dites!

T.H.S.

A. Einstein
112, Mercer Street
Princeton, New Jersey

2

Translation: LOR

Dr. Wilhelm Reich
75-02 Kessel Street
Forest Hills, N.Y.

February 7th, 1941

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INSTITUTE

Dear Dr. Reich:

I have now investigated your apparatus, but I have limited myself to the temperature phenomenon, because I was not able to exclude subjective impressions with regard to the light manifestations.

In the beginning, I made enough readings without any changes in your arrangements. The box-thermometer showed regularly a temperature of about $0,3$ - $0,4^{\circ}$ higher than the one suspended freely.

One of my assistants now drew my attention to the fact that in rooms, as they are at our disposal, the temperature on the floor is always lower than the one on the ceiling. If now, there is a ~~max~~ permanent horizontal plate, the underside of this plate would communicate through convection more with the floor, while the top side would communicate more with the ceiling. In fact, I found that on the underside of the table in the average the temperature was about $0,6^{\circ}$ lower than on the top side. This fact has finally been established as the deciding one, as you will see from the following:

I started by taking the metal box out of the enclosure with the windows, put it directly on the table and fixed the thermometer on the top side of the box by putting it in the now somewhat larger hole in which the earthenware pipe was before, using a folded newspaper to make the thermometer stick.

Result: (gained by many experiences) The temperature difference disappeared or was, in any case, not more than $\pm 0,1^{\circ}$. This gives the impression of a powerful affirmation: If you leave off the windows, the effect disappears! But I was not satisfied with this. The metal was now in better contact with the table top which was cooled from below.

To eliminate this influence, I now proceeded to put the metal box (again without its enclosure) not directly on the table, but I put some of your folded blue packing paper between the table top and the box. Thereupon, the original effect re-appeared immediately and regularly. The temperature on the box was $0,3$ - $0,4^{\circ}$ higher than that on the freely suspended thermometer.

Through these experiments I regard the matter as completely solved. The temperature difference has nothing to do with the windows and the metal box, but is solely due to the horizontal table top.

.....

signed: A. Einstein

*English Translation from French
by Th. P. Hoffe.*

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INSTITUTE

*
E-10a

February 20th, 1941

Dear Professor Einstein:

I have taken a good deal of time to answer your letter; it was important to determine experimentally just what was the progress of the work brought about by your assistant's objection. As you will remember, our agreement was to investigate experimentally any objections that might come up. I did not come to you with a trifling matter and not without due consideration. The experimental basis on which my work developed has safeguarded me against such accidents as the "temperature difference at the tabletop" as the explanation of the phenomenon. Of this, you could not know and thus had to take your assistant's objection seriously. Only, I was quite disturbed because you seemed ready to give up so soon.

A. THE EXPERIMENTAL DEMONSTRATION OF THE TEMPERATURE DIFFERENCE WITH ELIMINATION OF THE OBJECTION RAISED.

The offered interpretation of the temperature difference (To-T) is proven to be incorrect by the following experiment:

Experiment No. 1: in the room (cf. diagram):

If the orgone box in its original arrangement and the control thermometer are placed above the table top, with the control thermometer about $\frac{3}{4}$ m from the box, the temperature difference between box thermometer and control thermometer, nevertheless, continues to exist. The only difference is that

-2-

To-T, due to the radiation of the tabletop, is somewhat less than when the control thermometer is suspended freely in the room. For months, I had had the control thermometer standing at a distance of about $\frac{1}{2}$ m from the apparatus on the same table; after realizing the lessening effect of the radiation from the tabletop. I proceeded to suspend the control thermometer freely in the room. During all this time, there was an average temperature difference of about 0.6° C. (maximum difference up to $+1.5^{\circ}$ C. in an apparatus of 1 cubic foot).

If one covers the field of experiment with a second wooden plate about 1 m above the first, thus interrupting the hypothetical "heat convection from the ceiling down to the tabletop", the temperature difference nevertheless continues to exist.

If, in addition, the lower wooden plate is replaced by a metal one which equalizes the temperature difference above and below more quickly ($+0.1^{\circ}$ and -0.1° C. difference), the temperature difference between apparatus and air also continues to exist.

The difference To-T, with the original arrangement of the box, is present also if the box is suspended freely in the room, without a tabletop below.

It is also present if the box is surrounded with a covering which protects the box thermometer from all sides. A covering of the control thermometer with cotton, rubber, metal or glass does not reduce the temperature difference or only

within negligible limits. This presupposes that the temperatures are not taken at a time of a rapidly increasing outside temperature.

EXPERIMENT No. 2: measurement of the temperature outdoors.

For several months, during 1940, I had kept a small orgone box buried in the soil in my garden, and observed a constant temperature difference. However, it was not until a few days ago that I discovered how much greater this temperature difference is than that observed in closed spaces.

On February 15th, 1941, a sunny day with a strong, cold wind, I buried an apparatus two thirds in the ground, in such a manner that the box thermometer was still above the soil level. The box, together with the upper thermometer casing, was in a second box of cardboard; the spaces at the sides and above the box were filled with cotton and wood shavings, and the whole thing was covered with a cotton blanket. (It goes without saying that, in order to preserve the heat produced, the space in which the temperature is measured has to be well protected against the low outside temperature). A control thermometer was placed through a hole in a glass vessel and this vessel was put down 4 inches in the soil in such a manner that the tip of the thermometer was below the soil level. A second control thermometer, the tip without any wrapping, was put down 1 inch into the soil. This second thermometer was also used to measure the temperature of the air at about the height of the

box thermometer, with and without a wrapping which protected against the wind. The three thermometers were interchanged again and again. The appended diagrams of Experiment No. 2 illustrate the set-up as well as the result.

With this set-up, To-T is found to be much greater than in the closed room, probably because here the diminishing effect of the secondary orgonotic radiation from walls, tabletops etc., is eliminated. Here, To-T varies within the range of about + 2^o C.

In order to make doubly sure, I continued experiment No.2 overnight and on the following day, from February 16th to 17th, in the following manner: I left the apparatus in the open as it was, but took off the cotton blanket, i.e., I let the night frost "cool it off" completely. At 9:30 AM on February 17th the air temperature was -1^o C., the soil temperature 0^o C. I put the (cooled) cotton blanket again over the apparatus and introduced the thermometer, which had just registered an air temperature of -1^o C., from above into the "funnel" of the box. The mercury began to rise and after a while registered + 2.3^o C.; at the same time, the air temperature was still -1^o C. and the soil temperature 0^o C. The air within the glass buried in the soil registered + 0.9^o C.

I think these findings are unequivocal:

a) The soil and the atmospheric air contain a kind of energy which, in my apparatus, can be measured as heat.

b) In high values, this constant source of energy and heat becomes manifest only if a certain arrangement of materials is used. This arrangement, organic material on the outside, metal on the inside, is essential for increasing To-T.

This supplementary experiment also demonstrates the significance of the arrangement of materials in connection with the radiation from the soil and the sun. After the radiation from the sun is eliminated through shadows, To-T sinks in comparison with all control measurements from an average of + 5 degrees to an average of about +2 degrees C. The control thermometer which is protected by a glass cover and thus receives only a very small amount of radiation from the soil, shows a difference of only about 1^o C. The orgone apparatus on the other hand - thus far the best equipment for catching and accumulating this energy - shows far higher values, i.e. over + 2^o C!

The drop in temperature in the frosty open air influences the box thermometer in spite of the covering. Nevertheless, the difference To-T remains constant within certain lower and upper limits, because of the parallel drop of To and T. The following table shows measurements at about hourly intervals:

To	=	11.4 ^o	To - T	=	6.8 ^o
T -air	=	4.6 ^o			
To	=	9.5 ^o	To - T	=	6 ^o
T -air	=	3.5 ^o			
To	=	6.5 ^o	To - T	=	5.9 ^o
T -air	=	0.6			

By burying the apparatus, including the thermometer, completely, I shall try to determine the values of To (soil) - T (air) and To (soil) - T (soil). Inasmuch as the soil is frozen now, I shall carry out the experiment when conditions are more favorable and shall let you know about the results. Doubtless, a good many questions regarding To-T still need clarification.

As to the clarification of your tabletop - phenomenon, there seem to be only two possible interpretations:

a) that of your assistant, i.e., a "heat convection" vertically down from the ceiling, or, in other words, "equalization of the temperature of the upper surface of the tabletop and the temperature of the ceiling"; and

b) my interpretation, i.e., orgone radiation from the soil and the atmospheric air.

The effect of the radiation at the horizontal wooden tabletop was known to me and was what induced me to suspend the control thermometer freely in the room, in order to eliminate the diminishing effect of this radiation. Your assistant's interpretation is refuted by the arrangement as used in Experiment No. 1 (metal plate below, wooden plate above, control thermometer above the lower plate.) The "horizontal heat potential" without a laterally effective heat source continues to exist even when the heat convection from the ceiling to the lower plate is interrupted. Experiment No. 2 refutes the interpretation even more clearly.

Experimental conclusions:

1. The original set-up of the apparatus, under all circumstances, results in a temperature difference between box thermometer and control thermometer, without a constant heat source of any known kind.

2. Experiment No. 1 refutes the argument of heat convection from ceiling to tabletop as the cause of the phenomenon and demonstrates a horizontal heat potential below a second plate without a visible lateral heat source.

3. Measurements taken outdoors demonstrate a radiation from the soil which expresses itself in a temperature difference which varies in degree depending upon the arrangement of materials.

Assuming for a moment your assistant's interpretation to be correct, we are confronted with some very peculiar facts which are at variance with the basic principles of the theory of heat: An upper plate of wood with poor conductivity, placed parallel and about 1 m above a lower metal plate, which interrupts the "heat convection from the ceiling to the metal plate", shows no or only negligible differences between above and below. A tremendous problem is created by the very assumption that there should be a radiation of heat from the ceiling down, through as poor a conductor as air, and through the upper wooden plate to the lower metal plate: and that there should be at this plate, as a good conductor, a constant temperature difference between above and below, thus explaining the phenomenon of the box.

Inasmuch as there can be no horizontal heat convection without a constant lateral source of heat, as in my experiment No. 1, and inasmuch as I found a \pm and \mp difference of only about 0.1° at the lower metal plate, the explanation offered by your assistant is not tenable. There remains only an explanation which is in accordance with the rest of my observations concerning the orgone radiation. In order to comprehend the temperature difference which you observed at the wooden plate, we have to assume:

a) your wooden table top was thermically influenced from above by the radiation from the apparatus, which radiation acts in every direction;

b) the radiation upwards from the ground is also stopped by the wooden plate and expresses itself as a temperature increase in the same manner as the accumulated radiation within my orgone boxes expresses itself in a temperature increase above the boxes.

I am unable to say at this time which of these two interpretations has more merit.

You will remember that at the very end of our first four-hour conversation I told you, very hesitantly, that the temperature in my orgone box (i.e. in one of the large ones designed for humans) is on the average 1° to 3° lower than in an enclosed space above the box. You may also remember that this finding surprised you very much and that you did not quite want to believe it. This finding, which I reported so hesitatingly, would now, provided my interpretation is correct, assume a considerable

significance which I had not ascribed to it originally.

I cannot understand your assumption that "the top side of the tabletop was cooled from below" and that for this reason the temperature above the box disappeared when you took it out of the covering. In addition, a dismantled box presents too many uncontrollable negative sources of error.

I would like to add a few words concerning the relationship of the cover to the metal box. The concept to which my observations have led me in the course of time is this:

Even by itself, the metal box shows temperature differences compared with the air around it, only they are smaller, and, understandably enough, very variable. The covering with organic material has, first of all, the function of isolating the heat produced by the metal box from the heat around it, in other words to make it more constant. In addition, (based on the electroscopically confirmed fact that non-charged insulators absorb atmospheric energy) it has the function to transmit the energy to the metal on the inside. The metal walls radiate the energy back, to the inside as well as the outside. Within the metal enclosure, the energy, not being influenced by absorbent organic material, can oscillate freely. This can be clearly seen by the use of the green light inside and the magnifying glass in the front wall of the box. What energy is radiated toward the outside is absorbed by the organic covering and is partly given off to the surroundings in the form of heat, partly, however, again transmitted to the metal on the inside. This process, also can be made visible in the dark by using a tube and a magnifying

glass between metal and organic covering. Thus, my concept is, that in this manner a concentration of the energy within the apparatus takes place as compared with the energy potential in the atmosphere. The explanation of the heat phenomenon must lie in the fact that the plates stop the kinetic energy of the radiation. It is to be expected that by further changes in the arrangement of organic and metallic materials this concentration can be very materially increased.

These assumptions are supported by the different speeds with which charged electroscopes discharge inside and outside of the apparatus, respectively. That is, charged electroscopes, communicating with the air, discharge more slowly inside than outside. It has been shown that these discharges have nothing to do with the humidity of the air; their speed is also hardly altered if, i.e., one keeps the air around the electroscope moving by way of an electric fan. The speed of the discharge depends, exclusively, on the orgone tension of the surrounding air. That is, the higher this tension is relative to the charge of the electroscope, the more slowly does it discharge; conversely, the lower the orgone tension of the air, the faster the discharge.

You will understand that I cannot possibly at this time explain every single phenomenon in this new field. There are many things here which need further clarification. However, the accumulator being based on a great many interrelated facts and assumptions derived ~~from~~ them, you will understand why, in connection with the temperature difference, I put so much emphas-

is on the facts of the visibility and the electroscopic measurability of the orgone energy.

B. THE BIOPHYSICAL FRAMEWORK OF THE TEMPERATURE PHENOMENON.

1. There exists, in the atmosphere, the soil and the living organism, a specific biologically active energy which I termed "orgone". This energy can be made visible, in the form of scintillations, in the atmosphere and the soil, as well as on green bushes, with the aid of the orgonoscope. It can be measured electroscopically and thermically and can be concentrated with the aid of a specific arrangement of materials. There are some photographic demonstrations, but they are as yet not sufficiently clearly separated from the control experiments. On Kodachrome film, the radiation registers as blue or bluish gray, that is, in the same color in which it is perceived subjectively.

2. As the unit of the quantity of orgone energy we may take for the time being one Org, i.e., that quantity of energy which maintains a temperature difference $T_0 - T$ of 1°C per hour.

3. The living organism is surrounded by a field of energy the extent of which varies within narrower or wider limits. This can be demonstrated by way of the oscillograph. If, e.g., without any connection by a conductor, a hand is moved at a distance of 1-4 m from a cellulose disk placed vertically in front of a silver electrode, the oscillograph will register variations.

4. All living organisms constantly inhale and radiate this energy. That is, there is an exchange of energy between the organism and the atmospheric orgone energy. The erythrocytes

represent the essential carriers of this energy from the lungs to the other tissues. The constant heat production of the body - a phenomenon which is as yet unexplained - is most likely orgone radiation of the body. In this connection, the high iron content of the blood is of significance.

5. The sun also emits this heretofore unknown energy. This can be demonstrated electroscopically by exposing non-charged insulators (like rubber cellulose, cotton, wood, etc.) to bright sunlight in dry air (relative humidity below 40-50%).

6. Certain experimental findings (N-pole of a bar-magnet emitting light in the orgone room; metal point discharging sparks at a distance of 5 cm from a cellulose disk which has been rubbed, etc.) make highly plausible the assumption that the variations in earth magnetism have something to do with this energy. Similarly, the northern (enormous deposits of iron in the North of Sweden); and lightning, the nature of which is as yet unexplained and which represents violent discharges of atmospheric energy.

7. Taking into account the specific nature of the orgone energy, which magnetizes insulators, one can say that the magnetic field of the earth has little if anything to do with the known iron magnetism. There is one experimental finding with a bearing on the problem as to why the magnetic lines of force are vertical to the direction of the electric current: Between two iron plates in the orgone room, a magnetic needle will point vertically towards one of the plates, N or S, as the case may be.

However, this has as yet not been sufficiently worked out. Another most problem which may be expected to be brought to a satisfactory comprehension on the basis of these findings is that of "static electricity".

8. For many months, I have kept observing a phenomenon which demonstrates the fact that peculiar variations in atmospheric energy tensions disturb the constant galvanic current in excellent stable measuring instruments (Siemens pantostats). One is reminded here of the disturbance of electric apparatuses by the so-called "electro-magnetic storms" of the atmosphere, as they occurred e.g. in the early summer of 1940. At the time of the earthquake in New England on December 24th, 1940, my set-up at the pantostat (which was calibrated at 1 MA normal current) showed disturbances up to + 8 MA for several days.

9. Two years ago I published the finding that cancer cells organize from energy-charged vesicles in disintegrating tissue, just as protozoa develop from moss after vesicular disintegration (Cf. "Die Bione", 1938, and "Bion experiment on the cancer problem 1939").

There is, among other things, a biological effect of the radiation which corresponds to the temperature difference within and above the orgone box. This effect was discovered not by me, but independently by a biological assistant. It is the following. Under ordinary circumstances, the development of protozoa in an infusion of moss takes place in a certain time, i.e., in two to six days. If, however, these same preparations are kept in the

orgone box from the very beginning, the development of protozoa and bacteria is shown to be very much slowed up. On the other hand, placing the preparations above the box seems to further the development of protozoa. Exchanging of the preparations confirms this observation. This biological experiment confirms the physical phenomenon.

The inhibitory effect of concentrated orgone radiation upon the development and motility of protozoa and bacteria has been used for several years in my therapeutic experiments with cancer mice: The charging of plant and animal tissue with biological energy inhibits or prevents its disintegration into protozoa and destroys such foreign-body-like bacteria and protozoa as may be present. The antithesis in this effect (charging of healthy tissue, destruction of the products of disintegration of plant and animal tissue) I can as yet not explain.

In mice with spontaneous malignant tumors - which in control mice grow and prove fatal - irradiation results in an inhibition of the tumor growth, in many cases in a destruction of the tumor, and in the majority of cases in a prolongation of life as compared with the control animals. The experimental animals are exposed to the radiation for half an hour a day in the orgone accumulator. The correct dosage has as yet not been worked out. The preliminary result, from about 200 cancer mice, is the following:

a) the average life span of the treated mice compared with that of the untreated is about 9:3;

b) the highest life span obtained in treated mice thus far was 8 months. The highest life span of untreated cancer mice is only about 2-1/2 months.

True enough, these results are far from satisfactory from the point of view of cancer therapy; and I am not publishing them although they would seem to deserve it; neither do I contend that I am able to cure cancer; but from the point of view of the existence of the orgone radiation, these biological findings are of decisive significance.

My clinical and experimental findings may be summarized in the following concepts, incomplete and in need of correction as they may be:

The autonomic life function is governed by a four-beat: mechanical tension - bio-electric charge - bio-electric discharge - mechanical relaxation. In other words, it is based upon a specifically biological combination of inorganic functions; functions which, it is true, do exist in the physical world but do not exist in this specific combination. The living function, thus, is nothing but a specific combination of physical functions. All autonomic organs of the animal organism, such as cardiovascular system, intestines, urinary bladder, etc., function on the basis of this rhythm, as do molluscs like the medusa. On the basis of the discovery of the specific biological energy, living matter can no longer be considered nothing but a highly complex protein; rather, this protein is governed by a specific energy which derives from matter itself through a process of

disintegration and swelling. Non-living protein, thus, is a highly complicated organic substance which has lost the four-beat of the tension-charge-discharge-relaxation function or has not developed it.

Three years ago, I published my observations concerning the fact that any substance which is made to swell or which is heated to incandescence and then made to swell, disintegrates into vesicles of 1 - 5 size which are charged with energy; these "energy vesicles" I termed "bions". They are units of living matter, derived immediately from inorganic substances, and capable of developing into bacteria or protozoa. They are found immediately after the preparations are made, which excludes the possibility of their being the result of air-borne infection. The latter requires at least 24 hours for development. These bions also represent the energy which we incorporate in the form of food (which is organic material disintegrating into energy vesicles). The taking in of air and food, then, represent the two main ways of introducing energy from the environment into the organism.

These findings and concepts are quite in accord with those of yours concerning the inter-relationship of matter and energy. The relationship of orgone energy to electro-magnetic energy is quite obscure. To judge from the observations at hand, orgone energy seems to act in the direction of the magnetic force and transversely to the electric force.

It was essentially on the basis of my knowledge of your

basic concepts that, many years ago, I set out to refute the argument that the sterile bions were due to air-borne infection; this was done by heating to incandescence such substances as coal-dust, soot, crystals, etc. By thus smashing matter and making it swell subsequently, I obtained my "energy vesicles" or bions. These findings were confirmed experimentally in France and reported and put on record by co-workers, at the French Academy, the Sorbonne and other places.

As I told you, the orgone radiation was discovered in bions which had been obtained by heating to incandescence and swelling of ocean sand (solidified sun energy). The formations thus obtained, the microphotos of which you saw, could not be identified thus far. The experiment was made 16 times; 0 times with a positive result, i.e., with the identical kind of radiating bions resulting.

I know this is all extremely condensed and sounds "crazy". Obviously, it is too much to be mastered by myself alone. In addition, it seems to be so new that for years I have been feeling to be treading an extremely dangerous path and that there was very little hope of again breaking through, in a reasonable time the wall of traditional defense against anything new. In the field of psychiatry it took ten years before the point of view of biological energy was taken cognizance of. However, the logic with which the problem of biological energy developed over the past twenty years is in itself a very weighty argument - and a consolation. It was this development which led me, logically and without any preconceived ideas, to the purely physical heat

phenomenon.

On the occasion of my first visit, I told you about certain ideas concerning experimental and clinical findings; ideas which represent a heavy burden of responsibility, and which I had not formed without a great deal of consideration. Overwhelmed by the wealth of these new insights, I hoped to obtain from you, or through you, that help, in matters of physics or otherwise, which the work so amply deserves. It would be understandable enough, if you, for lack of time or interest, would not want to occupy yourself any further with the matter. However, if I should fail now to interest the world of physics in this discovery in the field of biophysics, I see no possibility of achieving, within reasonable time, the exploration of the physical sector of this gigantic field of research, so much needed in the interest of cancer research. In addition, any negative judgment on your part could be expected with certainty to turn people, blindly believing in authority as they are, most scientific workers not excepted, against my work. I would have to struggle alone, exposed to malicious rumours which take the place of objective argument, without funds except for my modest income as academic teacher, of which for many years, I have been spending \$300 to \$500 a month for the laboratory; my only help would be my authority in the field of biopsychology, and the many findings which, in the course of years, logically followed one upon the other. Under these circumstances, it would not be possible, within a reasonable period of time, to investigate on a large scale the effect of the biological energy

upon the various kinds of pathological micro-organisms; neither would it be possible to make it available to the victims of the war.

Under these circumstances, the erroneous, metaphysical and mechanistic concepts of living functioning which dominate present-day biology would continue to flourish; concepts, e.g., as the one that life is suspended "in the atmosphere" in the form of spores, a specific spore for each of the millions of kinds of protozoan organisms; this unproven hypothesis is disproven by my experiments! Or that life reached our earth through the cold universe from the stars, another unproven hypothesis. Or, that "life comes only from life", or "the cell only from the cell"; though it remains obscure - and does not seem to bother the scientists' conscience - where life came from originally. Or that the earth is the only planet inhabited by living organisms, etc. etc.

The mechanistic and metaphysical concepts which dominate biology, completely block the road to an understanding of the cancer problem. The discovery of the spontaneous organization of bacteria and protozoa from energy vesicles which result from the vesicular disintegration of living as well as non-living material, has opened a simple and fruitful approach to the understanding of this endemic disease: Cancer cells develop through bionous disintegration of organs which function poorly in a biological sense, with subsequent organization into cancer cells of the tissue material which has undergone vesicular disintegration. Cancer is, as it were, an auto-infection of the organism.

As you can see, the factual background of the heat phenomenon is of staggering importance and pregnant with problems. It would be a hard blow if a mistaken interpretation of one single phenomenon from a wealth of new and illuminating findings should block the chances of a valuable contribution to the understanding of a scourge. This field of biophysics is too new and too many-sided to be confirmed or refuted by one single argument. It would be most depressing to think that this may cause the loss of your interest in the work.

It goes without saying that the physical heat phenomenon by itself cannot determine the validity or non-validity of the biological field as a whole. I finally had to come to the conclusion that it is impossible for an outsider to understand or follow any of the individual findings without a knowledge of the totality of the problems and their development. For this reason, I have decided to summarize for publication the development of the discovery and the material at hand. I suppose I will have to give up my hope for a cooperative elaboration of the phenomena previous to publication, particularly if the finding of the considerable temperature difference as measured outdoors still does not convince you.

The difficulties which I keep encountering result from the fact that the individual findings, taken singly, are hardly understandable. For example:

When, on the basis of my biological formula of "tension and charge" (1930-1935), I found that pleasure and anxiety correspond to opposite directions of bio-electric current in the organism (centrifugal: expansion, pleasure; centripetal: contraction, anxiety) a physician offered the "argument" that skin potentials are not the result of psychosomatic emotions of the total organism, but "only contact potentials between electrode and skin membrane". He failed to answer the question as to why one should measure potentials at the living organism at all, if a membrane and an electrode would do.

When, in 1936, on the basis of the experimentally confirmed function of tension and charge, I discovered the bions, it was argued that they were the result of "air-borne spores". This objection led me to the experiment of heating the substances to incandescence, which not only refuted the argument, but in addition produced the bions infinitely better.

When I postulated that the bions should be examined with a magnification exceeding 2000x, the argument was raised that with magnifications above 1000x "structures were no longer dissolved". I countered this argument by pointing out that in the case of the bions it is not a matter of dissolving structures, but of making visible the subtle movements of expansion and contraction. These movements are clearly visible only with a magnification of 2000x to 4000x. They refute another argument, namely the one that the movements are the physical "Brownian movement". Anyone who has ever seen bions from coal dust with this magnification, cannot

fail to understand my counter argument that the movement of the bions takes place from within, i.e., not from without as a result of the "collision of molecules".

Early in 1937, Prof. Lapique, physiologist and member of the French Academy, refused to publish the fact of the biological character of the movements in the bions (i.e., the movement resulting from within), and the fact of their cultivability. All he conceded was the existence of bacteria-like formations in the sterile preparation. Though the Academy had explicitly asked for my communication, I refused to let them publish it in their Bulletin because they had arbitrarily omitted important findings. Since the movement of the bions is in the nature of contraction and expansion, it is a biophysical and not a mechanical phenomenon. It is of no use either to demonstrate to them the fact that these movements are absent in the control preparation which had not been heated. These things were simply treated with profound silence. They simply did not want to go into it. Similarly, my micro-photographs which demonstrate, in an unequivocal manner, the protozoan organization of vesicularly disintegrated moss, and which were published, were not even mentioned. Nevertheless, from what I hear from France, it seems that this part of the work is gradually becoming recognized.

When, early in 1937, I discovered the development of cancer cells from vesicularly disintegrated animal tissue, and became aware of the analogy between the development of cancer cells and that of protozoa from disintegrating moss, I got in touch with the director of the official Norwegian cancer research hospital.

This led to a newspaper campaign against me which lasted ten months and almost cost me my existence. It was waged by psychiatrists of the hereditarian school and by a pathologist, without the use of a single objective argument. As it turned out, the pathologist had never seen a living cancer cell. I did not react to this irrational attack and left the whole thing to my lawyer. At the time, I was working on the relationship between blue bions and cancer. One year later, while the campaign of my opponents was still echoing, this work led to the discovery of the radiation and of the heat phenomenon.

When I had cultivated living micro-organisms of the size of about 0.25 from putrid cancer tissue, which micro-organisms, upon injection, produced cancerous growth in previously healthy mice, a biologist who was interested in my work, raised the argument that he had found rot bacteria in the preparation. As I had as yet not published these findings, he had no idea that in making this statement he had actually confirmed my experiment: the micro-organisms injected into the mice (T-bacilli) were in fact the result of a putrid degeneration of protein. In this and similar ways, things have been going on for years.

And now comes your assistant, who cannot have any idea of the totality of the work, and argues that the heat phenomenon is a matter of "convection of heat from the ceiling to the table-top". As in so many similar cases, this argument also led to an important improvement of the foundation in facts, to the discovery of a larger temperature difference outdoors.

I am writing you all this to give you a glimpse of what you have come in contact with. It goes without saying that a correct impression can be gained only in my laboratory, where the proper equipment is at hand.

I am fully aware of the fact that my discovery threatens to destroy many pet illusions and shakes many accepted concepts in their very foundations. But I know also that it makes comprehensible, in a simple way, a multitude of previously incomprehensible facts, and that it points the way to the solution of problems which had remained obscure for a long time. Present-day biology, for want of a functional concept, is bogged down hopelessly in the morass of a complicated thinking which is at one and the same time mechanistic and metaphysical. From now on, it could be based on a specific, biologically active energy, for, the bridge from the non-living to the living has been found. But, it is too simple; hence the resistance.

To advocate a problem of such magnitude places upon me the full responsibility for the correctness of my observations, experiments and conclusions; on the other hand, it also imposes the obligation of shedding any illusions with regard to human reactions within and without the realm of science. The reason why the orgone energy has not been discovered long ago, lies in the irrational nature of man, which the scientist cannot escape either. Forty years ago - as today - man was afraid to glimpse into the depths of his unconscious instinctual life. My own clinical experience shows again and again that man is very much afraid of perceiving life in himself and in nature as a function of the non-living.

It is as if he abhorred his primitive plasmatic origin from the non-living. This attitude has to be taken into account if one advocates the problem of the specific biological energy.

Thus, it cannot be said that science is beyond human irrationality, the first discovery of which made my teacher Freud forever famous. My own biological work is nothing but the continuation, in the biological foundation of the psychic, of Freud's explorations of psychic energy ("libido"). In this work I have learned and, driven by the experience of the international eruption of Fascist irrationalism, have made it a principle, to fight, in my field, any untruths (including my own); but I have also learned to advocate proven truths with the same determination, i.e., not to be intimidated by the usual attitude of the world toward that which is new.

It is not presumption or immodesty on my part if I call upon your help in advocating this great and good cause. If such reproach were deserved, the cause, not I would deserve it. It seems, quite simple, that this cause clamours for general recognition and further development now; now and not fifty years from now, as the irrationalism in science would have it. It is ready to give an account of itself; to prove where it really exists to confess where it is still muddled or questionable.

Whatever your decision may be after these explanations, I wish to thank you most cordially for the extraordinary pains which you already have taken. Not counting my co-workers in

France and Scandinavia, you were the only outside scientist I met in the last twelve years who understood the physical basis of my biophysical theory: development of organic vesicles through development of energy from matter. This fact alone means a great deal to me personally and to the cause. If you could not see your way clear to help, I would have lost an important support.

If, on the other hand, you, with whose research this work has so many connections, decide to help as you originally intended, you will be assured of the gratitude not only of valuable scientists and physicians, but, more than that, of the innumerable sufferers from cancer to whom the orgone energy, if completely investigated, is bound to bring help. The old medical principle that it is best to leave the process of healing to nature, and to help it along by scientific means, is still valid, in spite of all the irrational activities of our times.

Most cordially yours,

Wilhelm Reich

Transl.
TPW

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May 1st, 1941

Dear Professor Einstein:

The things that have happened in the course of the past 10 weeks, i.e., since my last report to you, are of such importance that I feel I should let you know about them.

About three weeks after my report to you, a man who advises me in tax matters and thus happened to know about my cancer experiments with mice, asked me whether I would undertake an experiment with the sister of one of his friends. She was suffering from a cancer of the breast and had been bedridden for two years. She had been given up by her physicians and was expected to die any day. She suffered from excruciating pains; her spinal column showed collapsed vertebrae in two places, and there were a number of metastatic tumors in the pelvic bones. I decided to undertake the experiment with the orgone accumulator especially designed for human subjects in which the patient was exposed to the radiation; this radiation was given daily for half an hour to an hour (1 to 2 hr-Op.). In the course of about three weeks, the pains disappeared and the hemoglobin rose from 33% to a normal level of 85%; X-rays showed the tumors in the pelvic bones in the process of disintegration and the destroyed bone parts in the process of regenerating by way of calcium deposits. Today, the patient can be considered well - for the time being.

She does her work and has taken her children back to live with her after not having ~~it~~ had them with her for two years; she has no longer any pains and feels subjectively well. There is, of course, no way of predicting how long this improvement may last; the fact should not be forgotten that the patient, when she came to me, carried rather than walking, was on the point of death.

-2-

In the face of these results, I decided to subject to the experiment three other patients, all of whom had been given up and were expected to die soon. The orgone radiation proved highly effective in these cases also, particularly by way of bringing ~~it~~ about a biological change of the erythrocytes. In one case, the dissolution of the tumor on top of the head could be observed directly; one patient, whose esophagus was almost completely obliterated by the tumor so that he was unable to eat, was able to eat again after the second irradiation. The cooking sensations disappeared, the patient gained 3 lbs. within 6 days, felt strong and was able to sleep again.

Every step in the experiment is carefully recorded. There is, of course, no way of telling how long these patients may live or whether new tumors will develop or not. One fact, however, has been definitely established: the irradiation experiments in humans are far more telling than in mice. For one thing, the physiological reactions of the organism are much easier to observe; and second, the tumors in the human are much smaller in relation to the whole body than they are in mice.

The news of these results spread rapidly; the relatives of these patients are very eager to help. Today, the brother of the first patient came in telling me that yesterday his house was overrun by family members of five cancer patients.

Summarized, the effect of the radiation, as observed thus far, are the following:

- Elimination of pains, even if extremely severe,
- Dissolution of the tumors,
- Elimination of the anemia, and
- Biological change of the erythrocytes.

Of course, these preliminary results in human are nothing compared with the gigantic problems which present themselves at every new step, e.g.

1. Is it possible to destroy every kind of tumor?
2. Will it be possible to prevent the occurrence of new tumors?
3. At which stages of the disease is cure still possible?

- 4. How will the various patients tolerate the dissolution of the tumor and the elizination of the dis-integrating material?
- 5. How will brain tumors react?
- 6. How fast may one proceed in dissolving the tumors? etc. etc.

It is to be expected that the application of the orgone radiation at an early stage (i.e., immediately upon the diagnosis of the growth and not only 2 - 3 years later when the metastatic process is far along and has already destroyed important organs) will be extremely helpful, both with regard to the progress of the research work as a whole and with regard to the therapeutic possibilities. For the time being, however, my own attitude toward these results is still one of wonderment and caution. I have as yet not told anybody about this new experience. It is important to wait for further observations, particularly with regard to the duration of the effect. When they will be at hand, I will have to make a report to some central agency of the organizations for the fight against cancer.

I am in the process of connecting, by way of especially constructed pipes, the orgone accumulator with metallic cases buried in the ground. It has been shown, quite in accord with the experiments which I carried out in February in order to answer your letter, that the concentration of the orgone energy is most successfully accomplished in soil which is exposed to the radiation of the sun. This method allows of a simplified construction, inasmuch as I only have to bury tin cylinders of about 2-3 ft length and about 1 ft diameter; this leaves the inside of the cylinder free and the soil in immediate contact with the metallic outside.

Trusting that you will be pleased to get these news, I am sending you my most cordial greetings.

Yours,

Willy Reich

transl.
TPW

Willy Reich

NS.

den 17. Mai 1941.

Herrn Professor Albert Einstein
112 Mercer Street
Princeton, N.J.

ARCHIVES
of the
ORGONE
INSTITUTE

E-12

Sehr geehrter Herr Einstein:

Ich frage mich aus welchem Grunde ich auf meine Briefe vom 20. Februar und 1. Mai noch immer keine Antwort habe. Ich wäre Ihnen im Interesse der Sache dankbar, wenn Sie mir klar schreiben würden ob meine Mitteilungen der weiteren Bearbeitung unterzogen wurden, oder ob kein Interesse dafür besteht. Ich hätte nicht schon jetzt angefragt, wenn die Therapieveruche an krebserkrankten Menschen sich nicht bereits herumgesprochen hätten und täglich neue Anforderungen stellten.

Mit bestem Gruss

Ihr

Willy Reich

Translation IOR

i
Letter Not Forwarded

NS
May 17th, 1941

Professor Albert Einstein
112 Mercer Street
Princeton, N. J.

ARCHIVES
of the
ORGONE *E-12a*
INSTITUTE

Dear Mr. Einstein:

I ask myself why I have not yet received an answer to my letters of February 20th and May 1st. I would be thankful, in the interest of the work, if you would let me know definitely whether my information has been further examined, or whether there is no interest in it. I would not have put this question now, but the therapy experiments on cancerous human beings are being talked about, and call for new efforts every day.

With best regards,

Yours

W. Reich

(signed)

Wilhelm Reich

ARCHIVES

ORGONE
INSTITUTE

E-13

den 23. September 1941

Dr. Wilhelm Reich
99-06 Stafford Avenue
Forest Hills, N.Y.

Herrn Professor Albert Einstein
112 Mercer Street
Princeton, N.J.

Sehr geehrter Herr Einstein:

Ich habe in den Sommermonaten das relativ trockene Klima in Maine experimentell ausbeutet. Ich mass die Geschwindigkeit der elektroskopischen Entladungen im Freien täglich und stündlich vom 5. Juli bis zum 20. August zwischen acht Uhr früh und 12 Uhr nachts. Die Ergebnisse dieser Messungen bestätigten meine Vermutung, dass die atmosphärische Orgonenergie keine Ionen-Elektrizität ist:

1) Die Entladungen des Elektroskops (das mit der Luft kommuniziert) schwanken beträchtlich in mehr oder minder regelmässiger Weise im Laufe des Tages, völlig unabhängig von Wind und Feuchtigkeitsgehalt der Luft, und zwar erfolgen die Entladungen am raschesten frühmorgens und spät abends; die Entladungsgeschwindigkeit nimmt bis etwa 3 oder 5 Uhr nachmittags in regelmässiger Kurve ab und von da an wieder zu. Sie hängt also offenbar mit der Sonnenstrahlung zusammen. Sie steigt mit niedriger und sinkt mit hoher Konzentration der atmosphärischen Energie. Würde die Geschwindigkeit der elektroskopischen Entladung das Ausmass der Ionisation der Luft infolge Sonnenstrahlung widerspiegeln, dann müsste logischerweise die Entladung früh und abends langsamer als in den Mittagestunden erfolgen. Gerade das Umgekehrte ist der Fall.

2) Vor starken und anhaltenden Regengüssen erfolgt ein plötzliches Absinken der Entladungskurve, d.h. die Entladungen erfolgen sehr rasch, die atmosphärische Energiespannung ist sehr niedrig solange der Regen anhält, um mit einsetzendem Schönwetter wieder anzusteigen.

3) Die Wolkenbildung zeigt sich in einer Beschleunigung der elektroskopischen Entladungen an. Es ist, als ob die Wolkenbildung nicht nur durch einen Entzug atmosphärischer Orgonenergie aus dem Gebiete nahe über der Erdoberfläche vor sich ginge, sondern auch als ob die gebildete Wolke wie ein Schirm die ergonotische Sonnenstrahlung abhalten würde. Wechselndes, alternierend sonniges und wolkeiges Wetter an einem und demselben Tage, drückt sich in einer entsprechend schwankenden Kurve der elektroskopischen Entladungsgeschwindigkeiten aus.

4) Gleichzeitig mit dem Ausbruch der erhöhten Sonnenflecken-tätigkeit am 5. Juli sank die Konzentration der atmosphärischen Energie auf Bruchteile ihrer durchschnittlichen Werte, d.h. die Elektroskope entluden rascher, doch die Tagesschwankungen behielten, wenn auch auf niedrigerem Niveau, ihre mehr oder minder ausgesprochene Gleichmässigkeit bei. Die beiliegenden Kurven veranschaulichen was ich soeben ausführte. Ich hielt es für notwendig, Ihnen diese Ergänzungen zu meinem Bericht vom Februar mitsuteilen.

Zur Technik der Durchführung der Gesamtangelegenheit möchte ich folgenden Vorschlag machen. Ich habe im Februar 1941 um Patentierung des Orgonoskops und des Orgon-Akkumulators, von denen Sie Exemplare bei sich haben, in Washington angesucht. Ich erhielt die Seriennummer und muss bis zum 15. Dezember die Sache dem Patent-Prüfer aus Washington in meinem Laboratorium demonstrieren. Ich hatte die ganze Prozedur eingeleitet, um die Versuchsarbeiten materiell zu sichern und vor Ausbeutung durch skrupelloses Geschäft zu beschützen. Ich wäre aber froh, wenn die ganze Patentangelegenheit überflüssig werden könnte, denn ich selbst bin weder fähig noch geneigt nun Unternehmer zu werden. Ich möchte die Sache völlig freigeben, dabei darf ich aber die hohen materiellen Anforderungen die die Arbeit stellt, nicht vernachlässigen. Eine solche materielle Sicherung durch offizielle Stellen wäre die Lösung und würde die peinlichen Patentprozeduren allen Beteiligten ersparen. Von der Lösung dieser Frage hängt auch ab, ob und wann ich den Gesamtumfang

der Tatsachen publizieren werde. Die Akzeptierung eines Patentes würde wahrscheinlich, wie mir der Patentanwalt sagte, eine umfassende Publikation ausschliessen, und das ist mir sehr unangenehm. Ich warte daher mit weiteren Entscheidungen in der Sache, auch mit der Publikation des Manuskripts, das mittlerweile abgefasst wurde, bis ich von Ihnen Bescheid habe, wie die Angelegenheit steht.

Die laufenden, im März begonnenen Therapieversuche an krebekranken Menschen nehmen inzwischen an Umfang zu und geben teils überraschende, teils erfreuliche, zum anderen Teile aber auch Resultate, die die ganze Kompliziertheit des Problems und die erforderlichen Hilfsmittel immer deutlicher hervortreten lassen.

Ich bin, in der Erwartung Ihres baldigen Bescheides, mit herzlichem Gruss

Ihr

Willeh. Reich

Wird abgelehnt!

NS ARCHIVES
of the
ORGONE
INSTITUTE E-14

Sehr geehrter Herr Einstein:

Ich begreife nicht, weshalb Sie meine Briefe nicht beant-
worten. Ich war bis vor^{kurzen} fest überzeugt, dass Sie
die Ergebnisse irgendeiner Untersuchung abwarten. Sie
begreifen, dass ich Ihren Brief von nicht als
endgültige Erledigung der Sache betrachten durfte, da doch
das Phänomen der Temperaturdifferenz bestätigt war und es
nur mehr um die unrichtige Interpretation Ihres Assisten-
ten ging, die ich durch die Messungen im Freien klar widerlegte.
Ich kann doch auch nicht annehmen, dass Sie meinen so
ernsten Mitteilungen als unernst oder als Schwindel betrach-
teten; sonst hätten Sie ja nicht 4 1/2 Stunden mit so grossem

Verständnis zugehört und Sie wären ja auch nicht bereit
gewesen einen Apparat kommen zu lassen, um selbst zu beob-
achten. Wenn aber die Sache ernst und von weittragender
Bedeutung ist, dann ist Ihr Schweigen unbegreiflich.
Wenn Sie nicht weitermachen wollten, hätten Sie doch ein-
fach schreiben können, dass es Sie nicht interessiert.

Ich kann also nicht zugeben, was manche Kenner akademischen
Gehabens vermuten, dass Sie die Sache einfach hängen lassen.
Sie haben es doch nicht nötig, sich auf diese Weise aus
einer entscheidenden Affaire zu ziehen. Deshalb habe ich
auch in all diesen Monaten solche Vermutungen als für alle
Beteiligten unwürdig abgewiesen. Im festen Glauben, dass
bei Ihnen die Unrichtigkeit der genannten Interpretation
durch das Experiment im Freien eingesehen wurde und weiter
an der Sache gearbeitet wird, teilte ich Ihnen die ersten
Beobachtungen an Krebskranken und die an der Wetterbildung
mit. Ich bin auch nicht allein sondern muss immerzu mit

Interesse in
Vand in verwechseln,
ob die Sache die Natur
ist, wenn die
Tausend von Millionen
zum Toten ist.

Viel kann
auf mich
die Jugend
nicht geben,
obwohl sie
haben sie
für mich

Fachleuten und Mitarbeitern konferieren. Die weitere Ent-
wicklung der Arbeit an der atmosphärischen Orgonenergie
hängt ja nicht von Ihrer Bestätigung und gewiss auch nicht
von der unrichtigen Anschauung Ihres Assistenten ab, da die
Orgonstrahlung mit jeder Woche deutlicher und präziser vor
vielen Augen herausgearbeitet wird und zahlreiche Tatsachen
vorhanden sind, von denen ich Ihnen nichts erzählt habe.

Aber Ihr Schweigen ist peinlich und befriendend. Ich ersuche
Sie daher im Interesse aller Beteiligten ~~ausdrücklich~~ Bescheid
zu geben, ⁴⁰⁰⁰⁰⁰⁰⁰⁰⁰ so oder so. Die Beantwortung von Briefen gehört
doch zum geordneten menschlichen Verkehr und ich möchte ~~bei~~
auch ~~im negativen Fall~~ die Apparate nicht ~~bei~~ Ihnen liegen
lassen.

Ich kann Ihnen nur versichern, dass ich einen solchen
Brief lieber nicht geschrieben hätte. Ich bitte Sie ~~aus~~
um volle Offenheit auch im Falle, dass Ihnen böartige
Gerüchte zugetragen wurden. Es geht doch in dieser Sache
nicht um ein Kinderspiel und auch nicht um eine der üblichen,
gedächlich reich fundierten "Entdeckungen", die allwöchentlich
mit grossem Pomp in der Times verkündigt werden. Es ist auch
keine Privatangelegenheit von mir, sondern eine für die
Allgemeinheit wichtige Arbeit. Vor den Hyänen im wissen-
schaftlichen Leben habe ich ebenso Angst wie Sie. ~~Die~~
Tatsache, dass ich die Früchte der Orgonenergie ~~vor~~
allen Dingen ~~unverhüllt~~ ~~in~~ ~~Welt~~ ~~den~~ ~~Welt~~,
werft über mich ~~werft~~.

Wilhelm Reich

Vs hält man
in wichtig an
Ende der Sache
auf, z.B. ob
wir die engl.
Republik
machen sollen
guten werden.

Letter Not Forwarded

October, 1941

ARCHIVES
of the
ORGONE
INSTITUTE E-14a

Dear Mr. Einstein:

NS

I cannot understand why you do not answer my letters. Until a very short time ago, I was of the opinion that you were waiting for the results of some kind of examination. You will understand that I could not regard your letter of February 7th, as a final step in this matter, because the phenomenon of the temperature difference was confirmed; and it was now only the question of the wrong interpretation of your assistant, which was definitely refuted through the measurements in the open air. Furthermore, I cannot presume that you regard my earnest information as not to be taken seriously or as a swindle; otherwise you would not have listened to me for 4-1/2 hours with such interest and understanding; You would not have been willing to take an apparatus and make your own observations, and to give the promise to help in the matter, should the difference in temperature be a fact. After all this, your silence cannot be understood. Through the explanation of the temperature difference by the table top, this matter was, of course, far from being solved; especially as the difference can be observed also in the open air. If you did not want to continue with the matter, all you had to do was to write that you were no longer interested in it. I cannot concede, either, that you keep in suspense, a matter of such serious and far-reaching consequences as some people suspect who know academic behavior.

Neither do I believe, after the talk I had with you, that you are conceited. You don't have to resort to such means to get out of a decisive affair. I have, therefore, in all these last months rejected all such suppositions as being unworthy of all concerned. I was of the firm belief that you have recognized the mentioned misinterpretation refuted through the experiment in the open air and that you further studied the matter. Therefore, I informed you about the first observations on cancer patients and about those connected with the weather conditions.

Furthermore, I do not work alone, but I have to confer constantly with specialists and co-workers. The further development of the work on the atmospheric orgone energy does not depend on your confirmation and certainly not on the misinterpretation of your assistant, especially since the work on the orgone radiation and its phenomena is getting clearer and more precise every week; and that there are quite a number of facts established about which I did not talk to you. But your silence is unpleasant and strange. It holds us back from making important decisions; For instance,

whether we should inform the English government about the radiation, or not. I must ask you, therefore, in the interest of all concerned, to let us know what has happened, in one way or another. The answering of letters belongs to the orderly human relationship and I do not wish to have the apparatus staying at your house for ever.

I can only assure you that I would have much preferred not to write such a letter. I ask you to be completely frank also, in the case that you have heard malicious rumors about me. This matter is no child's play and it is not one of those "discoveries" which are supported economically by rich foundations and announced every week with loud fanfares in the "Times". It is no private affair of mine either, but a work of importance for the good of all. I am just as much afraid of the hyenas in the scientific world, as you are. But the fact that the functions of the orgone energy take place directly and visibly before all eyes, is far more important.

(signed)



Wilhelm Reich

den 5. November 1941

Miss H. Dukas
c/o Professor Albert Einstein
112 Mercer Street
Princeton, N.J.

ARCHIVES
of the
ORGONE
INSTITUTE E-15

Sehr geehrtes Fräulein Dukas:

Wir wären Ihnen dankbar, wenn Sie auf unsere Kosten jemanden beauftragen würden, unsere dort befindlichen Apparaturen in eine Kiste zu verpacken und durch Railway Express an die obige Adresse zu senden.

Hochachtungsvoll

ORGONE AND CANCER RESEARCH LABORATORY

Ilse Allendorff

Assistentin

Translation IOR

November 5, 1941

Miss H. Dukas
c/o Professor Albert Einstein
112 Mercer Street
Princeton, N. J.

ARCHIVES
of the
ORGONE
INSTITUTE E-15a

Dear Miss Dukas:

We would appreciate it if you could find somebody there who would, on our expenses, pack our apparatus, which is still there, into a box and sent it by Railway Express to our address.

Yours very truly,

ORGONE AND CANCER RESEARCH LABORATORY

Ilse Allendorff
(signed)

Ilse Allendorff
Assistant

den 14. November 1941

Miss H. Dukas
c/o Prof. Einstein
112 Mercer Street
Princeton, N.J.

ARCHIVES
of the
ORGONE
INSTITUTE E-16

Sehr geehrtes Fräulein Dukas,

Wir erhielten heute die Kiste mit dem Instrumenten und danken Ihnen für die prompte Erledigung. Leider haben Sie übersehen, uns das Orgonoskop mitzusenden, das Dr. Reich bei seinem ersten Besuch dort gelassen hat. Eine Zeichnung des Orgonoskops fügen wir bei. Wir wären Ihnen für baldige Zusendung dieses Instruments dankbar.

Hochachtungsvoll

ORGONE AND CANCER RESEARCH LABORATORY

Ilse Allendorff
Assistentin

Translation IOR

l.

November 14th, 1941

Miss H. Dukas
c/o Prof. Einstein
112 Mercer Street
Princeton, N.J.

ARCHIVES
of the
ORGONE INSTITUTE E-16a

Dear Miss Dukas:

We received today the box with the instruments and wish to thank you for your prompt attention to this matter. Unfortunately you must have overlooked to enclose the organoscope which Dr. Reich left there at his first visit. We enclose a sketch of the organoscope for your information, and would ~~be thankful if you would~~ be thankful if you would forward this instrument at your earliest convenience.

Yours very truly,

ORGONE AND CANCER RESEARCH
LABORATORY

Ilse Ollendorff
(signed)

Ilse Ollendorff
Assistant

18. November 1941 ARCHIVES

of the
ORGONE INSTITUTE E-17

Sehr geehrtes Fräulein Ollendorff:

Das erwähnte Instrument hat seinerzeit Professor Einstein auf Dr. Reich's Bitten hin als Geschenk von ihm angenommen. Es steht aber natürlich Dr. Reich jederzeit/^{wieder}zur Verfügung. Wenn Sie es nicht sehr eilig brauchen würde ich vorschlagen, dass ich es gelegentlich nach New York mitnehme und es bei Freunden in Forest Hills lasse, von wo Sie es dann abholen lassen könnten. Sollten Sie das Instrument jedoch sofort brauchen, so bitte ich Sie, es mich wissen zu lassen, damit ich es Ihnen per Post zusende.

Hochachtungsvoll
Helene Ollendorff
Sekretärin.

Fräulein Ilse Ollendorff
Orgone & Cancer Research Laboratory
9986 Stafford Ave.
Forest Hills, L.I.C., N.Y.

Translation IOR

November 10th, 1941

A. Einstein
112 Mercer Street
Princeton, N. J.

ARCHIVES
of the
ORGONE
INSTITUTE

E-17a

Dear Miss Ollendorff:

The instrument which you mention was accepted by Professor Einstein as a present from Dr. Reich. But it is naturally at the disposal of Dr. Reich at any time. If you do not need it very urgently I would propose that I shall bring it to New York occasionally and leave it with friends in Forest Hills, where you can have somebody call for it. In case that you should need the instrument at once, kindly let me know and I will forward it to you through the mail.

Yours very truly,

(signed)

Helene Dukas
Secretary

Miss Ilse Ollendorff
Orgone and Cancer Research Laboratory
99-06 Stefford Avenue
Forest Hills, N.Y.

den 26. November 1941

Fräulein Helene Dukas
112 Mercer Street
Princeton, N.J.

ARCHIVES
of the
ORGONE
INSTITUTE

E-18

Sehr geehrtes Fräulein Dukas,

Dr. Reich benötigt das dort befindliche Orgonoskop zur Anbringung einer Korrektur an der Detektorscheibe. Wollen Sie es also freundlichst bei Gelegenheit nach New York mitbringen. Sobald wir ein Exemplar frei haben, werden wir das Orgonoskop Herrn Professor Einstein wieder zur Verfügung stellen.

Hochachtungsvoll

ORGONE AND CANCER RESEARCH LABORATORY

Ilse Ollendorff
Assistentin

November 26th, 1941

Miss Helene Dukas
112 Mercer Street
Princeton, N.J.

ARCHIVES
of the
ORGONE
INSTITUTE

E-18a

Dear Miss Dukas:

Dr. Reich needs the Orgonoscope that you have there, for the installation of a correction at the detector plate. Would you therefore be kind enough to bring it to New York occasionally. As soon as we have one of these instruments to spare we shall return the orgonoscope to Professor Einstein.

Yours very truly,

ORGONE AND CANCER RESEARCH
LABORATORY

Ilse Ollendorff
(signed)

Ilse Ollendorff
Assistant

den 15. Januar 1942

Fräulein H. Dukas
c/o Professor Albert Einstein
112 Mercer Street
Princeton, N.J.

ARCHIVES
of the
ORGONE
INSTITUTE

E-19

Sehr geehrtes Fräulein Dukas:

Ich hatte Sie vor mehreren Wochen gebeten, das Orgonoskop gelegentlich zurückzugeben. Wir haben es bisher nicht erhalten, brauchen es aber dringend und wären Ihnen daher sehr dankbar, wenn Sie die Sache so bald wie möglich erledigen könnten.

Mit vorzüglicher Hochachtung

Ilse Ollendorff
Assistentin

January 15, 1942

Miss Helene Dukas
c/o Professor Albert Einstein
112 Mercer Street
Princeton, N. J.

ARCHIVES
of the
ORGONE
INSTITUTE

E-19a

Dear Miss Dukas:

I have asked you several weeks ago, to return the Orgonoscope occasionally. We have not received it, as yet, and we would be thankful to you if you could take care of this matter as soon as possible, as we need the instrument urgently.

Yours very truly,

Ilse Ollendorff
(signed)

Ilse Ollendorff
Assistant

den 16. Januar 1942

Frl. Ilse Ollendorf
99-06 Stafford Ave.
Forest Hills, L.I.N.Y.

ARCHIVES
of the
ORGONE
INSTITUTE

E-20

Sehr geehrtes Frl. Ollendorf:

Das Orgonoskop geht heute per Railway
Express an Sie ab. Die Linse habe ich vorsichtshalber
extra verpackt und dazugelegt.

Mit ausgezeichnete Hochachtung

Helene Dukas

Sekretärin.

Translation IOR

A. Einstein
112 Mercer Street
Princeton, N.J.

January 16th, 1942

Miss Ilse Ollendorff
99/06 Stafford Avenue
Forest Hills, N. Y.

ARCHIVES
of the
ORGONE
INSTITUTE

E-20a

Dear Miss Ollendorff:

The Orgonoscope will be forwarded to you today by
Railway Express. I have used the precaution of wrap-
ping the lens separately and placing it in the same
package.

Yours very truly,

(signed)

Helene Dukas
(secretary)

*From a letter A. L. Neale, Sumner School, Engl. E-21
Sept. 6, 1943*

"In July, 1940, I had discovered the light phenomenon, i.e. the
orgone in the atmosphere. Several months later I had constructed the
accumulator. Soon after that I found out that the temperature
measured by thermometer, above the top of the accumulator was con-
tinuously higher than the temperature in the surrounding air and
within the accumulator. I knew from physics that such a fact is
unbelievable and of tremendous importance, because all temperature
differences equalize according to physical law. If they don't
equalize, then there must be some source of energy which creates
heat. This temperature difference was not only continuous, but it
changed exactly with the weather. When the sun was shining it was
high, up to 2 degrees, and when it was raining it disappeared nearly
completely. The curves I obtained were completely in accordance
with electroscopic measurements of the energy concentration within
the accumulator. The electroscopes too showed strong concentration
in sunny weather and a great diminishment in rainy weather. I real-
ized the exceedingly important quality of this finding. I wrote
to Einstein to have a talk with him. He answered, he would be glad
to discuss it. I went to him one day in January, 1941, at 3.30 p.m.
and we had a rather exciting discussion about the orgone continuous-
ly until 8.30 in the evening. I explained to him the main features
of the bionous disintegration of matter, and the discovery of the
orgone radiation first in the SAPA bions and then in the atmosphere
as reported in my articles in the Journal. Not only was every single
fact new to him; but he became increasingly interested and excited.
Otherwise he would not have listened nearly 5 hours. I did not tell
him about the temperature differences which I knew was an unbeliev-
able fact for a physicist, until I had shown him the rays in the
orgonoscope which I had brought with me. And now, please, be atten-
tive: We put out the lights in the room and I gave him the orgono-
scope and showed him how to use it. We waited about 20 minutes to
accomodate the eyes. Then he looked through it through the window
and he exclaimed amazed: "Yes, it is there. I can see it." He looked
again and again, and he said: "But I see the flickering all the time.
Could it not be in my eyes?"

I was a bit astonished that he withdrew, because the orgonoscope
shows the rays in a delineated gray circle, distinguished from black
surrounding, and his exclamation was quite genuine and true. In my
article about the discovery of the orgone I had discussed at some
length the question of the objectivity of the rays, which are in the
eyes and outside of the eyes. The objective proof for the objectiv-
ity of the rays is, as I explained, the fact that you cannot magnify
impressions in the eye, but you can magnify objective rays. Einstein
asked me what else I had observed. Then I told him that I hesitated
to tell him about another phenomenon I had observed because he would
not believe it. Then I told him about the existence of the contin-
uous temperature difference between the air above the top of the
accumulator and within the accumulator and the free air. To that he
exclaimed: "That is impossible. Should it be true, it would be a great
bomb!" (verbally). He got rather excited and I too. We discussed it
sharply and then he said that I should send him a small accumulator
and if the fact were true, he would support my discovery. Before
departing, I told him that now he could understand why people were
saying that I was crazy. To this he said: "I can understand all right!"

I had a small accumulator especially build for him and brought it over about 2 weeks later. We agreed to observe the fact of the temperature difference immediately. We put the accumulator up in his cellar, the accumulator being on a table and a control thermometer hanging about 3 or 4 feet away in the air. After some time he and I could both see that the temperature above the accumulator was higher by about 1 degree than the temperature of the air. We were both very glad. He wanted to keep the accumulator for about 2 to 3 weeks and then write to me. He said, he wished to observe the continuity and the average of the temperature difference. After about 10 days he wrote me a letter. The letter stated: He had observed the existence of the fact of the temperature difference on the accumulator for several days.. Please remember that he as well as I thought such a fact as being quite extraordinary, according to his words "a bomb in physics". So he had observed the fact and affirmed it, but now comes that what I have experienced with physicists and other natural scientists again and again: First they deny the fact. When I demonstrate the fact and they cannot deny it any longer, then they try to explain it away by some wild interpretation. That happened not with Einstein, but with his assistant. I stress again the fact that the possibility of a continuous temperature difference without any visible source of heat seemed impossible to Einstein. Well, now it comes: The assistant, apparently some wise guy, knew all the answers. He told Einstein, that in cellars there is a "convection of heat from the ceiling to the table top," and that this must be the cause of the phenomenon which could not be denied any longer. Now, it is a law in scientific research that, when you have to confirm a fact and you propose a different explanation of the fact, you are obliged to control your own objection. Einstein's assistant did not do that. He simply "objected" without proof. Einstein took the trouble, as he wrote in his letter, to take the accumulator apart, and he discovered that there was a temperature difference between above and under the table. This fact, mind you, had not been known to Einstein. It seemed to confirm the objection of the assistant, but there were only two ways of finding out whether the objection of the assistant was correct or not. Now I shall pause for a moment. The answer is in the next few lines. I want you to think by yourself what you would have done in order to find out whether the temperature rise on the accumulator was due to heat conducted from the ceiling down or not.

Here is the experimental answer:

a) You take simply the control thermometer which was in the free air, and you put it above the table, in the same height as the thermometer above the accumulator. If the temperature difference is still there, then it cannot be due to the warmth from the ceiling. This is true. I had measured with both thermometers above the table for months and the temperature difference was always there.

But this experiment is still not pure because the ceiling of the room is still there. Thus, we have the possibility

b) to arrange the experiment so, and to measure the temperature above the accumulator in a way that no ceiling interferes. In February, two days long, I had put an accumulator in the open air into the soil. The ceiling was eliminated, and thus the argument of the assistant. I measured the temperature of the air above the accumulator

in the surrounding earth and in the air. Not only was the phenomenon still existent, but more: In the closed room the temperature difference as confirmed by Einstein, was several deci-degrees, 3 to 6 or 7 average. In the open the difference climbed up to 10 degrees and more in the sunshine, and 20 deci-degrees, i.e. 2 degrees in shadow and cold. The ceiling was not there anymore, but the fact of the temperature difference was still there. So these physicists had not thought, after having confirmed the fact, to control their own objections, whereas I had eliminated the ceiling and still could demonstrate the fact for more than 2 years now. I wrote the whole story to Einstein, feeling uneasy about this great physicist not having thought of the simple measure to control the fact in the open air himself. Einstein did not answer to this clear-cut elimination of the objection.

The whole procedure of Einstein was in the beginning correct, but when I had eliminated the objection it was not understandable. I could only assume that some crookish friend of mine from Vienna had, through the rumours put into the world about me, destroyed this great chance. We all had the impression that Einstein wished to wait, and not expose himself.

This experience shattered my confidence not only in practical knowledge, but into the ability of physicists to think, act and behave correctly, where "bombs" in physics are concerned. Einstein and I agreed that this one phenomenon, especially in connection with many others could not only shatter a great many concepts of physics, but that, in addition, it would also lay open a great many black spots in astronomical and physical science to correct answers. So they sit there quietly and are watching, without taking responsibility, my deadly difficult struggle to put the things across. When, after a decade or two, I shall have succeeded and be worn out from frustration, human disappointment and economic and psychic strain, then they will come, I am sure of that. But I doubt whether I shall accept it then. Einstein is very cautious. I do not doubt that he knows that I am right. He had seen the radiation in the orgonoscope and he had seen the temperature difference in his house, and he was informed about the much greater creation of heat in the open air without a ceiling. He knows well it is a bomb. He also knows about the results in cancer, obtained so far. You understand now my attitude toward physics and physicists in general. I want you now to join my standpoint that there are no authorities in orgone physics anywhere; that the fight is hard, and that I am on my own. But the facts are coming through slowly, on behalf of the conscientious and extensive proofs I have given, most of which are not published yet. The matter is especially hard and difficult because the discovery of the orgone is overthrowing a great many wrong assumptions and emergency theories, in the physical world. The four and one half hours of this intensive discussion with Einstein made him make the remark in the end, when I told him that I was originally a psychiatrist: "What else are you doing?" He had thought that I was originally a physicist.

Well, that is the story. It would be very painful and regrettable, if I had to publish it. The temperature difference, which meant a bomb to Einstein, has been observed now for nearly 4 years constantly and in all kinds of variations. It is a bomb, because it explains

the heat of the earth which was not understood until now, and it explains the immense quantities of the heat of the sun which had not been understood until now either. They become simple by the understanding of the fact that when the orgone particles which are everywhere are stopped in their motion, they create heat. The body-temperature and body-heat have not been understood either. They constitute one of the greatest riddles of biology, admitted by leading scientists. We don't have to consider the chatter-utterances of the small lice in science, who know everything by putting the label of a word, undefined and ununderstood on every phenomenon, which means nothing.

Wilhelm Reich

Wolfe to Einstein

8. II. 44

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E-22

Vaerney

Dear Prof. Einstein:

You will remember your discussions with Wilhelm Reich about the orgone/early in 1941, and the ensuing correspondence. Since that time, a number of readers of our publications have inquired whether you knew about this discovery. Unfortunately, we did not feel in a position to answer these queries because we never understood why you did not reply to Wilhelm Reich's extensive exposé of February 20, 1941, in which he submitted the experimental refutation of your assistant's explanation of the temperature phenomenon.

Recently, however, a new factor has been introduced into the situation. A rumor has been circulated that you undertook control experiments and were unable to confirm the findings. This is an attempt to discredit the findings which, in view of the importance of these findings, cannot be taken lightly.

it will be necessary

→ In view of these queries and rumors, we will have to publish the relevant facts from these discussions and from your letter to Wilhelm Reich of February 7, 1941.

Vsy

My wish to inform you that | Wm R.

0 /

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INSTITUTE

February 14, 1944

Dear Prof. Einstein:

E-23

You will remember the discussions with Wilhelm Reich about the orgone energy early in 1941, and the ensuing correspondence. Since that time, a number of readers of our publications have inquired whether you knew about this discovery. Unfortunately, we did not feel in a position to answer these queries because we never understood why you did not reply to Wilhelm Reich's extensive exposé of February 20, 1941, in which he submitted the experimental refutation of your assistant's explanation of the temperature phenomenon.

Recently, however, a new factor has been introduced into the situation. A rumor has been circulated that you undertook control experiments and were unable to confirm the findings. This is an attempt to discredit the findings which, in view of the importance of these findings, cannot be taken lightly.

This is to inform you that, in view of these queries and rumors, it will be necessary to publish the relevant facts from these discussions and from your letter of February 7, 1941, to Wilhelm Reich.

Very sincerely yours,

Theodore P. Wolfe, M.D.

Prof. Albert Einstein
112 Mercer Street
Princeton, N.J.

February 15, 1944

COPY

Dr. Theodore P. Wolfe, Editor
International Journal of
Sex-Economy and Orgone Research
401 East 56th Str.
New York City

ARCHIVES
of the
ORGONE
INSTITUTE

E-24

My dear Dr. Wolfe:

I received your letter of February 14th. I have to draw your attention to the fact that you have no right to publish anything I have written to Dr. Reich without my permission. I do not give my permission for any publication of the kind you suggested and I have to inform you that I shall take steps to prevent any misuse of my name in this connection. I cannot have my name used for advertising purposes - especially in a matter which has not my confidence.

Very truly yours,

Albert Einstein.

February 16th, 1944

Mr. John P. Chandler
535 Fifth Avenue
New York, N.Y.

ARCHIVES
of the
ORGONE
INSTITUTE **E-25**

Dear Mr. Chandler:

I am sending you herewith enclosed the following documents:

1. letter from me to Einstein of December 30, 1940
2. letter from Einstein to me of February 7th, 1941, in which he confirms the existence of the temperature difference, but supplies with it a misinterpretation of his assistant. (sent to you directly by Dr. Wolfe)
3. My extensive letter to Einstein of February 20th, 1941, with experimental refutation of the interpretation of Einstein's assistant.* I never received an answer to this letter which was not understandable to me and all my co-workers. Not being able to imagine that Einstein could behave unpolitely, I continued in two more letters (May 1, 1941 and September 23rd, 1941) to tell him about the Orgone research. These letters too remained unanswered.
4. letter from Wolfe to Einstein of February 8th, 1944. This letter was caused by the rumors we heard to the effect that Einstein has been unable to confirm the findings, which was not true.
5. Excerpts of a letter I wrote to Neill on September 6th, 1943, in response to his urgent request why I do not get in touch with Einstein.

The whole situation is preposterous, and I am afraid we shall not be able to escape a public clean-up of the affair.

Sincerely yours,
Wilhelm Reich
(signed) Wilhelm Reich

*There exists a chart in my files which contains the details of these measurements. It will be published in the next issue of the Journal.

17. II. 1944

Punkte für einen Brief an Einstein am 2. u. 4. 44

E-26

1. Die Nichtbeantwortung meines Briefes vom 20. Februar 1941 war völlig unverständlich. Er hatte die Möglichkeit einfach zu antworten, dass er mit der Sache nichts zu tun haben wolle, oder dass er davon nichts versteht oder ähnlich. Aber die Nichtbeantwortung war eine unverdiente Beleidigung. Nun kann niemand anständigen Menschen, die schwer arbeiten und eine wichtige Sache vertreten, beleidigen, wer immer er sei. Er hat durch die Nichtbeantwortung die Sache nur erschwert, denn eine Erklärung, dass er mit der Sache nichts zu tun haben wolle, hätte dem Publikum ruhig mitgeteilt werden können, obwohl sie dem Laien ungünstig geklungen hätte. Die unverständliche Nichtbeantwortung dagegen hat die peinliche Situation herbeigeführt, wie sie jetzt vorherrscht. 4 Jahre lang wurde die Sache unbenutzt gelassen, was allein Beweis ist, dass wir seinen ~~xxxxx~~ Hilfe nicht in Anspruch nehmen wollen. Wir können nichts dafür wenn feindselige Menschen seine Autorität missbrauchen.
2. Der Passus, der behauptet, dass es sich um Advertising handelt, ist eine neue unerhörte unverständliche Beleidigung, die scharf zurückzuweisen ist. Es wurde ihm bereits 1941 mitgeteilt, und es ist allgemein bekannt, dass mit der Orgonforschung keinerlei Profitinteressen verbunden sind, ganz im Gegenteil zu General Electric.
3. Es ist völlig gleichgültig, ob er Vertrauen oder nicht Vertrauen zur Sache hat. Das Orgon existiert, so oder so, und seine Anerkennung ist unaufhaltbar, so oder so. Die Schritte, die das Institut zu unternehmen gezwungen ist, gehen nicht darauf aus, seine Bestätigung zu erzwingen, sondern sie sind einzig darauf gerichtet, böse Gerüchte zu widerlegen. Es ist in wissenschaftlichen Dingen undenkbar, dass man irrationalen Vorgängen und Reaktionen nicht zu antworten vermag, weil eine Autorität nicht in eine Sache verwickelt werden will. Die Entdeckung des Orgons ist wichtiger als jede Autorität. Es ist also nicht eine Sache des Vertrauens oder nicht Vertrauens, sondern es geht einzig u. d. allein um die Frage, ob die Temperaturdifferenz existiert, ob sie von ihm gesehen wurde und ob die experimentelle Widerlegung zu Recht besteht oder nicht. Wissenschaftliche Dinge sind keine Vertrauensangelegenheiten.
4. Es muss klar hervorgehoben und betont werden, dass es nicht um eine Kleinigkeit geht, sondern darum, dass eine Energie entdeckt wurde, die seit Jahrhunderten von mechanistisch orientierten Physikern übersehen wurde und dass Phänomene, die die Existenz einer atmosphärischen kosmischen Energie bestätigen, unausgesetzt und wie systematisch fehlgedeutet werden. Dass fortgesetzt die tollsten Widersprüche in den physikalischen Behauptungen geduldet werden, ohne dass sich jemand die Mühe nimmt, diese Widersprüche als solche auch nur zu nennen. Aber gerade an diesen Widersprüchen setzen die Tatsachen der Orgonphysik ein.


WR

- 5. Es muss ebenso klar festgestellt werden, dass nicht persönliche, sondern sachliche Rücksichten zur Vertretung der Entdeckung dienen, von deren Konsequenzen noch niemand eine korrekte Ahnung haben kann. Es können also auch keine persönlichen Rücksichten genommen werden.
- 6. Bei der geringsten Spur von Ausserungen, dass es sich hier um Schwindel handelt, würde das Institut mit Verleumdungsklage vorgehen.
- 7. Die Widersprüche seiner Haltung sind unverständlich, denn gerade seine Feldtheorie fordert sozusagen die Existenz des Orgons, abgesehen von ganz praktischen Dingen wie solchen, dass bisher das Medium, in dem die elektro-magnetischen Wellen schwingen, unbekannt war, ein Rätsel, das durch die Entdeckung des Orgons komplett aufgelöst wird.

8. Urgesamt soll C. Stein die Rolle der Vertretung der organischen Physik zu sein und auch die der Vertretung

Technik der Organphysik. Im Konzept von C. Stein hat man sich über gewisse Punkte: C. Stein verfügt über die besten Fähigkeiten der Orgon, eine nicht formale, sondern praktische, von formaler ist. Er hat sich nicht mit Vorwissen haben allen anderen, die die Orgon world wollen. Fürs erste, kann es, ein solches formale Handeln, wegen, das die Arbeit auf unserem Kopf. Er hat das Recht, wie haben die Arbeit. Er hat die Rolle der Physik, wie nicht. Es ist nicht selbst in unbeschriebenen, es führt auf solche Mittel und Methoden.

9. C. Stein ist verurteilt, den Kopf der Orgon eine persönliche Hinsicht wie die Welt in einem

over 

10. Klagepunkte: E-26

- a. Pisswasser + meine Post an C. Stein
- b. geht Kleinpublikation nicht durchzuführen, vorbereiten fesselt antwort
- c. Vordruck eine persönliche Angelegenheit.

11. Freundlos aller Aktionen:

C. Stein hat verdrückt nicht von Recht d. Orgon. Wie werden nicht viel in der Physik. Nicht einfache Tatsachen gelten.

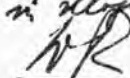
12. Ein Steins ungelöste Probleme seinen unverständlichen

- Bemerkungen:
- a. A kann nicht auf eine Idee, im Fokus ^(Könige) zu sein.
 - b. A ist durch gewisse Elektroprobleme.
 - c. A führt die in seiner Welt. Theorie der Aktes, die ein antwort ist.

Er scheint jetzt, sein Recht gegen seinen Vorbehalt als in untern: Antwort: Proof on them:

- a. Es ist vornehmlich sein auf sein Praktikum
- b. Es ist beide die unzureichende Punkte unternommen. Sie nicht befolgt.
- c. Es ist aber seine Antwort in repr. Aktes was er über in hoch sein

Proof von 029. 1941

Quint: A hat eine Recht, die sollte in allen Aktes nicht fertig sein. 

den 18. Februar 1944

Lieber Dr. Wolfe:

Hier ist der Brief, den ich Ihnen nach weiterer Überlegung der peinlichen Einstein Affaire zu schreiben versprach. Ich möchte die Kusserat komplizierte, und vom rein rational wissenschaftlichen Standpunkt aus unverständliche, Angelegenheit in einigen wenigen Punkten, so gut ich sie begreife zusammenfassen:

1.

Schon die Nichtbeantwortung meines ausführlichen Briefes an Einstein vom 20. Februar 1941 war und blieb in der Folge unverständlich. Er hatte ja, wie ich in einem nicht abgesandten Brief an ihn schon im Oktober 1941 feststellte, die Möglichkeit offen zu erklären, dass er von der Organ-Arbeit nichts verstehe, oder dass er mit ihr nichts zu tun haben wollte. Das wäre begrifflich und unanfechtbar gewesen. Aber die Nichtbeantwortung meiner experimentellen Widerlegung der erhobenen, falschen Interpretation eines feststehenden Phänomens, war eine unverdiente Beleidigung. Diese Nichtbeantwortung meines Briefes und der folgenden Mitteilungen war mir derart unverständlich, und der Gedanke, Einstein könnte irrational handeln war mir so zuwider, dass ich jede Möglichkeit einer solchen Tatsache von mir absichtlich und immer wieder mit Anstrengung wagschob. Ich habe ja im Verlaufe meiner wissenschaftlichen Arbeit reichlich Irrationalismus seitens wissenschaftlicher Arbeiter kennen gelernt. Aber ich kannte Einsteins Werk zu gut, und ich hatte wie immer zu viel Respekt vor echter Wissenschaft, dass ich mir den Gedanken einer möglichen Irrationalität in diesem Falle streng versagen musste. Ich möchte nun festhalten, dass bei aller Achtung vor der Einsteinschen Leistung selbstverständlich noch immer der Grundsatz gilt, dass niemand, wer immer er sein mag, das Recht hat, anständige Menschen, die schwer arbeiten, eine Riesenache opferreich vertreten, zu beleidigen. Ich hätte natürlich Einstein nicht weitere Mitteilungen über die Organforschung gemacht, wenn ich die Möglichkeit zugelassen hätte, dass Einstein, nach allem was zwischen uns gewesen war, bewusst beleidigend handeln wollte.

Er hat durch die Nichtbeantwortung meines Briefes die ganze Sache nur erschwert. Er hatte es ja garnicht nötig, nicht offen zu erklären, dass er mit der Sache nichts zu tun haben wolle. Ich hätte nicht gezögert, eine solche Stellungnahme Einsteins der Öffentlichkeit mitzuteilen, wenn es die Wahrheit erfordert hätte. Auch dann nicht, wenn eine solche Veröffentlichung den autoritätstüchtigen Laien gegen uns und unsere Arbeit eingenommen hätte. Die Nichtbeantwortung meines Briefes hat, wie jeder nun sehen kann, die ganze Feinlichkeit der gegenwärtigen Situation herbeigeführt. Ich habe mehr als drei Jahre gezögert die Temperaturmessungen zu publizieren, um der peinlichen Situation auszuweichen. Das allein beweist, dass ich nicht nur darauf verzichtet hatte, seine Hilfe in Anspruch zu nehmen, sondern dass ich, darüber hinaus, Rücksicht auf

Dr. Wolfe

18.2.1944

Einsteins Stellung in der Wissenschaft nahm. Ich wusste nämlich, dass Einstein bei der Kontrolle meines Experiments ein Fehler unterlaufen war, der ihn natürlich in keiner Weise in meinen Augen herabsetzte, der aber einer pestigen Welt gegenüber leicht böartigen Charakter hätte annehmen können. Sein Fehler war folgender:

Wenn der Erfinder der Dampflokomotive zu einem Einstein des vorigen Jahrhunderts gekommen wäre, um die Lokomotive zu demonstrieren, so wäre es zweifellos eine ebensolche "Bombe" gewesen, wie meine Demonstration einer Temperaturdifferenz an einem banalen Kasten ohne sichtbare oder ~~unbekannte~~ bekannte konstante Wärmequelle. Stellen Sie sich nun vor, dass der Einstein des vorigen Jahrhunderts zwar eindeutig feststellt, dass die Lokomotive sich tatsächlich zu bewegen vermag. Es liegt aber nicht im Wesen der Physik jener Zeit, die Dampfenergie zu kennen. Die Lokomotive erscheint also wie ein Wunder, oder, anders ausgedrückt, dem Wissenschaftler des vorigen Jahrhunderts als unwahrscheinlich und unmöglich. Der Einstein des vorigen Jahrhunderts, der die Dampfenergie nicht kennt, merkt nun, dass die Lokomotive sich bewegt und er will die Ursache herausfinden. Er nimmt nun die Maschine auseinander und stellt fest, dass sie sich nicht mehr bewegt. Er entdeckt ferner, dass es ein Dampfphänomen, von dem er keine Ahnung hatte, in der Nähe der Lokomotive gibt, ein Phänomen, das ebenso unauflösbar ist, wie die Bewegung der Lokomotive. Er erklärt nun, die Lokomotive wäre gelaufen, weil es in ihrer Nähe Dampf gegeben hätte. Die einzige Möglichkeit zu entscheiden, ob der Dampf ~~gehört~~ der Lokomotive, oder der Dampf innerhalb der Lokomotive Ursache der Bewegung ist, besteht darin, die Lokomotive an eine Stelle zu bringen, wo es keinen Dampf daneben gibt. Wenn sie sich noch immer fortbewegt, dann hat die Fortbewegung mit dem Dampf neben der Lokomotive vorher nichts zu tun. Übertragen wir dieses begrifflicher Weise etwas hinkende Beispiel auf den Fall unseres Organaccumulators:

Die Tatsache, dass ein einfacher Kasten - innen aus metallischen und aussen aus organischem Material - eine Temperaturdifferenz gegenüber der umgebenden Luft erzeugen könnte, erschien Einstein so unmöglich und fremd, so unglaublich und unwahrscheinlich, dass er nicht nur von einer "Bombe" in der Physik sprach, sollte sich das Phänomen bei ihm bestätigen, sondern dass er auch, als er das Phänomen bestätigen musste, in begrifflicher Neugierde den Kasten auseinander nahm, um zu sehen, wie das Phänomen zustande kommt. Nur so kann ich mir rein menschlich erklären, dass es ihm nicht einfiel, den Accumulator unberührt zu lassen und ihn, so wie er war, im Freien zu beobachten, wo es weder eine Zimmerdecke noch eine Tischplatte gibt. Die Messung im Freien hätte ihm natürlich viel weniger Mühe verursacht als das komplizierte Auseinandernehmen des Kastens, wie es in seinem Brief beschrieben ist.

Diese menschlich psychologische Reaktion scheint mir die einzig verstehbare Deutung des Verhaltens zu liefern. Das Experiment selbst ist sinnenklar. Sichtlich rational hätte Einstein auf sein ausführliches Exposé zustimmend und anerkennend antworten müssen. Ich bin auch noch heute überzeugt, nach allem was gewesen ist, dass er genau weiss, dass ich Recht habe. Meine unbegreiflicher bleibt demnach sein Verhalten in der Sache. Nachdem ich nun unter sträflicher Hintansetzung der Interessen der Organforschung 3 Jahre lang eine selbstverständliche Rücksicht genommen hatte, nahm die Angelegenheit eine Wendung:

11.

Ein Arzt, der mich besuchte und von der Organforschung viel gehört hatte, erzählte mir, dass Dr. Edith Jacobsohn, eine frühere Berliner Mitarbeiterin und spätere Feindin aus schlechtem Gewissen, ihm gesagt hätte, dass Einstein das von mir behauptete Phänomen nicht bestätigen konnte. Das entspricht nun nicht den Tatsachen, denn Einstein hatte das Phänomen bestätigt, wenn auch die Interpretation zunächst anders war. Wir wären wohl berechtigt gewesen, die Korrektur dieses Gerüchts in der Öffentlichkeit vorzunehmen, ohne es Einstein vorher mitzuteilen. Dazu hätten wir garnicht seinen Brief an mich, sondern bloss seinen Brief an ihn und meinen Brief an Neill vom 6. September abdrucken müssen. Wir brauchten also seine Erlaubnis garnicht. Wir waren nun rücksichtsvoll und höflich genug, um, trotz seines vorerst unverständlichen, nun als Beleidigung verstandenen Verhaltens in den 3 Jahren, ihm mitzuteilen, dass wir verstandenen Verhaltens in den 3 Jahren, ihm mitzuteilen, dass wir dem Gerücht entgegenzutreten wollen. Dies schlug ich nun seinerzeit mit der bewussten Absicht vor, Einstein die Möglichkeit zu geben, seine Meinung dazu zu äussern. Auf unsere Höflichkeit und Rücksicht antwortet nun Einstein mit einer neuen Grobheit und Beleidigung. Er deutet an, dass wir seinen Namen zu Propagandazwecken missbrauchen wollen, als ob wir die Erzeuger von einem Haarwuchsmittel oder elektrischen Birnen wären. Dazu möchte ich, und ich bitte Sie mir zu glauben, in vollkommen sachlicher und ruhiger Weise, feststellen:

a) Wie Sie wissen, habe ich für meine Entdeckungen weit weniger Propaganda gemacht, als für die Entdeckungen Einsteins gemacht wurde. Ich möchte dabei nicht über das Grössenverhältnis der Entdeckungen streiten.

b) Es wurde Einstein mündlich in der Unterredung mit mir und im schriftlich in langen Exposé, es wurde ferner in der Zeitschrift mitgeteilt, dass mit der Organforschung keinerlei Profitinteressen verbunden sind; dass ich dem üblichen Verständnis ungläubliche wirtschaftliche Opfer im Interesse der Sache gebracht habe.

c) Unser Institut ist weit davon entfernt Propaganda für unsere Entdeckungen zu machen, entsprechend den vollkommen korrekten Gepflogenheiten wie den materiellen Möglichkeiten einer Firma wie etwa General Electric.

Unser grösster, unverständlicher und schmerzhafter ist diese neue Beleidigung, die Einstein seinem Verhalten in der Sache noch hinzufügte. Ich glaube, dass wir uns solche Beleidigungen nicht gefallen lassen dürfen, sie mögen kommen von wem immer sie wollen.

III.

Es ist völlig gleichgültig, ob Einstein Vertrauen oder Nichtvertrauen zur Organforschung hat, und weshalb er kein Vertrauen hat. Die Organenergie existiert unabhängig davon, und diese Existenz wird anerkannt werden, früher oder später, so oder so, unaufhaltsam. Die Schritte, die das Organ Institut unternahm oder weiterhin zu unternahmen gezwungen sein wird, gehen nicht darauf aus, und das möchte ich unterstreichen, eine Bestätigung durch Einstein zu erzwingen. Das hätte ich ja schon vor 3 Jahren längst tun können. Ich habe es unterlassen, weil es eine schmutzige Angelegenheit wäre und weil die Organforschung es nicht nötig hat, sich auf Einstein zu stützen.

Die Publikation des Instituts, die die Einstein Affaire betrifft, ist einzig darauf gerichtet, böartige Gerüchte zu widerlegen, die der Wahrheit nicht entsprechen und nur die Funktion haben, uns zu diskreditieren gerade dadurch, dass man sich auf Einsteins Autorität in physikalischen Dingen stützt. Streng sachlich und wahr gesehen, sollte sich Einstein gegen die Gerüchtmacher wenden, die seinem Namen missbrauchen um uns zu diskreditieren, und nicht gegen uns, die die äussersten Ausmassen an Rücksicht und Höflichkeit ihm gegenüber bisher gewährt haben und auch weiterhin zu wahren entschlossen sind. Wir sind nun hier in einem Konflikt, dessen Lösung nicht einfach ist. Wir können nicht den Grobheiten oder irrationalen Verhaltensweisen anderer dadurch begegnen, dass wir selbst grob oder irrational werden. Wir tun es nicht, weil wir Angst vor Einsteins Autorität haben. Wir tun es, weil wir, nachdem nun die Dinge einmal liegen wie sie sind, ohne Einsteins faktische Bestätigung des Phänomens auskommen können, wollen und müssen. Aber es ist undenkbar, dass irrationale menschliche Reaktionen in der Sache den Gang der Entwicklung zu hemmen nur deshalb, weil eine Autorität in physikalischen Dingen in die Sache verwickelt ist. Die Entdeckung des Orgons ist für die Welt viel wichtiger als irgend eine Autorität oder andere Rücksicht. Es geht also in der Sache nicht um Fragen dieses oder jenes Vertrauens oder Misstrauens, sondern es geht einzig und allein um die Frage, ob die Temperaturdifferenz ohne sichtbare oder bekannte Energiequelle existiert. So wenig wie Einsteins Bestätigung des Phänomens benötigten oder heranziehen wollen, so wenig auf der anderen Seite dürfen wir es zulassen, dass ein Missbrauch seiner Autorität durch die emotionelle Pest gegen uns ausgewertet wird. Halten wir diese zwei Gesichtspunkte scharf gegenüber. Im ersten Falle sind wir entschlossen, Einsteins Wünsche weiter zu respektieren. Im zweiten Falle sind wir ebenso entschlossen, die Rücksicht auf die Organforschung allem anderen voran zu stellen.

IV.

Dennoch die ganze Affaire scheint mir nach reiflicher Überlegung viel tiefer zu liegen, als bloss in einem persönlichen Konflikt zwischen Einstein und mir. Tatsächlich und völlig logisch wenn man die Sache näher bezieht, sind in Form dieses Konfliktes zwei naturwissenschaftliche Welten aneinander und gegeneinander gestossen. Einstein fiel die Rolle der Vertretung der Physik des Anorganischen, und mir fiel, oft sehr zu meinem Bedauern, die Vertretung einer Energie zu, die sowohl das Anorganische wie das Lebendige steuert. Es geht also hier auch nicht um Einsteins oder meine Persönlichkeit. Es ist kein Zufall, dass die Organenergie, also die kosmische Grundenergie, die das Lebendige steuert, nicht von der Physik des Toten, sondern von der Psychiatrie, den Emotionen her entdeckt wurde. Ich bin, indem ich diese Entdeckung machte, in keiner Weise aus dem Gebiet der Bio-Psychiatrie hinausgetreten. Es kehrt sich einfach ein Verhältnis zwischen den physikalisch-mathematischen und den biologischen Wissenschaften um: Bisher lief die Biologie, Medizin etc. der Chemie und Physik nach und versuchte sich, in völlig unrichtiger Weise durch die im Toten gewonnenen Gesetze, auf eine naturwissenschaftliche Basis zu stellen. Durch die Entdeckung des Orgons kehrt sich das Verhältnis um, indem nun die Funktionen des lebendigen Organismus das tatsächliche Vorbild für die Erforschung derjenigen Grundenergie abgibt, an den nicht nur die Organenergie erforscht

werden wird, sondern weit mehr als das, die vielen Lücken und Unstimmigkeiten im Gebiete der Chemie und Physik werden einzeln und allein durch die Tatsachen der Orgonforschung aufgeklärt werden. Es wird also, und das darf ich ruhig voraussagen, von nun an nicht mehr die Biologie und Psychiatrie der Physik und Chemie, sondern es wird umgekehrt die Physik und Chemie der Biologie und Psychiatrie nachrechnen, um sich auf eine bessere und exaktere naturwissenschaftliche Basis zu stellen. Dies gilt auch noch in einem anderen und tieferen erkenntnistheoretischen Sinne!

Die Naturwissenschaft und die Naturphilosophie wissen seit Jahrhunderten, dass die Pforte jeder Art Naturerkenntnis, also die Kommunikationsstelle zwischen Ich und Welt, ausschließlich durch die Empfindungen, die das Ich von der Aussenvelt hat, gebildet wird. Der Streit sämtlicher Naturphilosophien in der Vergangenheit über die Natur der Dinge ging um die Frage der Korrektheit und Objektivität der Empfindungen, die das einzige Mittel der Naturerkenntnis bilden. Zum ersten Male in der Geschichte der Naturwissenschaft ist eine breite Bresche in das Wesen der Empfindungen geschlagen worden. Es ist nicht nur kein Wunder, sondern im Gegenteil völlig logisch und konsequent, dass es ein bio-psychiatrisches Spezialgebiet, nämlich die Sexualökonomie, war, die mit Emotionen und Empfindungen operiert, die der kosmischen Grundenergie auf die Spur kam. Meines Publikationen geben im logischen Gang ihrer Entwicklung davon Zeugnis.

Ich hoffe, dass ich mich verständlich genug gemacht habe. Dieser Kampf zwischen der Physik des Lebendigen mit ihren Beziehungen zur kosmischen Physik und zur Physik des Toten, wird hart und lebensgefährlich sein. Es liegt mir daran, dass hier keine Illusionen aufkommen. Früher oder später wird die mechanistische Physik ihren Lebenssaft aus der Orgonphysik schöpfen, gleichgültig ob ich oder ein anderer ihr Vertreter ist. Heute steht die Sache so: Die Hauptvertreter des Mechanismus haben Macht und die mechanistische Struktur auf ihrer Seite. Wir dagegen sind sehr im Nachteil. Unsere naturwissenschaftliche Arbeit kann sich nicht auf ein Routinewissen von Jahrhunderten stützen. Sie muss sich das entdeckte Neuland unter schweren Gefahren und Erschütterungen an erddeckte Meeresküsten erobern. Wie Sie wissen, hat die Organismusangst, also die Angst vor der Wahrnehmung der Organempfindungen, den wesentlichen Grund dafür gebildet, dass die Orgonenergie bisher nicht entdeckt wurde. Zu den Unsicherheiten, denen ich in der Orgonforschung ausgesetzt bin, kommen nun diese irrationalen menschlichen Reaktionen und eine Welt von Macht und Einfluss gegen mich hinzu. Man könnte oft versagen; doch jeder Gang in mein Laboratorium bringt mich immer wieder zu der Gächheit zurück, die die Sache erfordert. Die Tatsachen, die sich im Laufe von Jahren aneinanderreihen, stimmen in wunderbarer Weise zusammen. Ich habe dabei oft Mühe, logisch zu folgen. Wir verfügen also über ein Stück mächtiger Tatsachen-Wahrheit.

Ich brachte diese tiefere Bedeutung des Konfliktes nicht ohne Grund vor. Es besteht das folgende, katastrophale Missverständnis, das gefährlich werden kann, wenn wir es nicht andauernd aufklären. Man sagt: Orgonenergie, wenn sie existiert, gehört ins Gebiet der Physik. Einstein ist der führende Physiker des Jahrhunderts. Deshalb gilt seine Ansicht und keine andere. Dass es die Autoritätsangst und Verantwortungsangst der Menschen ist, die das Missverständnis begründen, muss nur nebenbei erwähnt werden. Niemand bestreitet

Einstein die höchste Autorität im Gebiete der Physik des Toten. Aber er besitzt nicht die geringste Autorität und nicht das geringste Wissen über das Gebiet der Energie des Lebendigen, des Orgons. Alle Tatsachen, die ich ihm im Jahre 1941 in der viereinhalbstündigen Unterredung mitteilte, waren ihm neu, zum Teil in höchstem Masse überraschend, aber doch im Prinzip denkbar, sonst hätte er sich nicht soviel Mühe gemacht. Die Autorität auf dem Gebiete der Orgonphysik und Orgon-Biophysik muss, und das wollen wir immer wieder in der Öffentlichkeit festhalten, von jedem erworben werden, der darüber aussagen will. Dies ist schon deshalb erforderlich, daß die Gesetze der Orgonphysik grundsätzlich anders sind als die Gesetze der Mechanik, der Elektrizitätslehre etc. Hier genügt, wenn ich nur an eine Tatsache erinnere, dass nach den Gesetzen der toten Physik die Energie regelmäßig vom starken zum schwachen System fließt; in der Orgonphysik aber umgekehrt das stärkere System das schwächere an sich zieht, oder aber ihm die Energie entzieht. Sie begreifen, was ich hier meine. Es wurde der Gedanke ausgesprochen, dass Einstein mit seiner physikalischen Autorität leicht die Sache der Orgonphysik für lange erschlagen könnte. Das kann er gewisse, wenn er sich auf den eigenen und fremden Irrationalismus stützt. Er kann es nicht, wenn wir klar aussinanderhalten, wo er Autorität ist und wo nicht. Es gelten in diesen Diskussionen sachlicher Weise keine komplizierten Formeln, keine Weltraum-Konstruktionen, sondern die Diskussion betrifft einfachste, banalste Grundtatsachen der Natur, wie etwa Existenz und Verteilung von Wärme, Wärmeproduktion im Organismus, Funktion der Isolatoren, das Medium der Radiowellen, etc.

Es wird ein Jahrzehnt oder noch länger dauern, ehe ich so weit sein werde, auf die wesentlichsten, einfachen Fragen die die Physik, also Einsteins Gebiet betreffen, Antwort zu geben. Die Auseinandersetzung der Orgonphysik mit der mechanistischen Physik des Toten ist nicht zu vermeiden und soll auch nicht vermieden werden. Aber sie muss unter allen Umständen im Gebiete des Rationalen gehalten werden. Es darf auf keinen Fall passieren, dass, wie so oft in der Wissenschaft geschah, Macht und Einfluss über Wahrheiten entscheiden.

Ich bereite eine ausführliche Publikation über den Irrationalismus, mit dem man Lebenserscheinungen und infolgedessen auch der Orgon-Biophysik begegnet, vor. In dieser Publikation werde ich auch die Einstein-Affäre darzustellen haben. Die Gelegenheit dazu wird sich dadurch bieten, dass gerade Einsteins Theorie vom "Feld" und der Materie - Energie - Beziehung die Existenz einer grundsätzlichen kosmischen Energie, die alles durchdringt und steuert, sachlich fordert. Es wird sich also wiederholen, was sich bereits in der Begegnung mit dem Marx'schen und Freud'schen wissenschaftlichen System abgespielt hat: Ich werde wahrscheinlich Einsteins Theorie gegen Einstein selbst zu vertreten haben.

Ich überlasse es Ihnen, ob Sie nun auf Einsteins beleidigenden Brief antworten wollen und wie Sie es tun. Es besteht die Möglichkeit überhaupt nicht zu antworten oder bloss die Verdächtigungen sachlich ernst zurückzuweisen.

Hersichtlich

Ihr

Wolke

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E-28

den 20. Februar 1944

Sehr geehrter Herr Einstein!

Dr. Wolfe schickte mir eine Kopie Ihres Briefes. Ich muss als verantwortlicher Leiter einer Gruppe anständiger wissenschaftlicher Arbeiter und einer Arbeit von grosser Bedeutung gegen die von Ihnen zugefügte Beleidigung protestieren.

Erst erklären Sie sich völlig ungedrungen bereit, diese Arbeit zu unterstützen, wenn das Temperaturdifferenz-Phänomen, dass Sie für eine Bombe in der Physik erklären, zurecht besteht. Es bewies sich vor Ihren Augen als zurechtbestehend und wahr. Ihr Assistent bringt eine unrichtige Interpretation vor, die ich experimentell widerlege. Sie beantworten den langen Brief nicht, in dem Ihnen dies mitgeteilt wird. In der Folge wird Ihnen durch Mitteilung unpublishierter Riesen Tatsachen und Annahmen grosses Vertrauen bewiesen. Nun beginnen Feinde meiner Arbeit Ihre physikalische Autorität gegen mich auszunutzen, indem sie die Wahrheit fälschen und Gerüchte nach berühmten Mustern in die Welt setzen. Nachdem ich mehr als drei Jahre mit der Publikation der Ihnen 1941 mitgeteilten Tatsachen sögerte, sehen wir uns gezwungen, öffentlich zu berichtigen. Ich bitte Dr. Wolfe, Ihnen die Notwendigkeit dieser Publikation vorher mitzuteilen; ich übe also volle Rücksicht. Darauf antworten Sie in beleidigender Weise, indem Sie uns als Geschäftsmacher hinstellen, die Ihren Namen zu Propagandazwecken missbrauchen wollen. Die Grundtatsachen der Orgonphysik sind zu ernst und zu gut fundiert, um mit schädlichen Mitteln durchgesetzt zu werden. Sie setzten sich bisher ohne Ihre Bestätigung durch und werden es weiter tun.

Sie haben nicht das Recht, arbeitsame, ehrliche Menschen, die für wissenschaftliche Forschungsarbeit die grössten persönlichen und geldlichen Opfer bringen, zu beleidigen. Ich habe Ihnen mitgeteilt und es ist dokumentarisch festgelegt, dass mit der Orgonforschung nicht nur kein Profit verbunden ist, sondern dass sie ganz im Gegenteil unermessliche Summen kostet.

Ihr Verhalten ist mir unfassbar. Wenn Sie Missbrauch Ihres Namens verhindern wollen, so wenden Sie sich gegen die Gerüchtmacher, und nicht gegen uns.

Ihr

Wilhelm Reich

Translation from German original
by T.P.W.

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E-28a

February 20, 1944

Dear Professor Einstein:

Dr. Wolfe sent me a copy of your letter. As the responsible leader of a group of decent scientific workers and of work of great significance I must protest against the insult contained in your letter.

At first you declared your readiness - quite spontaneously - to support this work in case the phenomenon of the temperature difference, which you called a bombshell in physics, were confirmed. It confirmed itself before your own eyes. Then your assistant submitted an erroneous interpretation of the phenomenon, which interpretation I refuted by experiment. You failed to answer the long expose in which I communicated this experimental refutation to you. Subsequently, you were shown the greatest confidence by the communication of most important findings and hypotheses. Then, enemies of my work began to utilize your authority in physics against me, by falsifying facts and circulating rumors in a well-known fashion. After having postponed the publication of the facts presented to you in 1941 for over three years, we saw ourselves forced to present the true facts to the public. I asked Dr. Wolfe to notify you in advance of the necessity of this publication; that is, I showed every consideration. To this you answered in an insulting manner by representing us as Geschäftsmacher who want to misuse your name for propaganda purposes. The basic facts of orgone biophysics are too earnest and too well-founded to be propagated by shabby means. Thus far, they have established themselves without your confirmation, they will continue to do so.

You have no right to insult industrious, honest people who make the greatest personal and material sacrifices for scientific research work. As I told you, and as is confirmed by documentary evidence, there is no profit involved in orgone research; on the contrary, it consumes great amounts of money.

Your attitude is incomprehensible to me. If you want to prevent misuse of your name you should proceed against the rumor-mongers, and not against us.

Yours,

(signed

Wilhelm Reich

Wilhelm Reich

Copy to Mr. John P. Chandler, 3/12/44

den 24. Februar 1944

Dr. Wilhelm Reich
99-06 Stafford Ave.
Forest Hills N.Y.

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E-29

Sehr geehrter Dr. Reich:

Sie tun mir sehr unrecht, indem Sie behaupten, dass ich ~~schlechte~~ ^{nachteilige} Ansichten über Ihre Bestrebung in Umlauf gesetzt hätte. Ich habe Ihren letzten Brief nicht beantwortet, da ich mir so gut ich konnte ein Urteil gebildet hatte und nicht in der Lage bin, mehr Zeit darauf zu verwenden. Ich muss auch Sie bitten, meine mündlichen und schriftlichen Äußerungen discret zu behandeln, was auch ich mit den Ihrigen stets getan habe.

Mit ausgezeichnetester Hochachtung

A. Einstein.
Albert Einstein.

1952: This perfect, honestly felt
innocence is the tool of Morson
in the great pillage of the
20th century.

Translation from German original by
T.P.W.

A. Einstein
112 Mercer Street
Princeton, New Jersey

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INSTITUTE

E-29a

February 24, 1944

Dear Dr. Reich:

You do a great injustice to me in contending that I put into circulation disadvantageous views of your endeavors. I did not answer your last letter because I had formed an opinion as best I could and because I am not in a position to give it any more time. I have to ask you too to treat my oral and written utterances with discretion, as I have always done with yours.

Very sincerely yours,

(signed)

A. Einstein

1952: What an innocence !!

Copy to Mrs John P. Chandler, 3/12/44

Copy

February 25th, 1944

Mr. John P. Chandler
535 Fifth Avenue
New York, N.Y.

Dear Mr. Chandler:

Several days ago I had written to Dr. Einstein, protesting against the suspicions as expressed in his letter to Dr. Wolfe. Thereupon I received a letter from Dr. Einstein which settles the conflict at least for the time being.

He wishes his discussions and his correspondence with me to be kept discreet. Dr. Einstein assures me that he did not set any disadvantageous rumors into the world. He does not refute my statement that he has affirmed my findings of the temperature difference phenomenon on the orgone accumulator, and he assures me also that he keeps my communications confidential. Therefore, I think we should comply with his wishes, at least for the time being. In case emotionally pestilent people should try again to misuse his name against me, we shall have to face the problem once more. I would ask you to keep the conflict between me and Einstein a secret.

Sincerely yours,

(signed) Wilhelm Reich



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E-30

NOTE: This letter was found and inserted after the list of all documents was printed, and it is therefore not included in the list.

WILHELM REICH, M. D.
99-05 STAFFORD AVENUE
FOREST HILLS, NEW YORK
—
BOULEVARD 2-5997

ARCHIVES
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INSTITUTE

E-30a

den 25. Februar 1944

Lieber Dr. Wolfe:

Ich erhielt heute von Einstein einen Brief folgenden Inhalts:

"Sehr geehrter Dr. Reich:

Sie tun mir sehr unrecht, indem Sie behaupten, dass ich nachteilige Ansichten über Ihre Bestrebung in Umlauf gesetzt hätte. Ich habe Ihren letzten Brief nicht beantwortet, da ich mir so gut ich konnte ein Urteil gebildet hatte und nicht in der Lage bin, mehr Zeit darauf zu verwenden. Ich muss auch Sie bitten, meine mündlichen und schriftlichen Äusserungen discret zu behandeln, was auch ich mit den Ihrigen stets getan habe.

Mit ausgezeichnetster Hochachtung

Albert Einstein "

Dies erledigt die Angelegenheit für uns vorläufig in günstiger Weise. Da Einstein ausdrücklich verspricht, meine Mitteilungen an ihn discret zu behandeln, da er meine ausdrückliche Behauptung, dass er das Temperatur-Differenz-Phänomen bestätigt hat, nicht zurückweist (was einer Zustimmung gleichkommt), da er ferner mir versichert, dass er keine nachteiligen Ansichten über unsere Arbeit in die Welt gesetzt hat, glaube ich, dass wir seinen Wunsch, dass seine Diskussionen und schriftlichen Mitteilungen an mich diskret behandelt werden, respektieren sollen. Damit ist natürlich nicht ausgeschlossen, dass wieder einmal früher oder später ein Pestmaul versuchen wird, Einsteins Namen gegen uns zu missbrauchen, wie es Dr. Edith Jacobsohn getan hat. Wir werden dann das Problem aufs Neue zu bewältigen haben. Jedenfalls ist die Sache jetzt geklärt, wir wissen, wie Einstein wirklich denkt. Ich bitte Sie, den Konflikt zwischen Einstein und mir absolut diskret zu behandeln. Wir werden also vorläufig nichts über Einstein publizieren.

Ich bitte Sie mich zu verständigen, sollten Sie zu dieser Sache eine widersprechende Meinung oder ein Empfinden von Zweifel haben.

Herzlichst

Ihr



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E-31

March 2, 1944

My dear Neill:

In the meantime something has happened in the Einstein affaire which I wish to tell you. I would appreciate it if you would keep this whole affair as secretly as possible.

Just after I had written you the essential facts of my meeting with Einstein, I was visited by a German psychoanalyst who came to this country as a refugee. This physician told me the following story. He had visited another German psychoanalyst, Dr. Edith Jacobsohn, who, incidentally was a student in my Berlin seminar and later a kind of co-worker who could not follow my way and out of bad conscience became inimical to my work. This Dr. Jacobsohn spread the rumor that Einstein had been unable to confirm my findings, i.e., she put a rumor into the world which was exactly contrary to the truth, because, as you know, Einstein had confirmed the temperature difference phenomenon, his assistant had given a misinterpretation for it, and I had, in February 1941, proven experimentally that this explanation was wrong and that my explanation was correct.

Now the next issue of our Journal will publish, after more than 3 years, the basic findings concerning heat and electroscopic measurements of the Orgone. In this connection, Wolfe and I did not quite know how to handle Einstein's attitude which we did not understand, just as you did and do not understand it. Wolfe had the idea to publish excerpts from my letter to you in which I presented the factual happenings of my meeting with Einstein. But I thought it correct to have Einstein informed about this publication. Wolfe wrote a letter to Einstein, telling him that we had never understood why he had not answered my experimental refutation of his assistant's misinterpretation of the main fact, that rumors are being circulated contrary to the truth, and that, accordingly, we are forced to publish the true facts. Einstein answered in a letter to Wolfe in a rather unpleasant manner which clearly showed that he acted out of bad conscience. He forbade any publication of such facts out of his letter and of our discussions; he threatened to take steps to prevent "misuse of his name for advertising purposes". We did not understand this reaction either. Why did he become nasty, and why did he object to the publication of the fact that the rumor was the exact opposite of the fact that he had confirmed the phenomenon? His letter was so nasty that I saw myself forced to refute his behavior which was an insult. I wrote him that I protest against his insult of a co-worker of mine. I reminded him of the fact that in his letter he had confirmed the existence of the temperature difference, that he insulted me 3 years ago by not answering my letter, and that, in addition to that, he now suspects us of being Geschäftemacher, whereas I had told him and we have documentary proof that our research is not a business undertaking but, on the contrary, our work costs tremendous sums out of our own pockets.

-2-

Three days later I received a letter from Einstein in which he seemed to have realized the injustice. But again he asked me to keep his letter to me a secret. He added that he had handled my communications secretly too. The question of his attitude itself remains still a riddle. We still don't know what to do. It is obvious that the orgone research is far more important than personal considerations. We don't need his confirmation, of course. The matter confirms itself and makes its way, but that has to be distinguished from Einstein's name standing in the way of the orgone research, in that rumors to the contrary of the truth are spread by our enemies. The riddle is the greater in that I have actually discovered what Einstein's theory of the gravitation field postulates on the basis of mathematical calculations. I cannot imagine that Einstein should be afraid that the mistake he made in the control experiment, namely not to measure the temperature difference in the open air without a ceiling and without a tabletop, should become known. In his place, I would be glad that the basic cosmic energy has been discovered, and I would admit that I was so amazed by the fact that a simple box with metal inside and organic material outside should create heat, that I was so curious about this mysterious phenomenon, that I took the box apart, instead of finding out whether it creates heat also when buried in the ground in the open air.

These are the facts so far. I have not yet answered Einstein's letter. It is very difficult to meet with the situation. But since he asked me to keep the matter a secret, I feel that it would be correct to grant him this, if there are no acute reasons to act differently. But this matter, no doubt, will have its repercussions later. I would like to have your opinion on it, and I would ask you very much not to let this matter penetrate to the public, in spite of the fact that it would be to our advantage if it would become public. Wolfe believes that I am wrong in this attitude, that the orgone research comes first. But I wish to wait until I have understood Einstein's motives.

In the New York Times of February 2nd, 1944, there was an information that Einstein is going to publish in a short time a paper about the common factor in nature. Well, Einstein knows, and I told him so, that this factor has been discovered several years ago. Do you think I should wait until this publication appears to see what he says, or should I do something to secure the fact that I have told him about my discovery more than 3 years before his publication. If matters would run the natural, rational course, Einstein would have to mention the discovery of the orgone in his publication. But matters don't seem to run their natural, rational course. Well, here I am, having the truth in my hands, whereas Einstein has the mathematical formula, and power, more than I have. The situation is cursed. I would appreciate any good idea of yours in this matter if you care to help. Though you may be rather busy with your own affairs, I may suggest that the discovery of the orgone has closer connections with education than for the moment with mathematics. So tell

us whether we shall publish or not in spite of Einstein's objection.

We are still waiting for the paper which you promised for the Journal. We do not quite understand why you don't make use of this Journal of ours most extensively to the benefit of your own good work. I am enjoying myself again and again whenever I happen to read in your books.

Please let us know whether you received the September issue of the Journal and let me have your opinion about the 2 bio-sociological articles. Furthermore, I would like to know whether you have started to use the orgone accumulator, whether you were able to construct it with an additional layer, and how you are reacting to it.


With my best wishes to you and all,

Ever yours,

Wilhelm Reich

ARCHIVES

of the
ORGONE E-32
INSTITUTE
den 5. März 1944

Nicht abgeben 

Sehr geehrter Professor Einstein:

Ich habe Dr. Wolfe gebeten, die beabsichtigte Publikation der Resultate unserer Begegnung vorläufig nicht vorzunehmen. Ich muss leider sagen, dass Ihr letztes Schreiben an mich vom 24. Februar 1944 das Rätsel der Sache noch immer nicht löste. Es ist noch immer nicht begreiflich, weshalb Sie meinen so ersten Brief vom 20. Februar 1941 nicht beantworteten. Wenn Sie mir damals geschrieben hätten, dass Sie keine Zeit für die Sache mehr haben (was ich ja übrigens selbst in meinem Schreiben an Sie als Möglichkeit hinstellte), dann hätte ich die Fragen der interessierten Welt wahrheitsgetreu beantworten können. Ich hätte auf jede Anfrage, ob Sie von der Entdeckung des Orgons wissen und was Sie dazu sagen, erklären können, dass Sie zu beschäftigt sind, um sich mit der Sache zu befassen. Die Nichtbeantwortung meines Schreibens hat nun die peinliche Situation geschaffen, die heute existiert. Ich persönlich würde mich mit der Sache abfinden, da mir weder an offiziellen Bestätigungen meiner Funde noch an Publizität liegt. Ich stehe aber leider nicht allein im Lichte der Öffentlichkeit; eine Reihe verantwortlicher und hervorragender wissenschaftlicher ~~Mit~~ Arbeiter haben vom Standpunkt ihrer Facharbeit an der Entdeckung des Orgons brennendes Interesse. Sie sind nicht in demselben Masse bereit Rücksicht zu üben, wie ich. So finde ich mich im Konflikt zwischen der Rücksicht auf Ihren Wunsch, das Material unserer Begegnung diskret zu behandeln, und der anderen Rücksicht, die Existenz einer universellen kosmischen Energie, von mir Orgon genannt, zur Anerkennung zu bringen.

Ich ging im Jahre 1941 zu Ihnen, eben aus dem Grunde, weil ich wusste, dass ich eine grundsätzliche kosmische Energieform entdeckt hatte, die, wie ich Ihnen schrieb, von elektromagnetischer Energie verschieden ist. Ich ahnte schon damals und bin seither in der Annahme bestärkt worden, dass die von mir entdeckte kosmische Energie (das "Orgon"), das von Ihrer Theorie mathematisch geforderte "Gravitationsfeld" bestätigt. Ja mehr, dass diese Energie die Riesenlücke auszufüllen geeignet ist, die früher durch die Hypothese eines unzersehbaren Äthers in unzureichender Weise ausgefüllt wurde. Hier verfüge ich über eine Reihe handfester Tatsachen.

Diesen Tatbestand muss ich, wie die Sache nun einmal liegt, dokumentarisch gestalten. Ich kann vorläufig nichts anderes tun als warten, bis es mir gelingt, Ihr Verhalten zu begreifen.

Ich habe nicht behauptet, dass Sie die nachteiligen Gerüchte über meine Arbeit in Umlauf gesetzt hätten; ich habe nur behauptet, dass Feinde der Orgonforschung Ihre Autorität in gemeinsamer Weise missbrauchen.

Wilhelm Reich

Translation IOR

ARCHIVES
of the
ORGONE
INSTITUTE
Letter not forwarded

E-32a

March 3, 1944

NS.

Dear Professor Einstein:

I have asked Dr. Wolfe not to publish the results of our meeting for the time being. I regret to say that your last letter to me, on February 24th, did not solve the riddle of this affair. It is still not understandable why you did not answer my very sincere letter of February 20th, 1941. If you would have written to me, at that time, that you could not spend any more time on this matter (a possibility, which I mentioned myself, in this letter to you), I would have been in a position to answer truthfully questions asked by people interested in the work. I would have been able to answer any questions as to whether you have been informed about the discovery of the Orgone and what your opinion is in that matter, by explaining that you are too busy to go into this matter. But, by not answering the letter, you have created the unpleasant situation as it exists today. I, personally, would let the matter go as it is, as I have no interest in official confirmations of my findings or in publicity. But unfortunately, I am not alone in the eyes of the public; a number of responsible and outstanding scientific workers have the most ardent interest in the discovery of the orgone from the standpoint of their special field of work. They are not willing to be as considerate as I am. Thus, I find myself in a conflict between the consideration with regard to your wish to keep the material of our meetings discrete, and the other consideration, to have the existence of a universal cosmic energy, which I called orgone, generally accepted.

The reason why I came to you in 1941 was that I knew I had discovered a basic cosmic form of energy which, as I wrote you, is different from electro-magnetic energy. Even at that time I had the suspicion, which since has become very much stronger, that this cosmic energy, the "Orgone" which I discovered, confirms the "gravitation field" which is claimed mathematically by your theory. Even more, that this energy will be able to fill the immense gap which has been filled heretofore insufficiently by the hypothesis of a universal ether. I dispose of a number of tangible facts in this connection.

As the matter stands today, I have to put down these facts in a document. For the time being I can do nothing else but wait until I shall be able to understand why you are acting this way.

I did not maintain that you have started rumors detrimental to my work; I did only maintain that enemies of the orgone research are misusing your authority in a malicious manner.

Wilhelm Reich
(signed) Wilhelm Reich

March 15, 1944

ARCHIVES
of the
ORGONE
INSTITUTE

E-33

Dear Mr. Obermayer,

You find enclosed in this letter two (2) registered letters - Nos. D A 533329 and D B 531042. They contain two scientific documents of the utmost importance, legalized in the office of the lawyer, John P. Chandler, on March 14, 1944.

Please keep these documents somewhere among your precious things. You can open the letters, read them and enclose and seal them again with sealing wax. I honestly hope that it will never be necessary to use the publication of these letters in connection with this, still ununderstandable, attitude of Einstein. But I had to take all precautions. I hope that I was wrong. You may receive, sooner or later, a letter urging you to make the contents of my registered letters public.

I wonder whether there is an official library or a similar institution in Palestine where these sealed documents could be deposited. I would appreciate it, and would be very thankful if you would find out and let me know. I would like to emphasize again that these documents are of decisive importance for the further development of natural science.

The same documents have been deposited in several other places.

Thanking you, and awaiting a reply,

Sincerely yours,

Wilhelm Reich

E-34

Undated Das Rätsel

Das Verhalten Einsteins blieb bis heute ein Rätsel. Weshalb hatte er nicht geantwortet? Weshalb hatte er sein gegebenes Versprechen gebrochen? Es gabe viele Meinungen darüber in unserem Kreise. Es wäre, möglich, so glaubten die einen, dass er die ganze Orgonsache für einen Humbug hielt. Dem widersprach sein Verständnis in unserer Unterhaltung. Andere meinten, er wäre von bestimmten industriellen Interessen beeinflusst, die eine Bestätigung der Entdeckung des Orgons durch Einstein nicht wünschten. Dem widersprach, dass ein Einstein es nicht nötig hatte, sich solchen Interessen zu beugen.

Für mich waren zwei andere Möglichkeiten wahrscheinlicher. Einstein verstand, wie er ja auch selbst in seinen Briefe andeutete, das Orgon nicht. Es widersprach streng verwurzelten physikalischen Grundanschauungen. Und er wollte sich nicht exponieren, sondern hielt Abwarten für besser. Die andere Deutung schien brutaler, aber der Wahrheit näher. Demzufolge hätte Einstein voll begriffen, dass der Äther endlich praktisch fassbar entdeckt worden war. Man hatte aber Einstein seine gesamte Theorie der Relativität auf der Annahme aufgebaut, dass der Äther überhaupt nicht existiere, und dass seine Existenz auch gar nicht notwendig sei, um kosmische Probleme zu lösen. Denn sie könnten rein mathematisch gelöst werden, was ja durch die Bestätigung seiner Theorien in der Beobachtung gestützt war. Es war menschlich und wissenschaftlich begreiflich, dass sich Einstein nicht am Sturz seiner Lebensarbeit beteiligen wollte, obgleich strenge naturwissenschaftliche Objektivität dies gefordert hatte. Die Existenz eines realen Äthers brauchte noch immer Einsteins Naturbild nicht zu stören. Nur dann, wenn es gänge aus den Eigenschaften des entdeckten Äthers eine neue Kosmogonie ableiten, wäre Einsteins Theorie erschüttert, weil unnötig geworden.

Ich weiss nicht, ob alle diese Überlegungen korrekt oder unrichtig sind. Einstein hatte die Konfusion dadurch selbst verschuldet, dass er sich auf so unschöne Weise aus der Affäre gezogen hatte. Doch diese 'Affäre' war zwingend und klar. Es ist möglich, dass Einstein den Umfang seiner Entdeckung und ihre Konsequenzen unterschätzt hat. Kurs, ich kann nur Vermutungen aufstellen, aber nichts sicher behaupten. Mit den folgenden Jahren neigte ich immer mehr zur Ansicht, dass sich in dieser Begegnung am 8. Januar 1941 zwei einander streng feindliche Welten getroffen hatten: Mechanistische A und Funktionelle Astrophysik, die erste ein Riesentier, mit unendlich vielen Kampf- und Machtmitteln, die zweite ein unfertiges Baby, das kaum aus dem Mutterleib gekrochen war. Das neugeborene Baby hielt in der einen Faust die Tatsache: Kosmische Energie und in der anderen die Tatsache: "Empfindende Materie" fest. Dies genügt, um auch dem mutigsten Manne Angst einzujagen.

✓ Ich weiß nicht über meine Behauptung im Brief an Neel zum Glück, denn ich meine, daß die Sache mit dem Äther ein Rätsel ist.

16.7

15.2

(Article from THE NEW YORK TIMES, March 17, 1950)

E-35

SCIENTIST'S LEAVE STUDIED

Einstein Ex-Associate Seeks to Teach Again in Poland

Ottawa, March 16--Opposition leader George Drew in the House of Commons this afternoon raised the question of the propriety of permitting Dr. Leopold Infeld, a former associate of Dr. Albert Einstein and at present a teacher of mathematics at the University of Toronto, to return to Warsaw to organize certain educational programs in cooperation with the Communist Government of Poland.

Mr. Drew said that Mr. Infeld, who had been given hospitality as a refugee in Canada and the United States, had gained considerable knowledge of the latest discoveries in the atomic field.

He had several times stated that he would return to Europe if and when a "progressive government was established in Poland," and he returned there last summer and taught in the Universities of Warsaw and Cracow, Mr. Drew said. Now, Mr. Drew added, he had applied for a sabbatical year during which he would receive half pay from Toronto University in order to permit him to work at educational organization under the Polish Government.

The Answer to the great Einstein Riddle

This news report explained
with one stroke in 1950
what had been a riddle to
me since I met with
Einstein's peculiar behavior
after his initial enthusiasm:
Madia had done a job
once more

Oct. 13, 1952 Will du Peak

NOTE:
WR ON EINSTEIN

ARCHIVES
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ORGONE
INSTITUTE E-36

Einstein succeeded in fascinating the first half of the twentieth century just because he had emptied space. Emptying space, by reducing the whole universe to a static nothing, was the only theory that could satisfy the desert-like character structure of man of this age. Empty, immobile space and a desert character structure fit well together. It was a last attempt on the part of armored man to withstand and withhold knowledge of a universe full of life energy, pulsating in many rhythms, always in a state of development and change; in one word, functional and not mechanistic, mystical or relativistic. It was the last barrier, in scientific terms to the final break-down of the human armoring.

(Typed from shorthand notes taken 12/22/62 by
Lois Myvell. *Haislergrett*)

SCIENTIST'S LEAVE STUDIED

Einstein Ex-Associate Seeks to
Teach Again in Poland

Special to THE NEW YORK TIMES.

OTTAWA, March 18—Opposition leader George Drew in the House of Commons this afternoon raised the question of the propriety of permitting Dr. Leopold Infeld, a former associate of Dr. Albert Einstein and at present a teacher of mathematics at the University of Toronto, to return to Warsaw to organize certain educational programs in cooperation with the Communist Government of Poland.

Mr. Drew said that Mr. Infeld, who had been given hospitality as a refugee in Canada and the United States, had gained considerable knowledge of the latest discoveries in the atomic field.

He had several times stated that he would return to Europe if and when a "progressive government" was established in Poland, and he returned there last summer and taught in the Universities of Warsaw and Cracow, Mr. Drew said. Now, Mr. Drew added, he had applied for a sabbatical year during which he would receive half pay from Toronto University in order to permit him to work at educational organization under the Polish Government.

*Cream; in Stoughton, Wis.
Time Jan 26, 1968*

Died. Leopold Infeld, 69, Polish theoretical physicist; of a heart ailment; in Warsaw. At Princeton during the 1930s, Infeld helped his friend Albert Einstein develop the general theory of relativity; with Einstein he also shared the work of writing *The Evolution of Physics*, a 1938 text so fascinating to laymen that it hit the bestseller lists. At the University of Toronto, Infeld did pioneer work on the unified-field theory of magnetism and gravitation; then, in 1950, he suddenly returned home to teach—and proved something of a problem to the Communists, often criticizing Warsaw's scientific censorship.

Copy - NS

2-14-69

Dear Miss Higgins:

If you ever reprint the Einstein Affair here are a few points:

On the last page after E-36

I have two clippings glued in

"Scientist's leave studied. Einstein Ex Associate seeks to teach again in Poland". (this is a photostat put in by WR after the booklet was already published. Therefor not every one of the copies has this clipping added. Specially the newspaper isnt identified ner the year. Also this does not appear in table of events, which ends which E-36.

Then I myself added a clipping, which I think could go in there from Time January 26, 1968 Died: Leopold Infeld * 69, Polish theoretical physicist, of a heart ailment, in Warsaw. At Princeton during the 1930s Infeld helped his friend Albert Einstein develop the general theory of relativity; with Einstein he also shared the work of writing The Evolution of Physics, a 1938 text so fascinating to laymen that it hit the bestseller lists. At the University of Toronto, Infeld did pioneer work on the unified field theory of magnetism and gravitation; then in 1950 he suddenly returned home to teach - and proved something of a problem to the Communists, often criticizing Warsaw's scientific censorship."

Red Sympathisers

(To me the last phrase, if true is typical of what happens to idealists when they actually live under Red Fascism...)

Also:

~~THE~~ E-6 the german copy has a note in WRs handwriting as a postscript which is LACKING in the translation on next page and which is important

As I read it: I II 1941 bei Einstein
February first 1941 at Einstein's
1.2°C und nach Austausch des Thermometers 0.9°C Differenz
1.2° C and after exchange of thermometer 0.9° C Differenz *le*

(the next line illegible, but I make out

" m. (?) Org- Therm 1 (m?) Kontr versuchen ?????
With Org-Thermometer in the Kontrol experiment ???? *initial*

In other words only in an illegible WR german footnote is the fact of their meeting Feb 1 and the fact of confirmation of temp. difference documented *(initial)*

After that Einstein turned color as it were, and the comments before he turned around are crucial.

not sent

I am aware that my opinion in all this doesnt count, as "extrustee", but it dawned on me that one countermove to Baker + Ilse Ollenderffs trash is to bring out the copies of Contact with Space which WR had printed in 1957 immediately.

After the Condon report and some ~~six~~ old business of "Airforce had scientists investigate and they dont exist because nothing in our present scientific technological development allows such a phenomenon possible" interest is at a great height.

Times have changed. Everyone is space conscious. Many have seen UFOs themselves, the various books on matter are sold by paperback companies

I have a clipping from Christian Science Monitor, that after the negative report 50 scientists have joined in a recommendation to congress that ~~XXXXXXXXXX~~ Congress investigate the matter...

I think this will soon happen, just from the ridiculousness in which official science is held, ~~sxk~~ its becoming obvious to average people that whether they are denied or not Ufos exist, whatever they may be.

So, my instinct is: The book is ready, put it on the market NOW.

More copies can be printed if demand exists.

Please let me know your opinion. I am amazed to find how many technical people, sincerely are interested in UFO problem, examples: Mr. Syague, Director of the Eastern Maine Vocational Technical Institute in Bangor Maine, a Mr. Davis, Instructor in Astronomy course at Colby College, ... Bertram Magnus, who has "County Communications" Radioservice, also Civilian Defense communications of the county here, ~~XXX~~ (In other words whoever I have a chance to have any kind of "Science-chat" with that isnt a Theoretical Physicist of Meteorologist)

There is a feeling there that things are in flux, we dont know all the laws in universe,

What we have to show publicly is that there WAS the embryo of a new technology ~~sxk~~ based on new basic scientific principle the actual demonstration of the "Ether" (I prefer to call it that because that concept was universally held till about 50 years ago) and if you state WR was working with Ether functions it connects up with something in the brains ...

That it isnt true that "no science and technology known on earth explains the UFO phenomena"...

I feel urgency about the matter, this is instinct, and I cant justify it rationally, except to say this time the time is ripe.

Eva
yours Eva

Mr. Ronald W. Clark
10 Campden Street
Kensington
London, W.8., England

2-15-1969

Dear Sir:

This is in response to your note

"Einstein Memorabilia"
SCIENCE, Vol. 162, 15 November 1968

In writing a true biography for future students of Albert Einstein
You should mention his contact with my father, Wilhelm Reich, M.D.

You find the story documented in the following reference

Wilhelm Reich
Biographical Material
History of the Discovery of the Life Energy
American Period 1939 - 1952
Documentary Volume A-XI-E
The Einstein Affair
1953, Orgone Institute Press (now defunct)
Orgenon, Rangelay, Maine, USA

A copy of this was deposited with the Library of Congress, Washington
D.C. at the time of publication.

You ~~may~~^{might} be able to have access to the original documents through the
present Trustee of the Wilhelm Reich Infant Trust Fund, if you
request this privilege from

Mary B. Higgins
382 Burns Street
Forest Hills NY, New York, USA
11375

With my best wishes and prayer for your endeavor,

Sincerely

Eva Reich Moise
Eva Reich Moise (M.D.)
Hancock, Maine
USA 04840

The Einstein Affair p.1

Some points to be annotated when "Einstein Affair" is reprinted:
On the last page after E-36 two clippings are glued in
"Scientist's leave studied. (New York Times , March 16 YEAR?
probably around 1950?) Einstein Ex Associate Seeks to teach again
in Poland." This photostat was glued in by WR in some copies
after the booklet was already published. This is not listed
in Table of Events which ends with E-36. Give it E-37
I found the following clipping, which I think could be added
to round out story: Running Number E-38

Time January 26, 1968

Diag Leopold Infeld, 69, Polish theoretical physicist; of a
heart ailment; in Warsaw. At Princeton during the 1930s, Infeld
helped his friend Albert Einstein develop the general theory
of relativity; with Einstein he also shared the work for writing
The Evolution of Physics, a 1938 text so fascinating to laymen
that it hit the bestseller lists. At the University of Toronto
, Infeld did pioneer work on the unified field theory of magnetism
and gravitation; then, in 1950, he suddenly returned home to teach
and proved something of a problem to the Communists, often
criticizing Warsaw's scientific censorship.

(Would WR have commented that this typically happens
to Red Sympathisers when they actually live under Red Fascist rule.

The following further points were picked up by Eva on closer
study of the German manuscript :

E-4

The german copy has a note in WRs handwriting as a postscript which is ~~looking~~ ^{in the translation} ~~unintelligible~~ on next page and which is important

As I decypher it: 1 II 1941 bei Einstein

(February first 1941 at Einstein's)

1.2° C und nach Austausch des Thermometers 0.9° C
Differenz

(1.2° C and after exchange of the thermometer 0.9° C difference)

(The next line illegible , but I make out)

"m. (?) Org-Therm 1(mf) Kontr versuchen (???????)

(Tr.: With)rg= Thermometer in the Control Experiment (?????)

In other words only in an illegible WR german footnote handwritten is the fact of their meeting February 1 and the fact of initial confirmation of temperature difference documented.

After that Einstein turned color as it were, and the comments before he turned around are crucial.

E-10a

WR handwriting in English " English translation from the German by Th.P. Wolfe".

page 4 " The appended diagrams of Experiment No. 2 illustrate the set-up as well as the result."

(If diagram is not found one could give reference to page 102

"The Cancer Biopathy" figure 9 . Measurement of $T_0 - T$ in the open air.)

(Should not the original German manuscript of this article be shown on the left side, with English on the right?)

On page 14... "...1 - 5 size..." (missing is ^{metric unit} ~~size~~)
p. 21 " ~~Structure was no longer dissolved~~ should read ~~dissolved~~ ^{dissolved}

p. 23 "size of about 0.25 " add metric size designation

~~2-12~~

Find in archives "Curves for point 4" are not included
(~~"Die heiligendsten Kurven"~~)

Translation should be included:

Title etc

September 23, 1941

Dear Professor Einstein:

During the summer months I utilised the relatively dry climate of Maine experimentally. I made daily and hourly outdoor measurements of the speed of the electroscopic discharge from 5th July to 20th August between 8 A.M. and 12 o'clock midnight. The results of these measurements confirmed my suspicion that atmospheric Orgone Energy is not identical with ion-electricity.
(Ionen - Elektrizität)

1. The discharge of the electroscopes (which was in contact with the air) oscillated considerably in more or less regular fashion in the course of a day, entirely independent of the wind or humidity content of the air. The discharges occurred most rapidly in the early morning and late in the evening. The discharge rate decreases in a regular curve until about 3-5 o'clock in the afternoon, and from then on increases again. Obviously the rate is connected with solar radiation. The rate increases with low concentrations and falls with high concentrations of atmospheric energy. If the speed of the electroscopic discharge were a measure of the ionisation of air due to solar radiation reflection then logically the discharge should occur more slowly mornings and evenings than during the noon hours. But just the opposite is the case. ²Before strong and enduring rainfalls a sudden decline of the discharge rate occurs. That is, the discharge occurs very rapidly; the atmospheric energy tension is very low for the duration of the rains; with the onset of fair weather it

El3 continued translation

climbs again.

3. Cloudformation is indicated by an acceleration of the electroscopic discharge. It is as if cloudformation proceeded not only through a withdrawal of atmospheric organ energy from the region above the earth's surface, but also as if the formed cloudformation acted like a screen against the sun's organetic radiation. Changeable weather, alternating between sunny and cloudy conditions on one and the same day, is expressed by a correspondingly alternating curve of the electroscopic discharge rate.

4. Simultaneously with the outbreak of heightened sunspot activity on July 5th, the concentration of atmospheric energy fell to a fraction of its (previous) average value; therefore, the electroscopic discharge more rapidly, yet the daily variations retained their more or less marked regularity, even though at a lower level. The enclosed curves demonstrate what I have just discussed.

(Note to Editor: Add the curves, they don't appear with the letter in print)

I thought it necessary to communicate these additions to my report of February.

I make the following proposal towards the management of the whole matter. In February of 1941 I applied to Washington in order to patent the organoscope and Orgone-accumulator. I received the serial number, and have until 15 December to demonstrate the subject to the patent-examiner from Washington in my laboratory.

(Note correlation with December 1941 arrest of WR and detention at Ellis Island, unexplained motivation). I had to initiate the whole procedure in order to secure the experimental work

E 13 std.

financially and to protect it from exploitation by
(industries?)
unscrupulous businesses. I would be glad if the whole patent
application were to become unnecessary, for I myself am neither
inclined nor suited to become an entrepreneur, while I would
like to give away the matter (discovery) freely, I must
not neglect the steep financial expenses this work demands.
Such financial support through official places (stellen)
would be the solution and would save all participants
the unpleasant patent proceedings. On the solution of this probl.
also depends whether and when I will publish the total exposition
of the facts. If a patent were accepted this, according to the
patent lawyer, would prohibit extensive publication, which
does not please me at all. I therefore am delaying further
decision in the matter and the publication of the manuscript
written in the meanwhile, until I have your answer, how the
matter stands.

Meanwhile the current therapeutic experiments with human
cancer patients which had started in March, are growing in
extent, and give partly surprising partly gratifying, but
otherwise also results, which bring forth ever more clearly
the whole complicated nature of the problem, and the required
means for aid.

Expecting your communication in the near future, with
cordial greetings, yours

WR

p. 6

Einstein Affair

Enc should be listed as EN in table contents, and translation added

February 6, 1941

Encl. Translated

Dear Professor Einstein :

Not Sent (N S)

I have here carried out a "Control" of the Control thermometer.

I used two control thermometers and surrounded the Mercury Bulb (tip) of one with various materials. The thermometers were exchanged several times. It appears that both control thermometers indicated the same temperature, as long as I adhered to the rule not to hang them in the vicinity of a wall, but to hang them at a distance of at least 1 meter from the wall. When surrounded by a cotton pad, copper, rubber or glass the resulting temperature shows either no difference or a negligible ($0.05^{\circ} C$) one. The large temperature difference of $0, 5^{\circ} C$ to $2^{\circ} C$ occurs, according to my observations to date only, if one creates an enclosed metallic space and measures above the apparatus.

The temperature difference is uniform and greater if one surrounds the closed metallic enclosure with organic material, and if one delineates the space in which the org temperature is being measured against the rest of the air.

I proceeded several days ago according to your advice with systematic experiments to photograph the radiation. I already have several positive results. I will send you the material, as soon as I succeed satisfactorily at demonstrating the radiation photographically.

May I request you again not to stay longer than one hour in the room in which the apparatus is, and to air out the lungs for several minutes with fresh air afterwards.

With cordial greetings yours,

ER

p. 7

Einstein Affair

E-9

At end of letter a comment in WR's handwriting:

"Weshalb nahm er nicht einfach den Ascu ins Freie wo es keinen
Plafond gibt? Er hätte dann eine höhere Temp Diff."
Gewissen ~~ist~~ Daß! (Dunn)

Translation: "Why did he not simply take the Ascu (mulator)
outdoors where there is no ceiling?"

He would then have measured a higher temperature difference.

(Stupid. Probably WR did not want this comment published.

But I believe the thought before is important)

Also note that the last paragraph of the German letter E-9 was
not translated. WR used a bracket to indicate how far the
translation should go.

E-9a add:

"I hope that this will develop your scepticism, so that you
do not allow yourself to be deceived by an understandable
illusion. I ask you that you have the instrument picked up again
at your convenience, which after all is of some value. It has
not been damaged.

With friendly regards

Yours

(signed) A. Einstein.

NOTE the american spelling is ~~Ether~~ the British ~~Aether~~
Translation of E-34 Undated

THE RIDDLE

The behaviour of Einstein has remained a riddle until today. Why did he not answer? Why did he break the promise he had given? There existed many opinions about this among us. Some thought it was possible that he believed the whole Orgone matter to be Humbug (nonsense). This is contradicted by his comprehension during our conversation. Others believed that he was influenced by certain industrial interests who wished that Einstein would not confirm the discovery of the Orgone.

* As for myself two other possibilities seemed more probable. Einstein did not understand the Orgon, as he indicated himself in his letter. It contradicted rigidly anchored basic physical points of view. He did not want to expose himself, but thought it better to wait. The other interpretation seems more brutal, but closer to the truth. According to this Einstein understood completely (fully), that the Ether had been finally discovered in a practical demonstrable manner.

Now Einstein had built his whole theory of Relativity upon the assumption that the Ether does not exist, and that its existance is not even necessary, in order to solve cosmic problems. For these may be solved purely by mathematics, as had been confirmed affirmatively when his theories were supported by observation (Translated meaning ???)

One could understand, from both human and scientific viewpoints that Einstein did not want to take part in the overthrow of his life's work, even though strict natural scientific objectivity would have required it. The existence of a real ether did not

H-34 continued

ever have to disturb Einstein's concept of nature. Only if one succeeded to derive a new cosmogony from the properties of the newly discovered ether, was Einstein's theory shaken having become superfluous.

(Marginal note in German, WR handwriting:

"Ich musste also meine Behauptung im Brief an Heill zurück nehmen demzufolge (?) meine Entdeckung Einstein's Feld Theorie stützt."

Translated: "Thus I had to take back my assertions in the letter to Heill subsequently since my discovery supported Einstein's Field Theory."

I do not know whether these reflections are correct or incorrect. Einstein himself caused the confusion, by withdrawing from this affair in such an ungracious manner. But the "affair" was compelling and clear. It is possible Einstein underestimated the extent and consequences of my discovery. In brief, I can only advance conjectures, but no certainties. In the later years

I leaned increasingly towards the view that in this meeting of January 8 1941 two strictly inimical worlds had met: Mechanistic and functional Astrophysics. The first one a giant animal, with unlimited resources for battles and power, the second an unfinished baby, which had barely emerged from the mother's body. The newborn baby held in the one fist the fact "Cosmic Energy" and in the other the fact "Perceiving matter". This is enough to strike the most courageous man with terror. (awe)

E-35

In WR handwriting:

The Answer to the great Einstein Riddle

This news report explained with one stroke in 1950 what had been a riddle to me since I met with Einstein's peculiar behaviour after his initial ¹enthusiasm #

Modju had done a job once more

(Editor : identify "Modju" and give a definition)

E-26

In margin, WR handwriting?

Fehler gemacht

Lokomotive läuft nicht an seidernden Rauch ?

Made a mistake : A Steam engine doesn't run when the water just begins to ~~boil~~ ^{boil} ~~boil~~ ^{boil}

3. WR Handwriting (difficult to decypher):

Ungewollt fiel Einstein die Rolle der Vertretung der (unorganischen ?) Physik, zu mir, und mir die Rolle der Vertreter der Organbiophysik. Der Kampf wird hart und tödlich gefährlich sein: Einstein verfügt über den blinden Glauben der Masse (?), das nicht formulieren (?) konnte, ~~was~~ weshalb er falsch geworden ist. Er hat oder konnte zur ~~Vertrag?~~ ^{Vertrag?} holen alle Interessen die das Organ nicht wollen. Fürs ~~A.V.R.~~ ^{A.V.R.} könnte, aus schlechtem gewissen handelnd ?, siegen, trotz der Wahrheit auf meiner Seite. Er hat die Macht, ~~was nicht.~~ ^{wir haben die Wahrheit} Wir stehen selbst in Unsicherheiten, er baut auf reiche Mittel und Sicherheiten.

Er hat die Masse der Physiker, ~~wir nicht~~ ^{wir nicht}

~~Page~~ continued

Margin note: Psychiatry
Technik der Hochan Struktur (???)

9. Es wäre zu versuchen den Konflikt durch eine
persönliche Aussprache ^{✓6R} bei der Welt zu (lösen ?)
reinen ?

10. Möglichkeiten

- a) Publizieren + meinen Brief an Einstein
- b) Jetzt Klein Publikation nicht durchführen, vorbereiten
Gesamtpublikation.
- c) Versuch einer persönlichen Aussprache

11. Grundlage aller Aktionen:

Einstein's Welt versteht nicht von Sexologie (?) und Organismus
Wir verstehen nicht viel von der üblichen (?) Physik
Nur einfache Tatsachen geben (gelten?)

12. Einsteins mögliche Motive seines unanständigen Benehmens

- a) Er kam nicht auf die Idee im Freien zu messen. Blamage (?)
- b) Er ist durch General Electric gebunden.
- c) Er fürchtet um seine Mathematische Theorie des Aether's ,
der nun entdeckt ist.

Er scheint gewillt seine Macht gegen unsere ^a Wahrheit ausü.
(ausüben, ausnützen ??).

Antwort Brief an ihn:

- a) Wir vernichten gern auf seine Bestätigung
- b) Wir werden alle notwendigen ~~KARTELL~~ Schritte (?)
unternehmen, ihm nicht beachten.
- c) Sollte aber seine Autorität im Wege stehen werden wir
volle zu Werke gehen (?).

Brief von October 1941:

Sinn: Er hat eine Macht, die ~~schlecht~~ zu schlagen ich noch
nicht fertig bin.

page 12 Einstein affair

E-26 Translated:

8. Though unwanted by Einstein the role of Representative (towards me) for inorganic(?) Physics fell to Einstein, and that of representing Orgone Biophysics fell to me. The battle will be hard, and deadly dangerous: (?) Einstein is in charge over the blind beliefs in Mass, (?) unable to formulate why it became pious belief ?? He has or could (gather) together all the interests who do not want the Orgone (?). At first he could, acting out of a bad conscience, be victorious, in spite of the truth on my side. He has the power, we have the truth. He has the multitude of physicists, and we nothing. We ourselves stand amidst insecurities, he builds upon rich means and security.

Marginal note: Psychiatry: Technique of mech(anistic) structure

9. One might try to solve the conflict via a personal debate before the world.

10. Possibilities

- a) publish + my letter to Einstein.
- b) Do not carry out ~~my~~ ^{minor} publication now, but prepare for overall publication of.
- c) Attempt at a personal confrontation

11. Basis for all actions:

Einstein's world does not understand Sexology and Orgonomy.

We can't understand much of the usual Physics.

Only simple facts are valid (or should be given)?

12. Possible motives for Einstein's indecent behaviour

- a) He did not get the idea to measure out of doors (embarrassment)
- b) He is tied in with General Electric.
- c) He is anxious for his mathematical Theory of the Ether, which now is discovered.

HOW GLORIOUS it can be

Mad apostle of sexuality

TO THOSE who have heard of him at all, Wilhelm Reich is probably best known as the author of a book entitled "The Function of the Orgasm." Students of psychoanalysis will be familiar with his early and valuable papers on "Character Analysis," "Character Formation," and "The Genital Character" and "The Neurotic Character." In the USA his work is achieving something of a comeback; and in Britain at least a few of his followers still exist and practise a kind of therapy which includes the detection and release of muscular tensions which, in Reich's view, were the tangible expression of the patient's defences and resistances.

Yet, sad to relate, this gifted man himself displayed a most difficult and abnormal character; became progressively more unhinged during the course of his life; and finally died in prison at the age of sixty exhibiting paranoid delusions of a classic variety. This biography is the work of his third wife, who like her two predecessors had finally to part from him, partly because of his violent jealousy, and partly because she could no longer subscribe to his theoretical ideas, which were becoming more and more out of touch with reality.

It is abundantly clear from this modest book that Reich belonged to that not inconsiderable group of paranoid personalities who inspire others just because they are so sure that they are right. He was

WILHELM REICH by Ilse Ollendorff Reich/Elek 42s
ANTHONY STORR

always an awkward customer. Freud originally thought highly of him; but after he became a Communist and alleged that the death instinct was a product of the capitalistic system, Freud could tolerate him no longer. Nor could the Party, who officially excluded him in 1933 and prohibited the sale of his writings in Communist bookshops. At this date he moved to Sweden, but the Swedes could stand him for less than a year and revoked his permit in June, 1934. After this he moved to Norway; but, sure enough, trouble started within a few years, and a newspaper campaign led to his departure from Norway in 1939.

Like many paranoid characters, Reich made his delusions come true by behaving in such a way that he was bound to be persecuted. In the end, conspiracy was everywhere. The orgasm and its full establishment remained at the centre of Reich's therapeutic efforts; but his theoretical ideas became more and more bizarre. "Orgone energy," as Reich named his vital force, could be accumulated in fantastic machines. Moreover, spacemen ran their spaceships on orgone energy, they were attacking the earth from outer space, and only Reich could save the world. Of

course, he could not reveal much of what he knew, since it was top secret, but the aeroplanes which frequently flew over his laboratories in Maine were sent by the President for his personal protection. Moscow, on the other hand, was frustrating his work by a personally directed conspiracy.

All this is such familiar psychiatric material that it is a tribute to Reich's apocalyptic powers of persuasion that many people shared his delusional system with him, and according to Mrs Reich, continue to do so. His work was finally brought to an end by a prosecution undertaken by the US Food and Drug Administration. Even the tolerance of America, so willing to allow strange sects and curious healers, was stretched beyond the limit by Reich. Although the prison psychiatrists recognised his mental illness at once, there was no point in reopening his case on the grounds of insanity, since he was incurable and would have suffered more from being labelled insane than he did from being designated a criminal.

In the light of Freud's explanation of paranoia in terms of unacknowledged homosexuality, it is interesting to note that Reich, the apostle of the orgasm, was pathologically jealous, and also that he refused to treat homosexuals, saying that he did not want "to deal with such filth." It is not surprising that he always broke off his own analysis with the various analysts to whom he went for training.

He seems willing to use his power against our truth.

Answering letter to him:

- a) We gladly do without his confirmation
- b) We shall undertake all necessary steps, and ignore him.
- c) However if his authority will obstruct we shall mean business.
(???)

Letter of October 1941:

Summary: He has the power, which I am not yet ready to beat factually.

E 14

Marginal comments in German, in WR handwriting:

"Nicht abgeschickt"

A retyped version including the German corrections in legible manner is needed.

second line: ganz

Insert first paragraph: Ich kann doch auch nicht annehmen, dass Sie meine so ernsten Mitteilungen als unernst oder als Schwindel betrachten; einst hätten Sie ja nicht 4 1/2 Stunden mit so grossem Interesse und Verständnis zugehört, Sie wären ja auch nicht bereit gewesen einen Apparat kommen zu lassen, um selbst zu beobachten und zu versprechen, die Sie Sache zu vertreten, wenn die Temp. Diff. (Temperatur Differenz) eine Tatsache ist. Nach all dem ist Ihr Schweigen unbegreiflich.

... dass Sie die ernste und weittragende Sache....

✓ Ich kann auch nach dem Gespräch mit Ihnen nicht zugeben (??)
dass, Sie hochmütig sein können. (?)

...Durch die temperatur differenz an der Tischplatte war die Sache natürlich lange nicht erledigt, da sie auch im Freien vorhanden ist.

E 14 continued

✓ Es hält uns in wichtigen Entscheidungen auf, Zum Beispiel ob wir der englischen Regierung Mitteilung machen sollen oder nicht. Ich ersuche Sie daher im Interesse aller Beteiligten uns Bescheid zu geben was vorgefallen ist so oder so. Die Beantwortung von Briefen gehört doch zum geordneten menschlichen Verkehr und ich möchte auch die Apparate nicht lang (?) bei Ihnen liegen lassen.
.. geldlich...

Die Tatsache, dass sich die Funktionen der Organe energie vor allen Augen unmittelbar und sichtbar abspielen, wiegt aber weit mehr.

E-27 Translated

February 18, 1944

Dear Dr. Wolfe:

Here is the letter ~~which~~ about the unpleasant Einstein affair, which I promised to write after ^{you} further consideration.

I would like to summarise the ~~letter~~ ^{with few points} which is most complicated, and cannot be understood from a purely scientific rational viewpoint, to the best of my comprehension:

1. Already the failure to answer my detailed letter to Einstein of February 20 1941 was and remains subsequently unintelligible. As I stated already in my "notSent" letter of October 1941, he had the opportunity to declare openly that he did not understand anything about the organomic work, or that he wished to have nothing to do with it. That would have been understandable and an invulnerable stand. (?) But the not-answering of my experimental refutation against the false interpretation which had been

E-27 translation continued

raised against a firmly established phenomenon, represented an undeserved insult. This "not-answering" of my letter and of the subsequent communications was incomprehensible, and I ^{strenuously} rejected purposely and repeatedly the idea that Einstein might be reacting irrationally.

However in the course of my scientific labor s I have repeatedly become acquainted with irrationalism on the part of scientists. But I knew Einstein's work too well and had too much respect for ^{pure (?)} real science, so that in this instance I had to strictly reject the idea of this being a case of possible irrationality. I would like to note here, that with all respect for Einstein's accomplishment it yet remains a basic principle that none, whoever it be, ~~thax~~ has the right to insult decent people who work immensely to represent this gigantic matter with many sacrifices. Off course, had I admitted the possibility that Einstein ^{consciously} would act insultingly, after all which had occurred between us, I would not have made further communications to Einstein about Orgone research.

By not answering my letter he made the whole matter difficult. It was not at all necessary to declare openly that he wanted nothing to do with the matter. I would not have hesitated to tell of such a position to the public, if this had been demanded by the truth. Not even, if such publication would have prejudiced the ^{authority} ~~worshipping~~ layman against us and our work. It was the not answering of my letter, as can now be seen by everyone, which brought about the embarrassing present situation. I hesitated for more than three years to publish the temperature measurements, in order to avoid the embarrassing situation. This alone proves that I not only gave up the hope for his assistance, but that moreover I

page 16 Einstein affair

E-27 Translated

was considerate of Einstein's position in science. For I knew that in controlling my experiment Einstein had made a mistake, ^{off course} which does not lower my estimate of him in any way, but ^{emotional-} which in a plague - ridden world could easily assume a malignant character. This was his mistake:

If the discoverer of the steam locomotive had gone to an Einstein of a previous century, in order to demonstrate such an engine, then it would without doubt have been as much a "Bomb" as my demonstration of the temperature difference of a plain (banal) box without a visible or known constant source of heat. Now imagine that such an ~~previous~~ Einstein of a previous century had indeed clearly noted the fact that the locomotive actually is capable of motion. It is not in the content of the physics of that time to know steam-energy. Therefor the locomotive appears miraculous, or expressed differently it appears impossible and improbably to the scientists of that former age. The previous Einstein notes that the locomotive moves. He wishes to detect the cause. He takes the machine apart, and finds that the locomotive now has stopped moving. Furthermore he finds that the phenomena ^{due to} of steam, of which he has no inkling, appear in the vicinity of the locomotive. This phenomenon, which is just as inexplicable as the motion of the locomotive itself. He now declares that the Locomotive had run because steam existed in its vicinity. The only possibility to decide whther it was the steam next to the locomotive or the steam inside the locomotive which caused the motion would consist in bringing the locomotive into a place where no steam is in the vicinity. If the motion were to continue then the propulsion of the locomotive would be independent of the ~~previous~~ steam previously in the neighbourhood of of the engine.

page 17 Einstein Affair

Translation ~~Ex~~27 continued

Now let us transfer this conceptually somewhat lame example to the case of the Orgone Energy accumulator.

The fact that a simple box consisting inside of metal and outside of organic material should produce a temperature difference in respect to the surrounding air appeared to Einstein so foreign and impossible, so unbelievable and improbable, that he not only talked about a "bomb" in physics, if the phenomenon were to be confirmed by him, but also that ~~XXXXXXXXXXXXXXXXXXXX~~ after ~~XXXXXX~~ ~~XXXX~~ he had to admit the existence of the phenomenon, he took the apparatus apart, —

in order to find how the phenomenon was caused. Only in this way I can humanly explain, ~~XX~~ how it did not occur to him to leave the Accumulator untouched and to observe it, as it was, outdoors, where there were neither ~~XX~~ room ceilings nor floors. Measurements outdoors would have been less bother for him than the complicated disassembly of the box which he described in his letter.

This human psychological reaction seems to offer the only understandable interpretation of the behaviour. The experiment itself is clear as the sun. If he had been rationalized factual Einstein would have had to answer my detailed exposition with affirmation and agreement. Even today I am convinced after all that has happened, that he knew exactly that I was right. That is why his behaviour in this matter ~~ix~~ remains ever less comprehensible. After three years during which I maintained the consideration as a matter of course and during which I ~~ix~~ put the interests of Orgone research into the background (in a publishable way?) the affair took a different course!

Translation E 27 continued

II. A physician who visited me and who had heard much about Orgone research, told me, that Dr. Eith Jacobsohn, a former Berlin sewerker, and a later enemy out of bad conscience, had told him, that Einstein had not been able to confirm the phenomenon which had been asserted by me. This is not according to the facts, for Einstein had confirmed the phenomenon, even though at first his interpretation differed. We would have been justified, to correct this rumor publicly without previous communication to Einstein. For this purpose it would have been unnecessary to publish his letter to me, but ~~then~~ only my letter to him and ~~then~~ my letter to Neill of September 6. Thus we did not even need his permission. We were considerate enough and polite enough to tell him that we wanted to counteract the rumor, in spite of his behaviour of ~~enduring~~ the three years which was now understood to be an insult. I now proposed this

with the conscious intention to give Einstein the possibility to express his opinion. To our politeness and consideration Einstein now answered with new ~~politeness~~ gross insult. He indicated that we wanted to misuse his name for purposes of propaganda, as if we were producers of hair-growth-letion or electric lightbulbs. To this I I want to add in a strictly factual and calm manner:

- a) You know that I have made far less propaganda for my discovery than has been made about the discovery Einstein's.
- b) The fact that no profit-interests were connected with Orgone Research was communicated to Einstein by me orally, and in a long written report, and in addition in the journals:
(to the usual mind)
That I had made incredible/financial sacrifices in the interest of the work.

p. 19 Einstein affair

Translation.E-27 continued

* behaviour

a) Our Institute is far removed from making propaganda for our discovery, corresponding to the completely correct ^{custom} ~~usage~~ and the financial opportunities of a firm such as General Electric. (added by Einstein to the affair)
This new insult is greater, less comprehensible and hurts more. I don't believe that we should allow such an insult, by whoever it might be.

III. It is irrelevant whether Einstein has confidence or lacks confidence in Orgone Research, or why he lacks it. Orgone energy exists independently of recognition of its existence; and this existence will eventually be acknowledged sooner or later, this way or that, inexorably. The steps undertaken by the Orgone Institut so far, or which it will be forced to take in the future are not meant, - and this I would like to underline ^{stress} -, to force a confirmation through Einstein. I have ~~responsibilities~~, let this go (unterlassen), because it is a dirty business, and because Orgone Research had no need to lean on Einstein.

The publication of the Institute, concerning the Einstein affair, is meant not only to contradict malignant rumors, which contradict truth and which are only designed to discredit us through the very fact that one rests on Einstein's authority in physical matters. Strictly factually ~~stiff~~ and seen truthfully, it is up to Einstein to turn against the rumor mongers who are misusing his name in order to discredit us, and not against us, who hitherto have retained towards him the greatest degree of consideration and politeness, and who are determined to continue to do so in the future. We are caught in a conflict the solution of which is not easy. We cannot counter the meanness or irrational behaviour of others by becoming mean and irrational ourselves. This not out of fear of Einstein's authority, but we do it,

Translation E_27 continued

as matters stand, because we can exist and want to get along without Einstein's factual confirmation of the phenomena. It is unthinkable that irrational human reactions are able to stem the course of development only because an authority in physics is mixed up with it. The discovery of the Orgone is much more important for the world than any kind of authority or other consideration. ~~Therefore~~ In this it is not a question of confidence or suspicion, but solely the question whether the temperature difference exists without a visible and known energy source. We neither want to depend ^{too much importance?} on or attach to Einstein's confirmation of the phenomena, nor on the other hand must we allow the misuse of his authority against us by the emotional plague (of mankind). Let us distinguish these two points of view sharply. In the first case we are decided to further respect Einstein's wishes. In the second case we are just as decided to place consideration for Orgone Research above all else.

IV. After considerable thought the whole affair seems to be of a more profound nature than just that of a personal conflict between Einstein and myself. If one ^{the matter more closely} considers ^{factually} and completely logically two natural scientific worlds (views) have collided in this conflict. To Einstein fell the role of representing inorganic physics, while it became my role, often much to my regret, ^{and} of representing an energy ^{which} guides ~~both the inorganic and organic personality.~~ ^{no accident} that the Orgone Energy, the Basic Cosmic Energy, which guides the living, has been discovered not via the Physics of dead (matter) but by way of psychiatry, via the emotions. In making

this discovery, I have in no way exceeded the realm of Biopsychiatry. It is simply a reversal of the relationship between the physical-mathematical and the biological sciences. Until now biology, Medicine etc. were running after Chemistry and Physics and tried, completely incorrectly to put themselves upon a natural scientific basis by the laws derived from dead matter. Through the discovery of the Orgone this relationship is reversed. Now the functions of the living organism become the factual model for the exploration of that basic energy, through which not only the orgone energy will be explored, but also by that which the many discrepancies and gaps in the fields of chemistry and Physics will be cleared up solely through the facts (found by) Orgone Research. I can predict with certainty that from now on no longer will biology and psychiatry follow Physics and Chemistry, but on the contrary Physics and Chemistry will follow Biology and Psychiatry in order to place themselves upon a better and more exact natural scientific basis. This is also valid in another and deeper ^{critically understanding} sense (erkenntnistheoretischen Sinn).

Natural Science and Natural philosophy have known for centuries, that the portal to any kind of understanding of nature, the site of communication between self and world was formed exclusively by the sensations which the ego received from the external world. The debate of all natural philosophers of the past about the nature of things concerned itself with the correctness and objectivity of the sensations, which are the only means for understanding nature (Naturerkenntnis). For the first time in the history of science a breach has been made into the nature

8x

page 22 Einstein affair

E- 27 continued

of sensation. It is no wonder, but entirely logical and consequent that it was a bio-psychiatric special field, namely Sex-economy, which operates with emotions and sensations, which found the track to the cosmic basic energy. My publications give witness to the logical course of this development.

I hope to have made myself sufficiently understandable. This battle between the physics of ~~the~~ Life and with its relationship to cosmic physics and the physics of the Dead will be hard and life dangerous. It is important to me that no illusions should be held. Sooner or later mechanistic physics will derive its life juice from Orgone Physics, irrespective whether I or someone else is its representative. Today it stands like this: The main representatives of mechanism have power and the mechanistic human structure on their side. We are much at a disadvantage. Our natural scientific work cannot support itself upon the routine knowledge of centuries past. It has to conquer the newly discovered territory under great dangers and upheavals in organic development. As you know it has been Organism anxiety, that is the fear of organ-sensation perception, which is at the basic reason why the Orgone energy has not hitherto been discovered. To the insecurities, to which I am exposed in Orgone Research, is now added this irrational human reaction and a world of power and influence. Often it would be easy to lose courage. Yet each time I go into my laboratory renewed confidence returns to me, which the matter requires. The facts, as they line up one after another in the course of the years correlate in a marvellous manner. It is often difficult for me to follow them logically. That is: we are in charge of a segment of powerful fact-truths.

I ~~bring~~ point out the deeper meaning of this conflict not without reason. There exists the following catastrophic misunderstanding, which may become dangerous, if it is not continually cleared up. It is said: The Orgone Energy, if it exists belongs into the realm of Physics. Einstein is the leading physicist of this century. Therefore his opinion counts and no other one. Only as an aside should be mentioned that the misunderstanding is caused by the desire for authority and the fear of responsibility of human beings. No one denies Einstein as the highest authority in the realm of the dead. But he does not have the least authority ~~and~~ nor any knowledge over the subject of the Life Energy, the Orgone. All the facts which I transmitted during the conversation in 1941 which lasted 4 1/2 hours were new to him, and partly highly surprising, yet basically thinkable (in Prinzip denkbar) otherwise he would not have taken so much trouble. Authority in the realm of Orgone Physics and Orgone Biophysics has to be earned by working by each one who wishes to judge it, this we have to state publicly ever and again. This is ~~important~~ required because the laws of Orgone physics are basically different from the laws of Mechanism, the theory of Electricity, etc. Here alone it suffices if I remind of the fact that according to the laws of dead physics regularly Energy flows from the strong to the weak systems however in Orgone Physics just opposite the stronger system attracts the weaker, or withdraws its energy. You understand what I mean. The thought has been expressed that it would be easy for Einstein, with his authority in physics to slay the matter of Orgone Physics for a long time.

page 24, Einstein affair

E 27 Translation continued

He can surely do this, backed by his own and others irrationalism. He cannot do this, if we distinguish clearly, where he is an authority and where not. In these discussions factually

complicated formulas do not count, nor any hypothetical models of space (Weltraum konstruktiones) but the discussion of the simplest facts of nature, such as the existence of the simplest of heat, the production of heat in the organism, the functions of Dielectrics insulators, the medium of radio waves, etc.

It will take me a decade or longer before I will be far enough to be ready to answer the essential, simplest questions concerning Physics, Einstein's field. A controversy between Orgone Physics and the mechanistic Physics of death cannot be avoided, and should not be avoided. But it must under all conditions be held rationally. It must not happen under any circumstances as has happened so often in natural science that power and influence are judges over truth.

I am preparing a detailed publication about irrationalism which encounters the life phenomena and therefor also Orgone Bio Physics.. In this publication it will also be necessary to present the Einstein affair. Opportunity arises because it is exactly Einstein's theory of a "field" and of the matter-energy relationship which demands the existence of a basic cosmic Energy, which penetrates and guides all matter. Probably there will be repeated, as happened already in the encounter with the scientific systems of Marx and Freud! I shall probably have to defend Einstein's theory against Einstein himself

D. Her

I leave to you the problem of whether you wish to answer Einstein's insulting letter or how you handle this. One possibility is not to answer at all, or simply to reprimand the suspicious in a factually serious way.

Sincerely yours

page 26 Einstein affair

E 30a

page 25 misrno
(typed onto back of
First copy

I beg you to treat the conflict between Einstein and myself with absolute confidentiality. Meanwhile we will publish nothing about Einstein.

Would you please let me know if you have a contradictory opinion or any feelings of doubt.

Yrs Cordially

Signed Wilhelm Reich*

E-10a

WR hand writing in English
"English translation from
German by Th. P. Wolfe."

page 4 "The appended diagrams of
Experiment No 2 illustrate
the set up as well as result"

[Use diagram + give reference to Conner
Biopethey article + diagram of this experiment
since no diagram shown in translation]

[Should not original German manuscript be
reproduced on 1 side with English on the other?]

p. 16 1-5 size [missing is a ^{metric} size
designation such as μ , ^{micron}
mm
cm
m]

p. 21 "structures were no longer resolved"
is a booboo - the word should be "resolved"
The translator

p. 23 "size of about 0.25 μ "... What? μ 2
metric / cm 2
size
designation? mm?

E-13 ✓ Curves for point 4 not
included - [Die beiliegenden Kurven]

Translate E-13

E-14 - needs WR handwritten

E-17 - comments trans. all.

Translate

E-30a -
also include in the list

Translate E 34

identify "Rodger" - give a definition

Note on 2 clippings

E-25

Handwritten WR marginal comments

17 - February 1944

? Fehlung macht, Lokomotive läuft nicht

? ? auseinander gehen auch ?

point 8.

Ungewollt fiel Einstein die Rolle
der Vertretung mechanischen ^{organischen?}
anorganischen Physik

Zu mir die der Vertretung der Organ

Biophysik. Der Kampf wird hart und tödlich

2. Einsteins mögliche Motive (für)
Seines unanständigen Benehmens

a. Er kam nicht auf die Idee
im Freien zu messen (Blamage)

b.) Er ist durch General Electric
gebunden.

c.) Er fürchtet um seine Mathematische
Theorie des Äthers, der nun
entdeckt ist.

Er scheut gewillt seine Macht
gegen unsere Wahrheit ausüben ^(ausüben) ~~ausüben~~

(Vorzunutzen?) : Antwort Brief an ihn.

a.) Wir vernichten gern auf seine Bestätigung

b. (Wir werden ~~den~~ ^{alle} notwendigen Kontrolle
unternehmen ihm nicht berichten ??)

c.) Sollte aber seine Autorität im Wege
stehen werden wir volle zu Werke gehen.

Brief von October 1941 :

Summe Er hat eine macht, die ^{jedoch} zu schlagen ist
noch nicht fertig, Fin. WR.

9. Es wäre zu versuchen

den Konflikt durch eine persönliche

Aussprache bei ? der Welt zu.

rainen (Reinigen?)

10. Möglichkeiten

a. Publizieren + meinen Brief an Einstein

b. Jetzt Kleinpublikation nicht

durchführen vorbereiten

Gesamtpublikation.

a. Versuch einer persönlichen Aussprache

ii. Grundlage aller Aktionen:

† Einstein's Welt versteht nicht von

Sexualität (?) und Orgon (Orgasmus?)

Wir verstehen nicht viel von ^{üblichen} übrigen Physik.

Nur einfache Tatsachen geben.

(und) gefährlich sein:

Einstein verfügt über den blinden
(verfügt?)
Glauben der (Masse?)

?

nicht
primitiven

? Leuten?

verhört } verhältnis weshalb,
is es }

from? weshalb das nicht könnte
geworden es from geworden ist
ist.

Er

hat

oder

Könnte

Zur

in körperlicher
Psychiatrie
Technik
oder mechan.
manuelle Struktur

haben

die

Interessen

das

den

Organ
nicht wollen.

Füßer
? mass ✓ ? X

Könnte

er

aus

Schlechtem

gewissen

.....,

Siegen,

trotz
der

Wahrheit

auf

unserer

Seite.

Er

hat

die

Macht

Wir

haben

die

Wahrheit.

Er

hat

die

Masse

der

Physiker,

Wir

nichts

Wir

stehen

Selbst

in

Unsicherheiten,

Er

baut

auf

reiche

Mittel

and

Sicherheiten.

Translation E-13

(Title etc)

September 23-1941

Dear Prof. Einstein:

During the summer months I utilised the relatively dry climate of Maine experimentally. I made daily and hourly outdoor measurements of the speed of the electroscopic discharge ~~outdoors~~ from 5 July to 20 August between 8 A.M. and 12^{o'clock} midnight. The results of these measurements confirmed my suspicion that atmospheric Orgon energy is not identical with ~~the~~ ionizing - electricity. ~~the~~ [Ionen-electricity]

1. The discharge of the electroscope (which was in contact with the air) oscillated considerably in more or less regular fashion in the course of

a day, entirely independent of the wind or humidity content of the air. The discharges occurred most rapidly in the early morning and late ~~at~~ in the evening. The

discharge rate decreases in a regular curve until about 3-5 o'clock in the afternoon, and from then on increases again. Obviously the rate is connected with solar radiation.

The rate increases with low concentrations and ~~decreases~~ falls with high concentrations of atmospheric energy. If the speed of the electrosopic discharge were a measure of the ionisation of air due to solar radiation reflection, then logically the discharge ~~rate~~ should ~~be~~

Occur more slowly mornings and evenings than during the noon hours. But just the opposite is the case.

2. Before strong and enduring rainfalls a sudden decline of the discharge rate curve occurs. That is, the discharge occurs very rapidly; the ~~concentration~~ atmospheric energy tension is very low ~~as long~~ as for the duration of the rain; with the onset of fair weather it ~~rises~~ climbs again.

3. Cloudformation is indicated by an acceleration of the electroscopic discharge. It is as if ~~the~~ cloudformation proceeded not only through a withdrawal of atmospheric oxygen energy

from the region above the earth's surface, but also as if the formed ~~very~~ cloudformation acted like an ~~umbrella~~ screen against the sun's organotic radiation. Changeable weather, alternating between Sunny and cloudy conditions on one and the same day, is expressed by a correspondingly alternating curve of the electroscopic discharge rate.

- 4) Simultaneously with the outbreak of heightened sunspot activity on 5 July, the concentration of atmospheric energy fell to a fraction of its average value; therefore, the electroscope discharged more rapidly, yet the daily variations retained their more or less marked regularity, even though at a lower level.

The enclosed curves demonstrate what I have just discussed.

[Note: add the curves, they don't appear with the letter]

I thought it necessary to communicate these addenda to my report of February.

~~Towards the ^{execution of} technique of executing~~
~~the total business~~

I make the following proposal towards the ~~executi~~ management of the whole matter: In February of 1941 I ^{to Washington in order to} applied ~~for~~ patent ~~of~~ the organoscope and Organ-accumulator.

I received the serial number, and have till 15 December to demonstrate the subject to the patent-examiner from Washington in my laboratory.

I had to initiate the whole procedure in order to secure the experimental work financially and to protect it from exploitation by unscrupulous businesses. I would be glad if the whole patent application were to become unnecessary, for I myself am neither inclined nor suited to become an entrepreneur. While I would like to give away the matter (discovery) freely, I must not neglect the steep financial expenses this work demands. Such a financial support through official offices (position -? Stellen) would be the solution and would save ^{all participants} the unpleasant patent proceedings. ~~On~~ ~~the~~ the solution of this problem it also depends whether and when I will publish the total exposition of the facts.

If a patent were accepted this,
according to the patent lawyer,
would prohibit an extensive publication,
which does not please me at all.
I ~~am~~ therefore ~~am~~ delaying
further decisions in the matter
and the publication of the
manuscript until ^{written} finished in the
meanwhile, until I have your
answer, how the matter stands.

Meanwhile the current therapeutic
experiments with human cancer patients
which had started in March, are growing
in extent, and give partly surprising
partly gratifying, but otherwise also
results, which bring forth ever more
clearly the whole complicated nature of
the problem, and the required means for aid.

Expecting your communication in the
near future, with cordial greetings

yours
WR

[Translation of E-8

by ERToise
Not Sent

Dear Professor Einstein!

I have ^{here} carried out a "control of the control" thermometer. I used two control thermometers and surrounded the mercury bulb ^(tip) of one with various materials. The thermometers were exchanged several times. It appears that both ~~the~~ control thermometers indicated the same temperature, as long as I adhered to the rule not to hang them in the vicinity of a wall, but to hang them ^{(at a distance of} at least 1 meter from the wall. When surrounded by a cotton pad, copper, Rubber, or glass the resulting temperature shows either no difference or a negligible (0.05°C) one. The large temperature difference of 0.5 to 2°C occurs, according to my observations to date only, if one creates an enclosed metallic space and ~~takes a measurement~~ measures above the apparatus.

The temperature difference is ~~(electromagnetic?)~~
Uniform and greater, if one surrounds
the closed metallic ^{enclosure} cavity with organic
material, and if one delineates the
space in which the Org temperature is being
measured against the rest of the air.

I proceeded several days ago according
to your advice, ~~with~~ with systematic
experiments to photograph the radiation.

I already have ~~some~~ several positive
results. I will send you the material, as
soon ^{as I succeed satisfactorily} ~~as satisfactory success~~ at demonstrating
the radiation photographically. ~~is either~~

May I request you again not to
stay longer than one hour in the room in
which the apparatus is, and to air out
the lungs for several minutes with fresh air
afterwards.

With ^{Cordial regards?} Sincere greetings

Yours WR

The Einstein essay

E-8

WR handwriting "Nicht Abgeschickt" ✓

NS (not sent) ✓

This should also be listed as NS in
Table contents.

This should be translated.

E-9 End of Einstein's letter ✓

WR handwriting comment

Weshalb nahm er nicht einfach den Accu ins

Freie wo es keinen [?] Plafond? gibt!?

Er hätte dann eine höhere Temp
(ceiling?)

Diff. gemessen Dum! (Dumm)

Why did he not simply take the Accu (multimeter)

outdoors where there is no ceiling!?

He would ^{then} have measured a higher

temperature difference. Stupid!

Also note last paragraph was not translated

WR marked how for translation should go

with his bracket...

" I hope that this will develop your
scepticism, so that you do not allow
yourself to be deceived by an understandable
Illusion. I ask you, that you you have
the instrument picked up again at your
convenience, which after all is ^{of some} ~~rather~~ value.
It has not been damaged.

With friendly regards,

yours

A. Einstein."

[Note the American spelling of Ether -]
Translation of E-34 by ER Oluse
Undated The Riddle

The behavior of Einstein has remained a riddle until today. Why did he not answer? Why did he break the promise he had given? There existed many opinions about this ~~is~~ among us.

√ It was possible (some thought) that he believed the whole Orgone matter to be Humbug (nonsense).

This is contradicted by his comprehension during our conversation. Others believed that he was influenced by certain industrial interests, who wished that Einstein would not confirm the discovery of the Orgon.

As for myself 2 other possibilities seemed more probable. Einstein did not understand the Orgon, ~~that~~ ^{as} he indicated himself in his letter. It contradicted ~~strongly~~ ^{rigidly anchored} ~~rooted~~ basic, physical

~~Viewpoints~~ points of view. He did not want to expose himself, but thought it better to wait. The other interpretation seems more brutal, but closer to the truth. According to

this Einstein ~~proved~~ understood ~~it~~ completely (fully), that the ether had been finally discovered in a practical demonstrable manner.

Now Einstein had built his whole theory of Relativity upon the assumption that the ether does not exist, and that its existence is not even necessary, in order to solve cosmic problems. For

these may be solved purely by mathematics,

~~which was supported by through the~~ confirmations of his theories ~~by in the~~ observation. [WR's]

It was understandable both from the human and scientific point of view, that Einstein did not want to take part in the overthrow of his

the meaning of this phrase is not clear to me ER see handwritten note! simply →

Life's work, even though strict natural
Scientific objectivity would have required
it. The existence of a real ether did
not ever have to disturb Einstein's concept
[Bild] ~~(representation) theory~~²⁾ idea of nature. Only if ~~it~~ one succeeded
to derive a new cosmogony (~~the~~ ~~the~~)
~~the~~ from the properties of the newly
discovered ether, was Einstein's theory
shaken, ~~because~~ ~~it~~ having become
superfluous.

[In German handwriting marginal note:

Ich musste also meine Behauptung
im Brief an Neill zurück nehmen
demzufolge (?) meine Entdeckung
Einstein's Field theorie stützt.

tr: "Thus I had to take back my assertions
in the letter to Neill ^{subsequently} since my discovery
supported Einstein's Field theory"]

I do not know whether these
reflections are correct or incorrect.
Einstein himself caused the confusion,

by withdrawing from this affair
in such an ungracious manner.

But the "affair" was compelling and
clear. It is possible Einstein
underestimated the extent ^{and consequences} of my

discovery. ~~and~~ In Brief, I can
only advance conjectures, but no certainties.
In the ^{later} following years I leaned increasingly
~~more and more~~ to the ^{war} opinion that

in this meeting of January 6, 1941 two

strictly inimical worlds met: Mechanistic
and Functional Astrophysics. The first

one a giant animal, with unlimited
resources ^{to fight for} means to battle and power, the second

an unfinished baby, which had barely
^{emerged} (crawled) from the mother's body.

The newborn baby held in the one fist
The fact "Cosmic Energy" and in the other

the fact "Perceiving matter". This is enough
to strike ~~the most~~ the most courageous
man with ~~terror~~ awe