

L. KOLISKO

Sternenwirken in Erdenstoffen

Saturn und Blei

Ein Versuch,
die Phänomene der Chemie, Astronomie und Physiologie
zusammen zu schauen



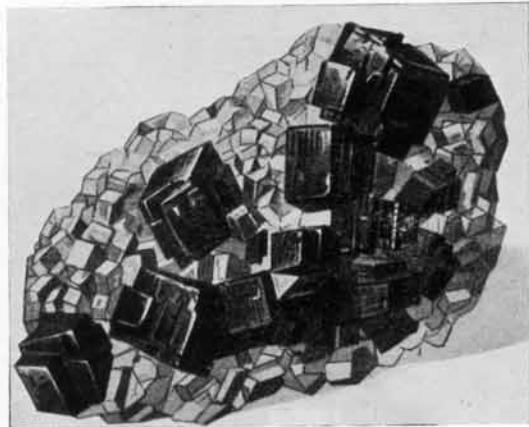
Natürliche Vorkommen von Blei
Lead Minerals



1
Bleiglanz auf Quarz
Lead Glance, Galena, Blue Lead, on Quartz



2
Bleiglanz auf Quarz
Lead Glance on Quartz



3

Bleiglanz auf Flußpat
Lead Glance on Fluor spar



4

Bleiglanz auf Flußpat
Lead Glance on Fluor spar

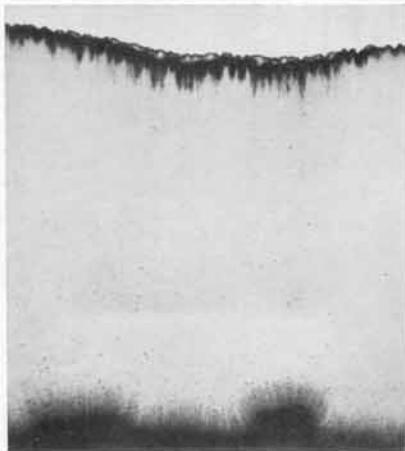


5

Bleiglanz auf Quarz
Lead Glance on Quarz

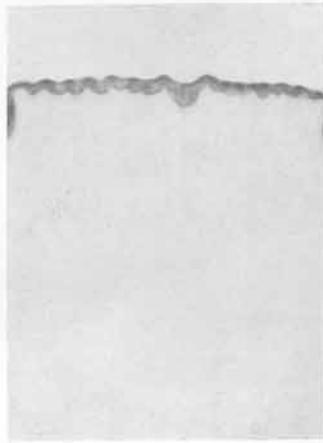
Steigbilder der für die Experimente hauptsächlich verwendeten Substanzen
und deren Verbindungen

Capillary pictures of the various substances and their mixtures
used for the experiments hereafter described



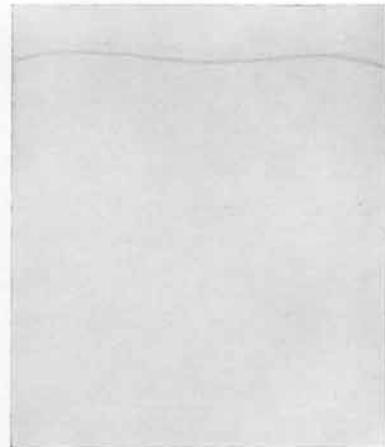
6

1 % Silbernitrat
1 % Silver Nitrate



7

1 % Eisensulfat
1 % Iron Sulfate



8

1 % Bleinitrat
1 % Lead Nitrate



9

1^{0/0} Silbernitrat und 1^{0/0} Eisensulfat
zu gleichen Teilen gemischt

1^{0/0} Silver Nitrate and 1^{0/0} Iron Sulfate
equal quantities mixed



10

1^{0/0} Silbernitrat, 1^{0/0} Eisensulfat, 1^{0/0} Bleinitrat
zu gleichen Teilen gemischt

1^{0/0} Silver nitrate, 1^{0/0} Iron Sulfate, 1^{0/0} Lead nitrate
equal quantities mixed

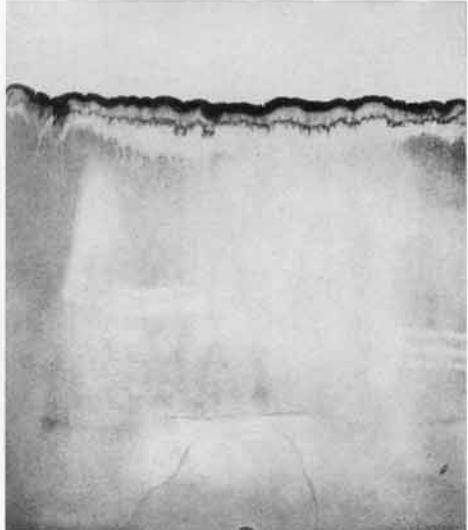
Versuche mit Silber-Eisen-Blei während der **Konjunktion Saturn-Sonne,**
November 1926*

Experiments with Silver-Iron-Lead during the **Conjunction of Saturn with the Sun,**
November 1926*



11

21. November 1926, 6 Uhr abends
21st November 1926, 6 p. m.



12

21. November 1926, Mitternacht
21st November 1926, Midnight



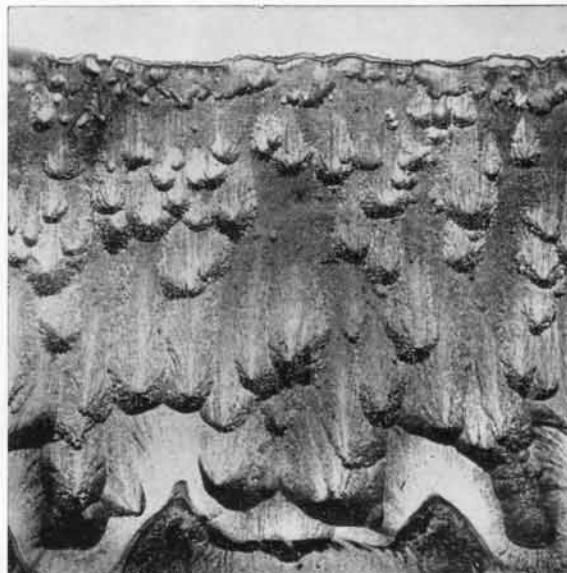
13

22. November 1926, 11 Uhr vormittag
22nd November 1926, 11 a. m.

* Siehe „Sternenwirken in Erdenstoffen“, Orient Okzident Verlag, Stuttgart, 1927

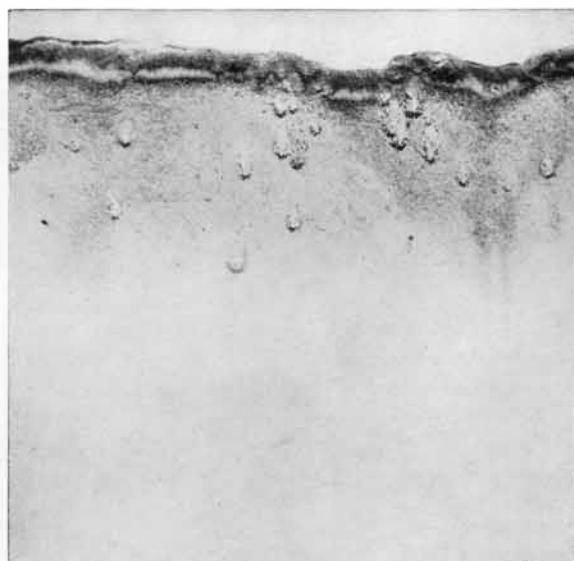
* See „Working of the Stars in Earthly Substances“, Orient Okzident Verlag, Stuttgart, 1927

Konjunktion Saturn-Mond (Bedeckung), Juli 1927
Conjunction Saturn-Moon (Occultation), July 1927



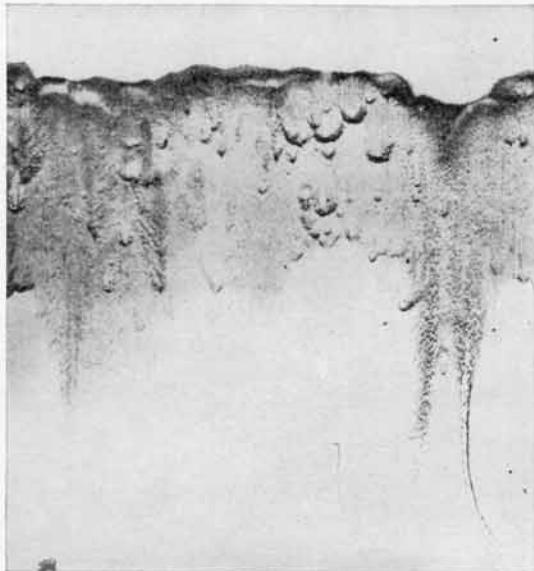
14

1 Stunde vor der Konjunktion
1 hour before the Conjunction



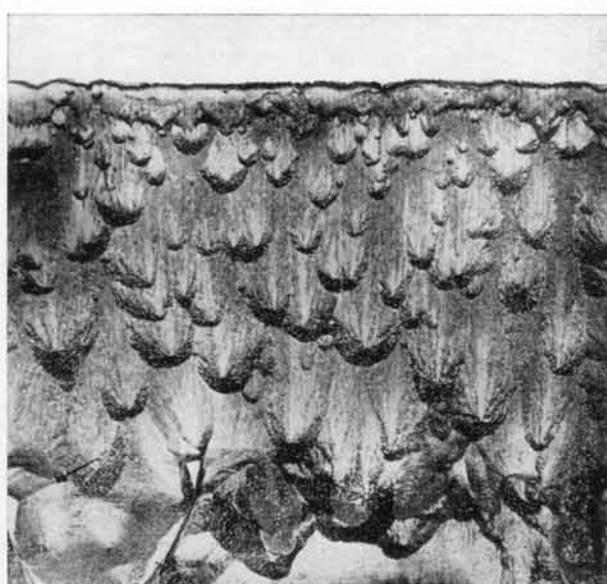
15

Während der Konjunktion
During the Conjunction



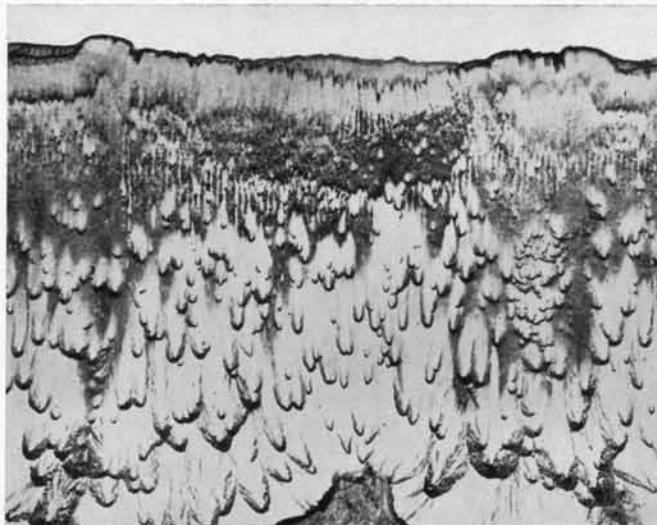
16

$\frac{1}{4}$ Stunde nach der Bedeckung
 $\frac{1}{4}$ of an hour after the occlusion



17

2 Stunden nach der Konjunktion
2 hours after the Conjunction



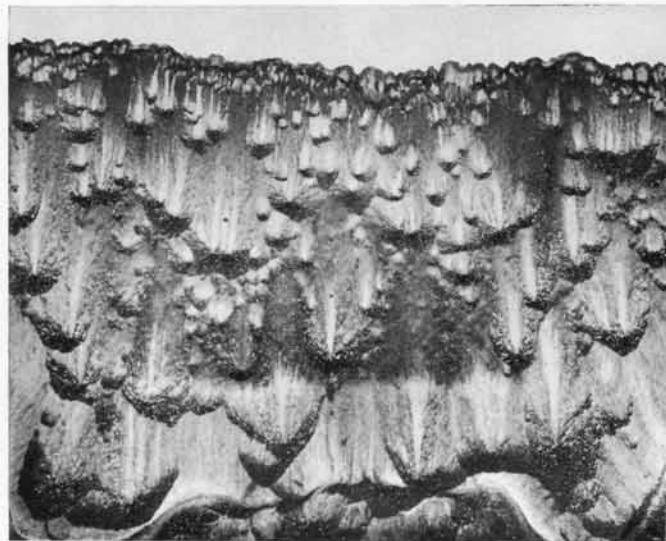
18

Einer der Kontrollversuche ausgeführt mit Silbernitrat und Eisensulfat
während der Konjunktion Saturn-Mond*

One of the control-experiments carried out during the conjunction of Saturn-Moon
with Silver nitrate and Iron sulfate*

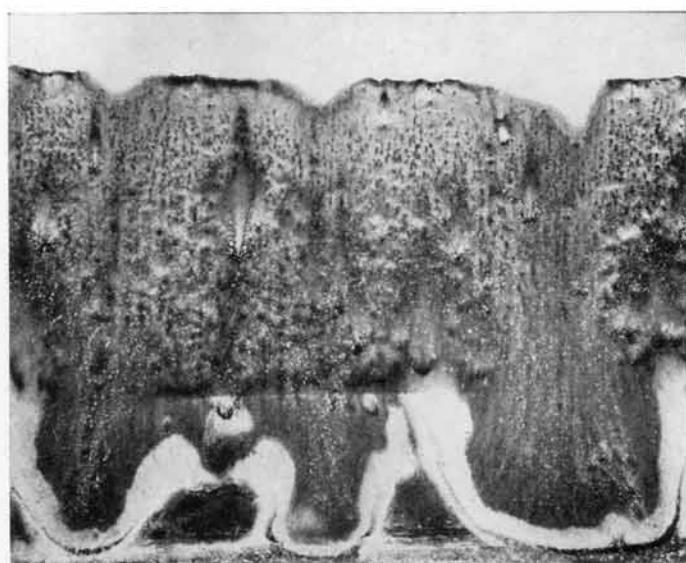
- * Siehe vollständige Serie in „Mitteilungen des Biologischen Institutes am Goetheanum“, Stuttgart, 1934.
See complete series of experiments in „Mitteilungen des Biologischen Institutes am Goetheanum“, Stuttgart, 1934.
- * Siehe Reproduktion eines anderen Kontrollversuches in „Mitteilungen Nr. 1 des Biologischen Institutes am Goetheanum“, 1934.
See another control experiment reproduced in No. 1 of the „Mitteilungen des Biologischen Institutes am Goetheanum“, 1934.

Konjunktion Saturn-Mars, 26. Dezember 1927
Conjunction Saturn-Mars, 26th December 1927



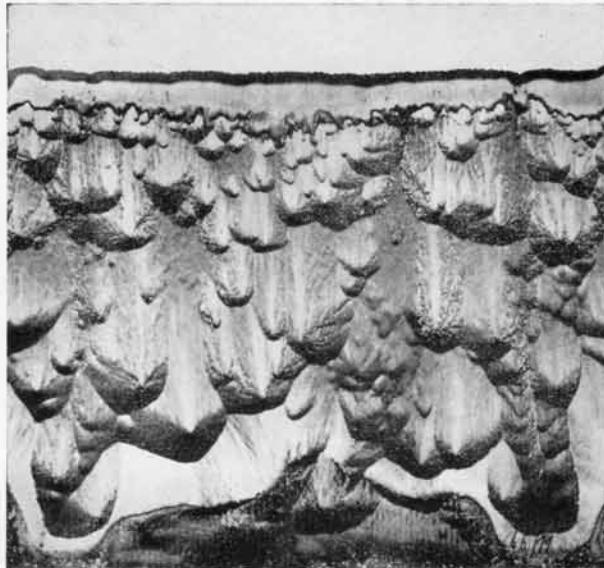
19

Silber-Eisen-Blei, 1 Stunde vor der Konjunktion
Silver-Iron-Lead, 1 hour before the Conjunction



20

Silber-Eisen-Blei, während der Konjunktion
Silver-Iron-Lead, during the Conjunction



21

Silber-Eisen-Blei, 3 Stunden nach der Konjunktion

Silver-Iron-Lead, 3 hours after the Conjunction

Siehe vollständige Serie „Mitteilungen Nr. 2 des Biologischen Institutes am Goetheanum“, Stuttgart, 1934

See complete series of experiments in Nr. 2 „Mitteilungen des Biologischen Institutes am Goetheanum“, Stuttgart, 1934

Opposition Saturn-Mond, Oktober 1927

Opposition Saturn-Moon, October 1927



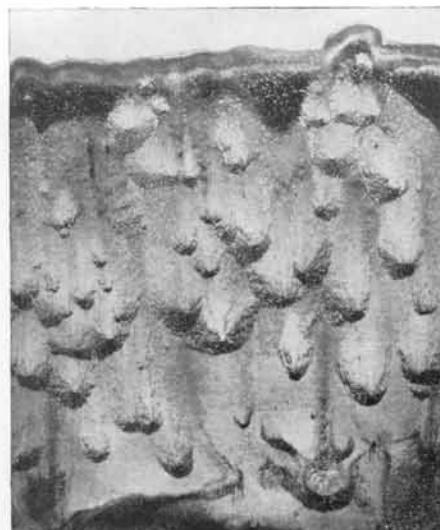
22

1 Tag vor der Opposition
1 day before the Opposition



23

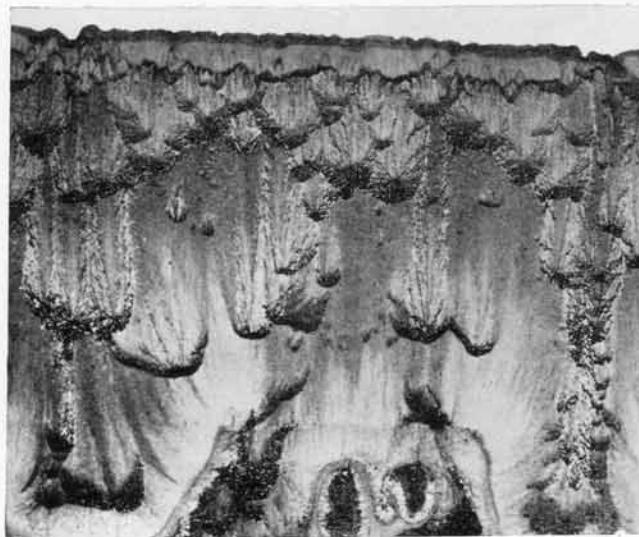
Während der Opposition
During the Opposition



24

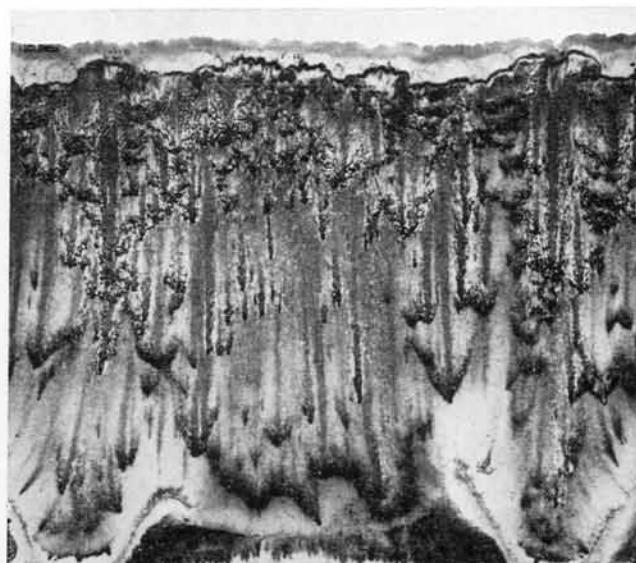
1 Tag nach der Opposition
1 day after the Opposition

Opposition Saturn-Mond, Oktober 1928
Opposition Saturn-Moon, October 1928



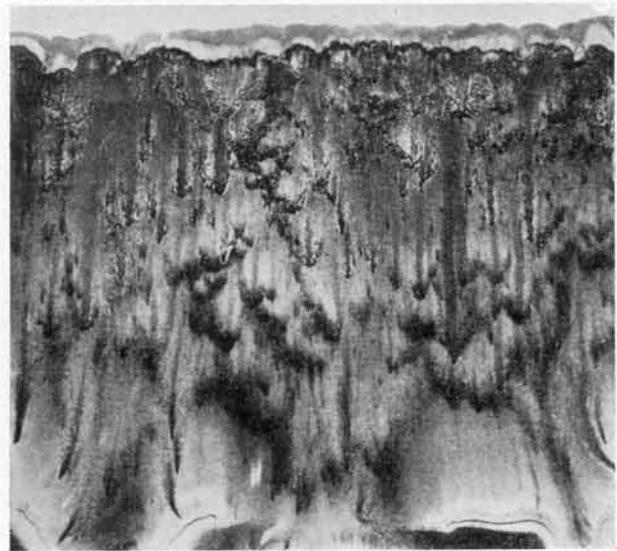
25

2 Stunden vor der Opposition
2 hours before the Opposition



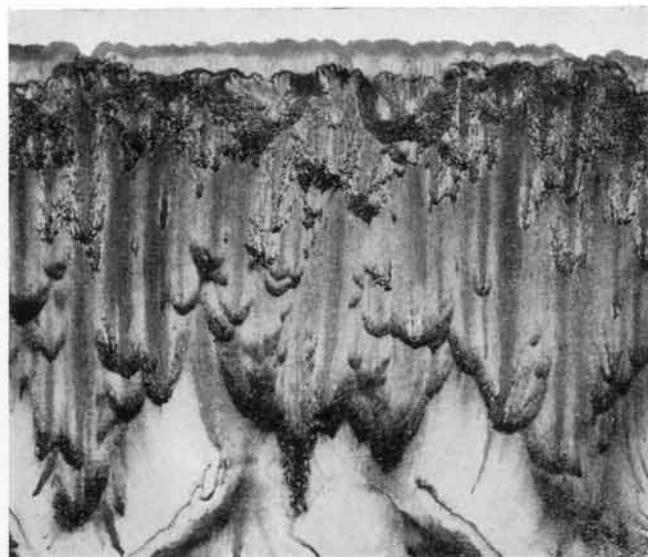
26

Während der Opposition
During the Opposition



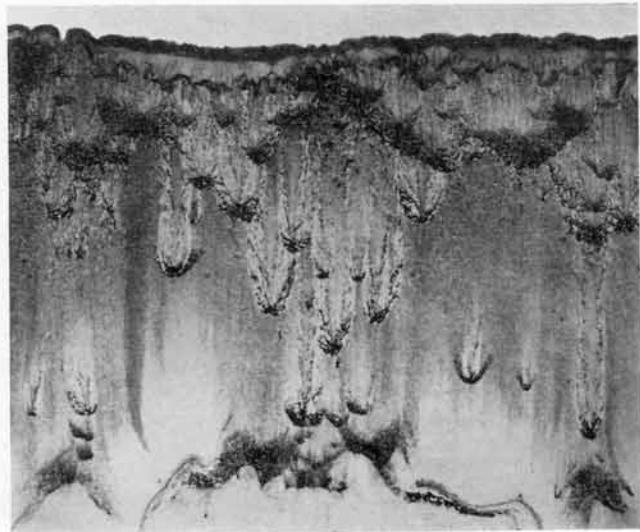
27

Während der Opposition
During the Opposition



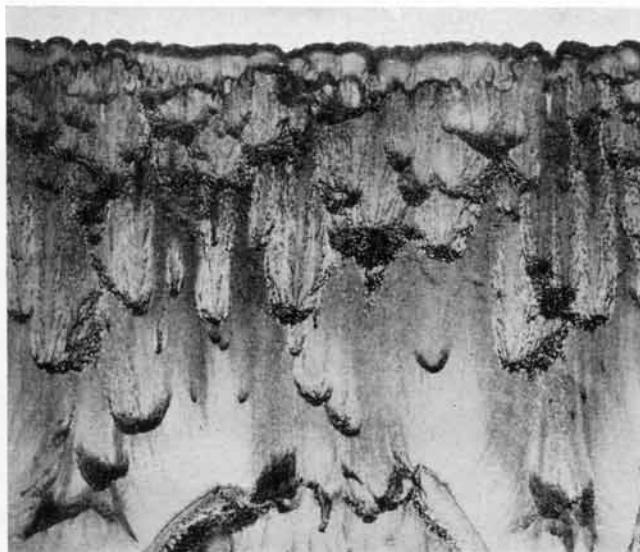
28

Während der Opposition
During the Opposition



29

1 Stunde nach der Opposition
1 hour after the Opposition



30

2 Stunden nach der Opposition
2 hours after the Opposition

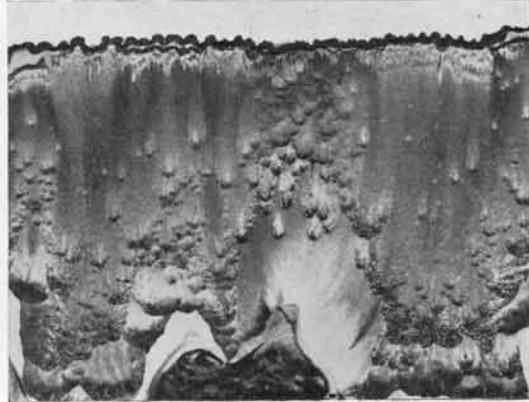
Opposition Saturn-Mond, November 1928

Opposition Saturn-Moon, November 1928



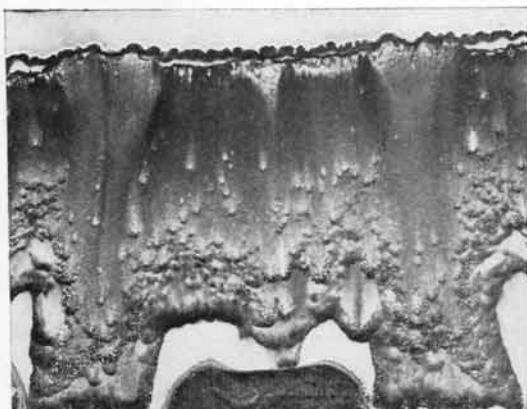
31

2 Stunden vor der Opposition
2 hours before the Opposition



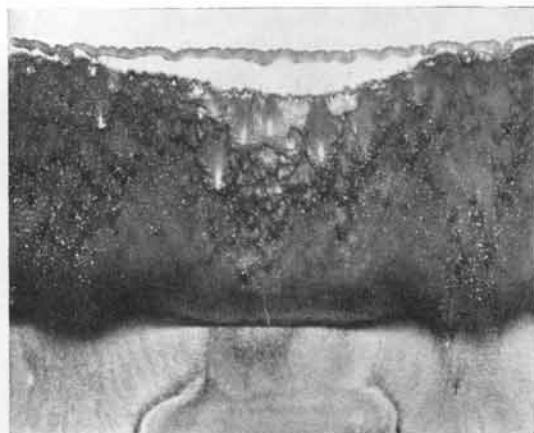
32

1 Stunde vor der Opposition
1 hour before the Opposition



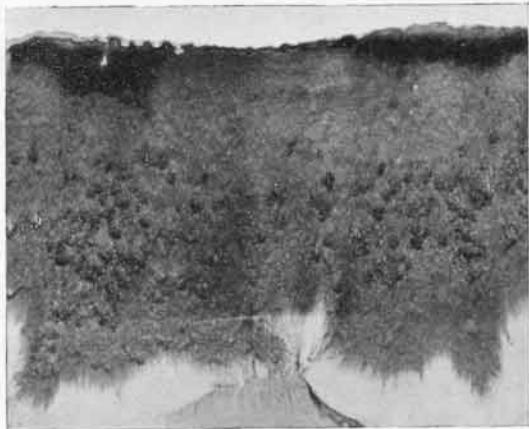
33

$\frac{1}{2}$ Stunde vor der Opposition
 $\frac{1}{2}$ hour before the Opposition



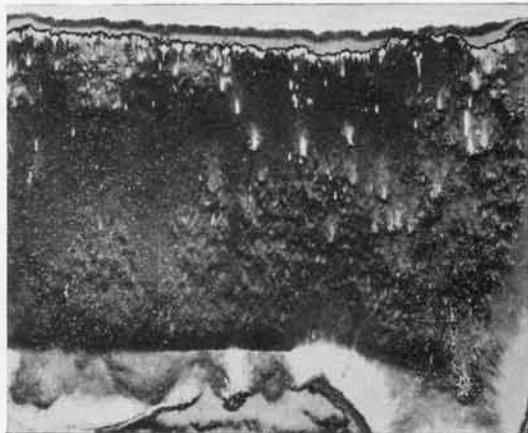
34

$\frac{1}{4}$ Stunde vor der Opposition
 $\frac{1}{4}$ of an hour before the Opposition



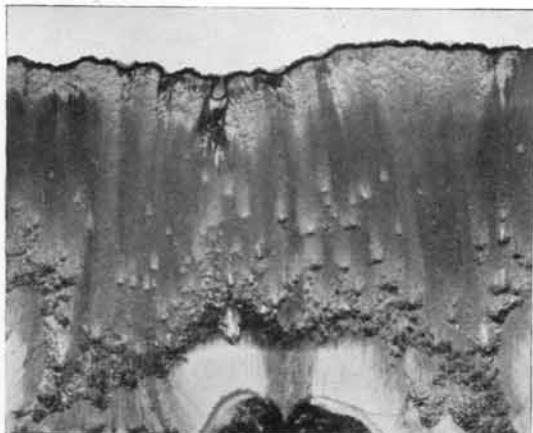
35

Während der Opposition
During the Opposition



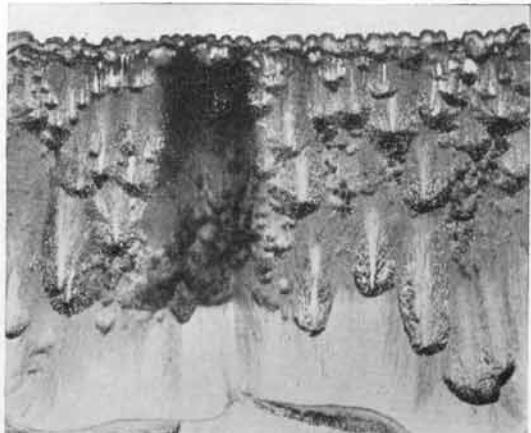
36

$\frac{1}{4}$ Stunde nach der Opposition
 $\frac{1}{4}$ of an hour after the Opposition



37

1 Stunde nach der Opposition
1 hour after the Opposition

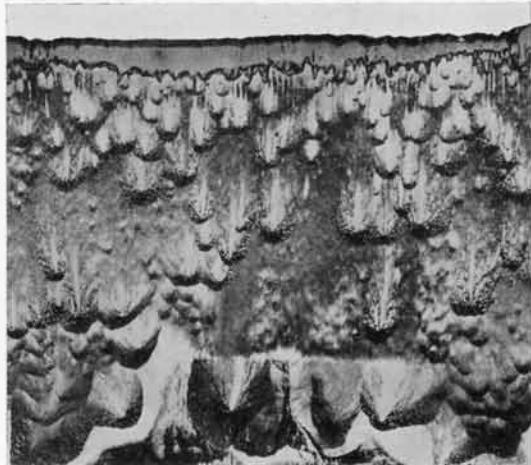


38

2 Stunden nach der Opposition
2 hours after the Opposition

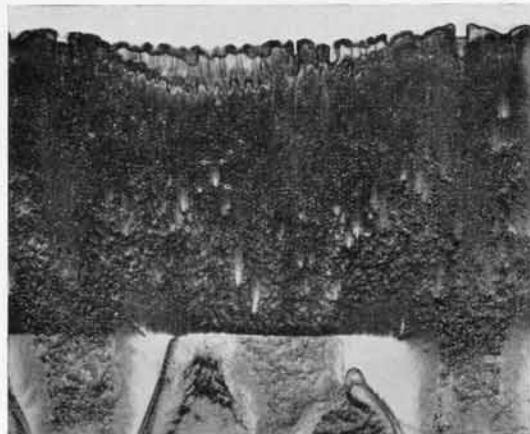
Konjunktion Saturn-Mond, November 1928

Conjunction Saturn-Moon, November 1928



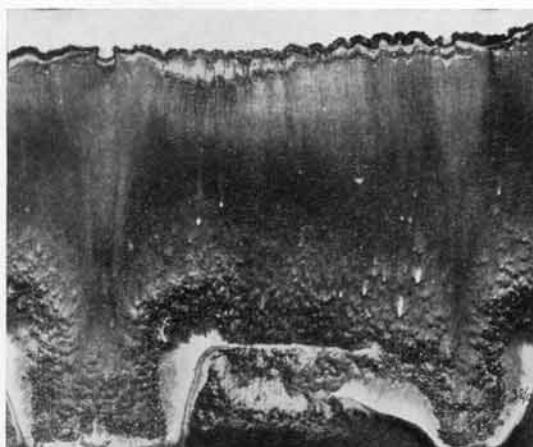
39

2 Stunden vor der Konjunktion
2 hours before the Conjunction



40

1 Stunde vor der Konjunktion
1 hour before the Conjunction



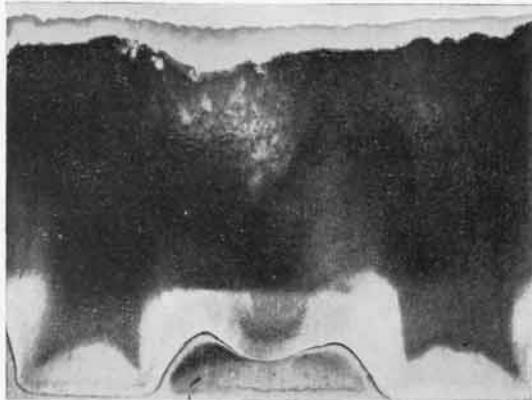
41

$\frac{1}{2}$ Stunde vor der Konjunktion
 $\frac{1}{2}$ hour before the Conjunction



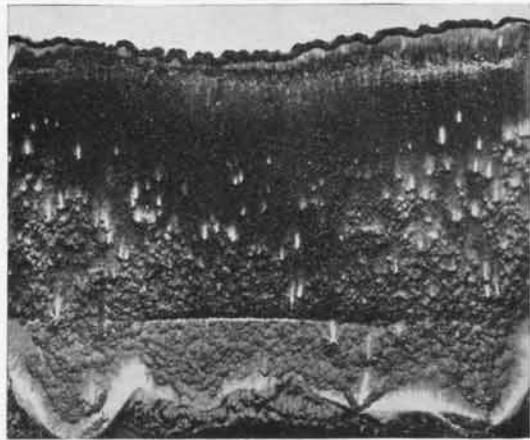
42

$\frac{1}{4}$ Stunde vor der Konjunktion
 $\frac{1}{4}$ of an hour before the Conjunction



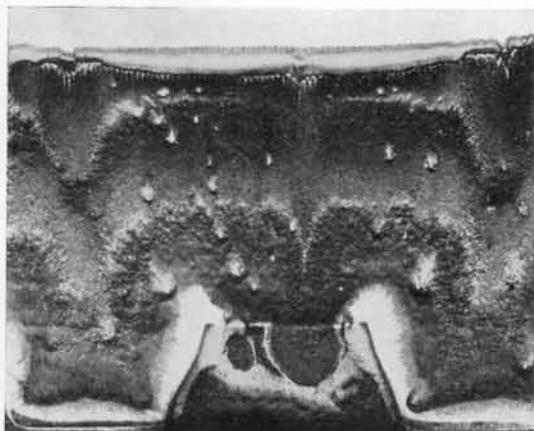
43

Während der Konjunktion
During the Conjunction



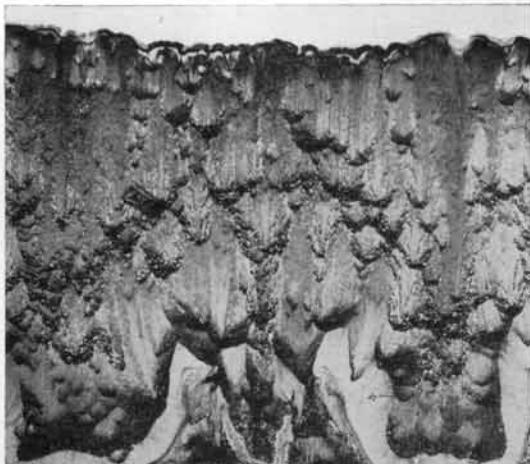
44

$\frac{1}{4}$ Stunde nach der Konjunktion
 $\frac{1}{4}$ of an hour after the Conjunction



45

1 Stunde nach der Konjunktion
1 hour after the Conjunction

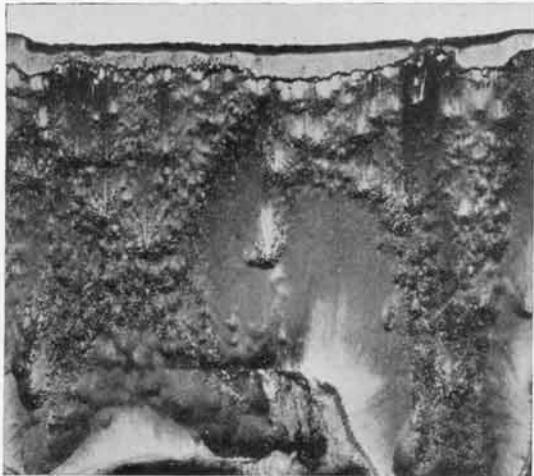


46

2 Stunden nach der Konjunktion
2 hours after the Conjunction

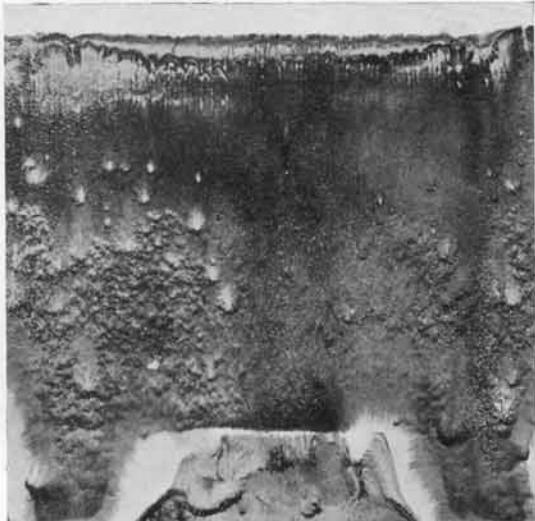
Konjunktion Saturn-Mond, November 1931

Conjunction Saturn-Moon, November 1931



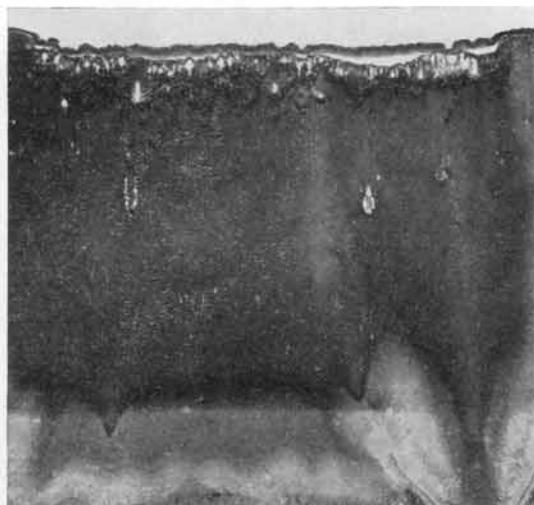
47

1 Stunde vor der Konjunktion
1 hour before the Conjunction



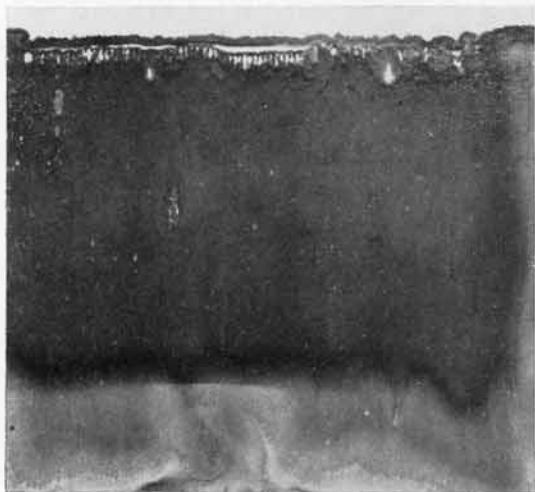
48

$\frac{1}{2}$ Stunde vor der Konjunktion
 $\frac{1}{2}$ hour before the Conjunction



49

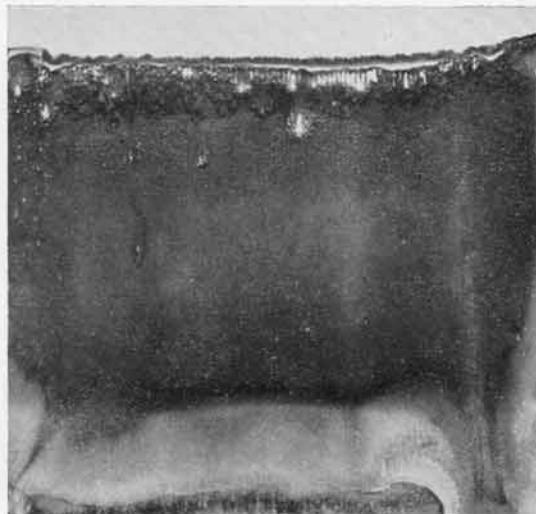
Während der Konjunktion
During the Conjunction



50

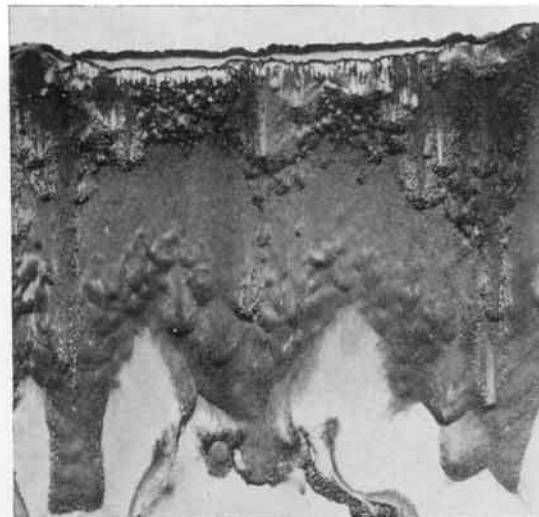
Kontrollversuch in der Dunkelkammer
während der Konjunktion

Control experiment in the Darkroom
during the Conjunction



51

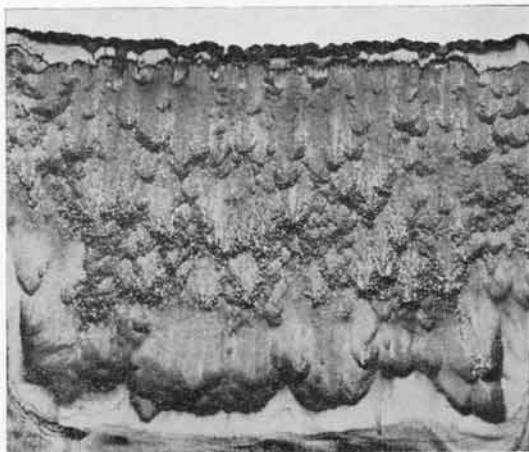
5 Minuten später
5 Minutes later



52

1 Stunde nach der Konjunktion
1 hour after the Conjunction

Opposition Saturn-Mond, April 1932
Opposition Saturn-Moon, April 1932



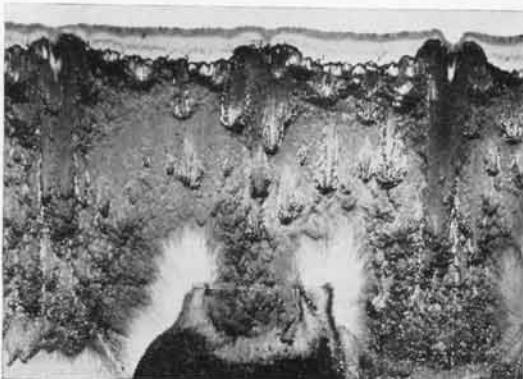
53
1 Stunde vor der Opposition
1 hour before the Opposition



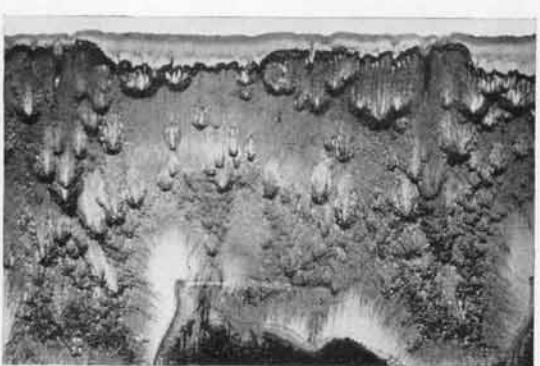
54
 $\frac{1}{2}$ Stunde vor der Opposition
 $\frac{1}{2}$ hour before the Opposition



55
Während der Opposition
During the Opposition



56
 $\frac{1}{2}$ Stunde nach der Opposition
 $\frac{1}{2}$ hour after the Opposition



57
1 Stunde nach der Opposition
1 hour after the Opposition

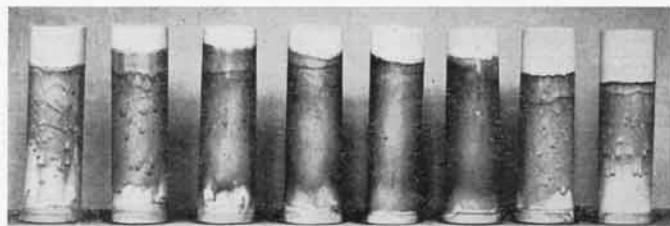


58

Vergroßerter Ausschnitt aus Abb. 55

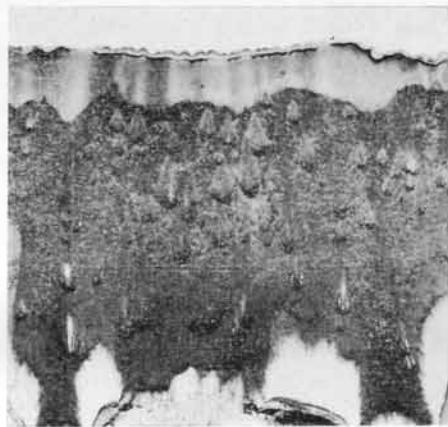
Enlarged details referring to Fig. 55

Konjunktion Saturn-Mars, 17. Januar 1934
Conjunction Saturn-Mars, 17th January 1934



59

Übersichtsbild einer Versuchsserie
Complete series standing on the table



60

1 Stunde vor der Konjunktion
1 hour before the Conjunction

61

$\frac{1}{2}$ Stunde vor der Konjunktion
 $\frac{1}{2}$ hour before the Conjunction



62

10 Minuten vor der Konjunktion
10 Minutes before the Conjunction

63

Während der Konjunktion
During the Conjunction



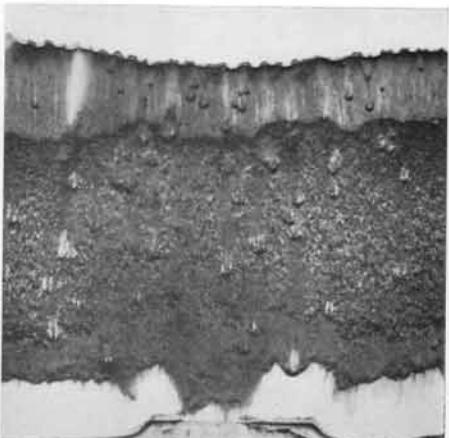
64

Während der Konjunktion
During the Conjunction



65

Während der Konjunktion
During the Conjunction



66

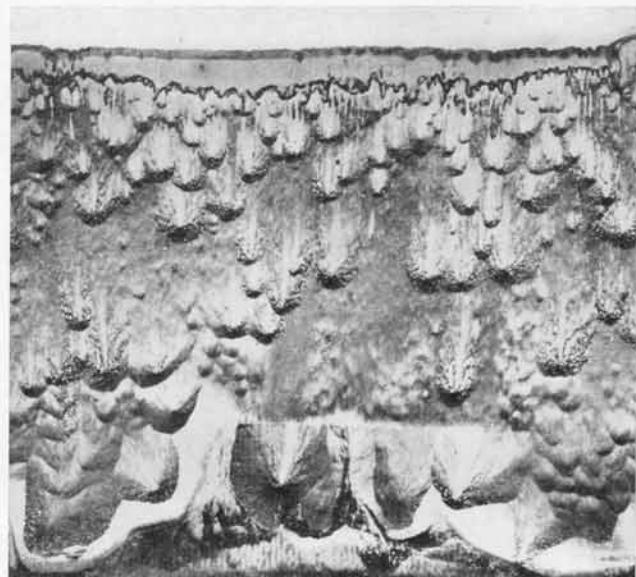
$\frac{1}{2}$ Stunde nach der Konjunktion
 $\frac{1}{2}$ hour after the Conjunction



67

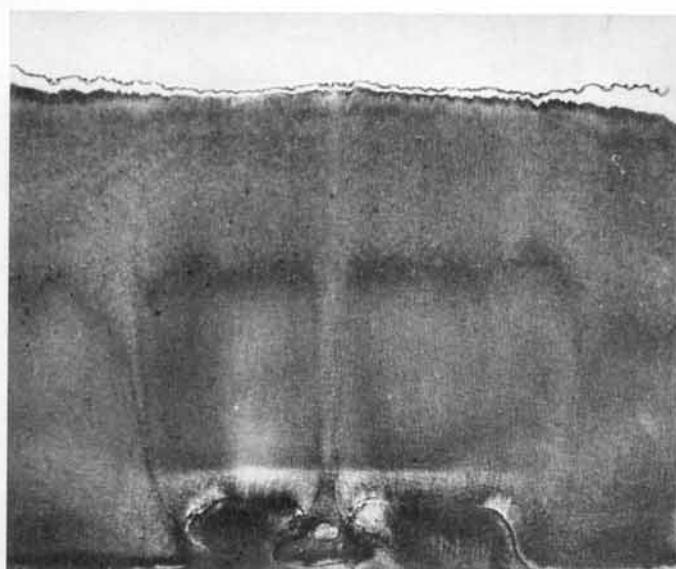
1 Stunde nach der Konjunktion
1 hour after the Conjunction

Konjunktion Saturn-Venus, 28. Januar 1934*
Conjunction Saturn-Venus, 28th January 1934



68

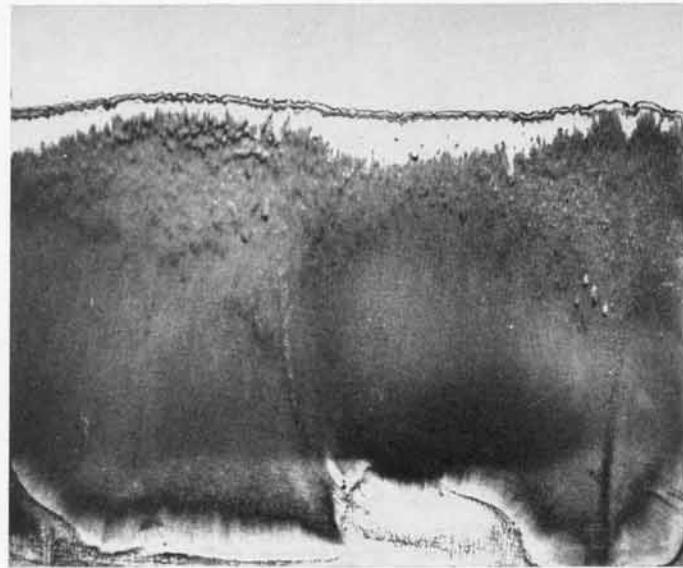
1 Stunde vor der Konjunktion
1 hour before the Conjunction



69

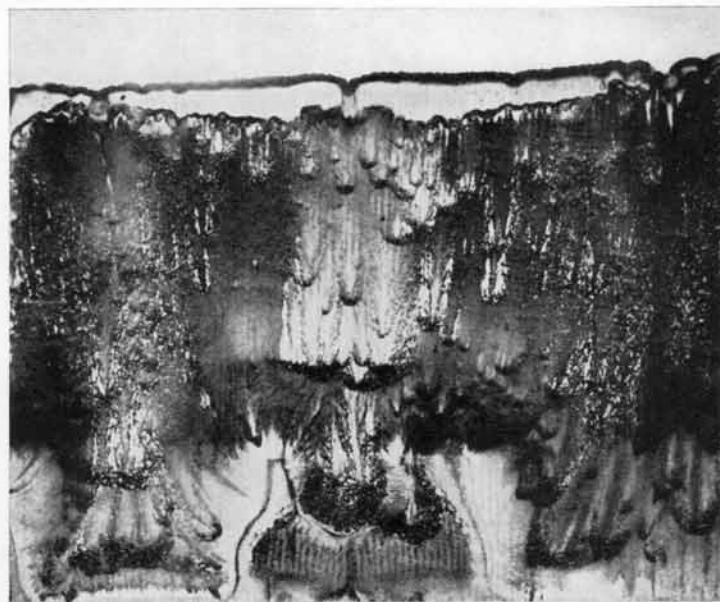
Während der Konjunktion
During the Conjunction

* Siehe „Mitteilungen des Biologischen Institutes am Goetheanum“, Nr. 2, Stuttgart 1934



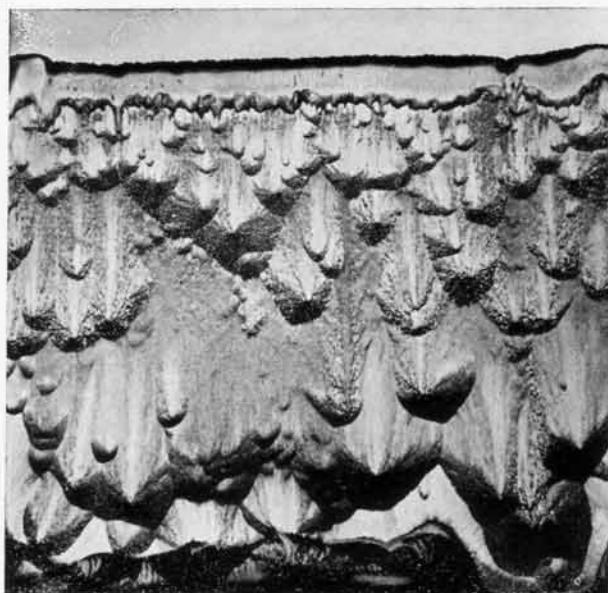
70

10 Minuten nach der Konjunktion
10 Minutes after the Conjunction



71

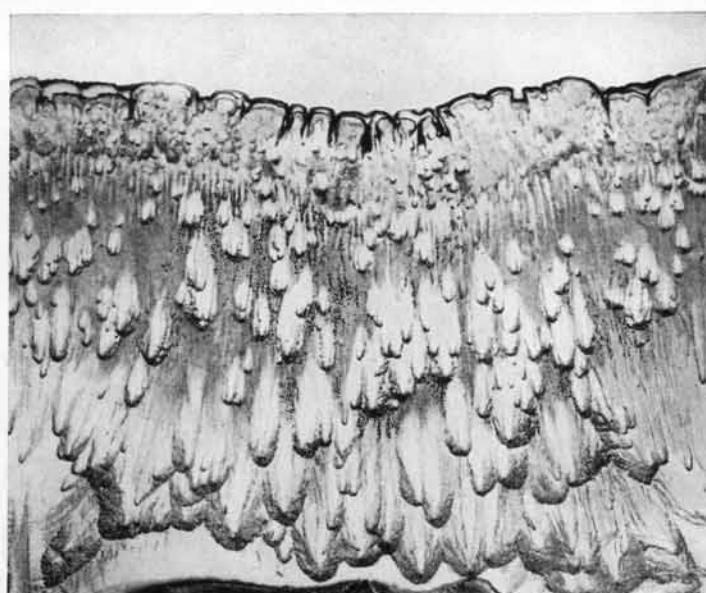
$\frac{1}{2}$ Stunde nach der Konjunktion
 $\frac{1}{2}$ hour after the Conjunction



72

2 Stunden nach der Konjunktion

2 hours after the Conjunction

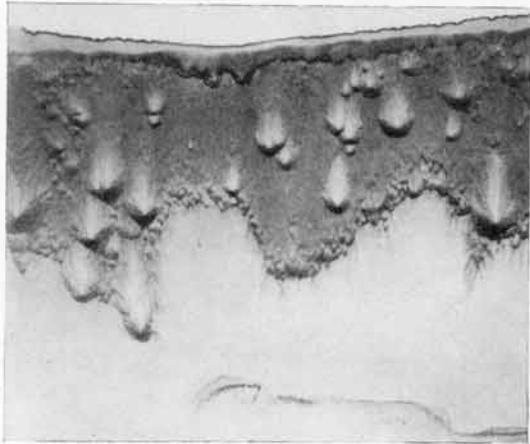


73

Kontrollversuch mit Silber-Eisen während der Konjunktion

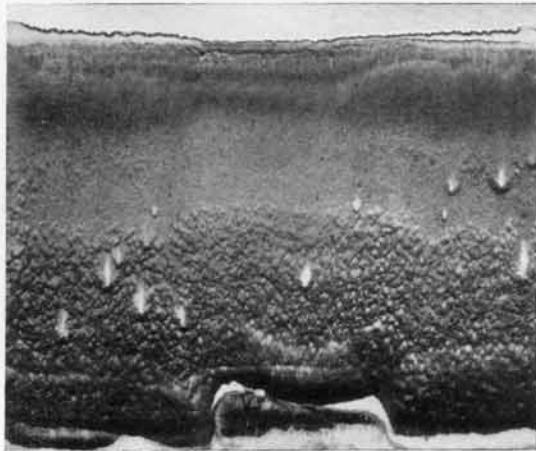
Control experiment with Silver-Iron during the Conjunction

Konjunktion Saturn-Merkur, 30. Januar 1934
Conjunction Saturn-Mercury, 30th January 1934



74

2 Stunden vor der Konjunktion
2 hours before the Conjunction



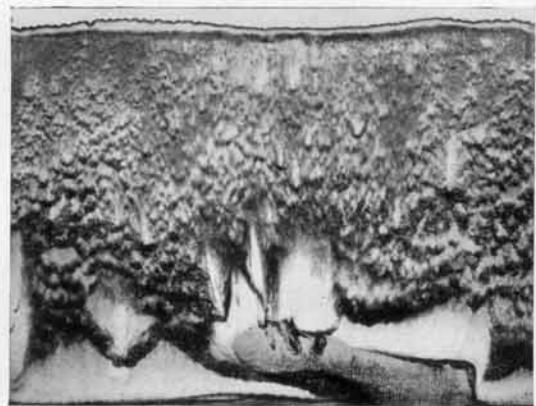
75

$\frac{1}{2}$ Stunde vor der Konjunktion
 $\frac{1}{2}$ hour before the Conjunction



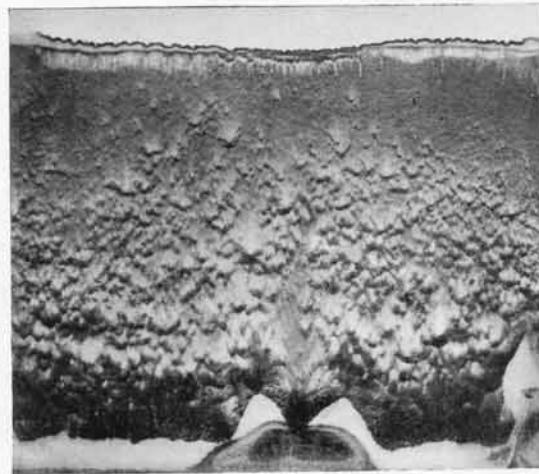
76

Während der Konjunktion
During the Conjunction



77

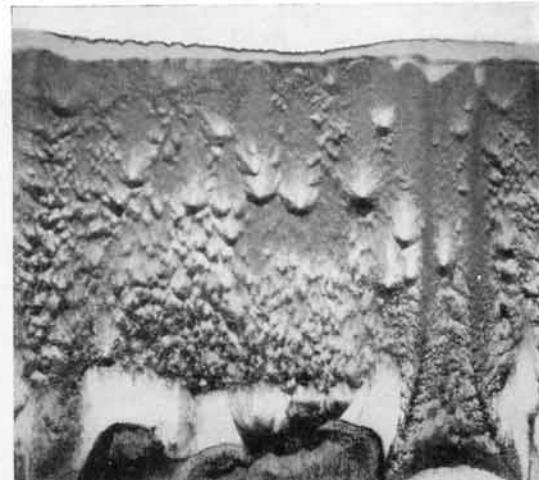
1 Stunde nach der Konjunktion
1 hour after the Conjunction



78

2 Stunden nach der Konjunktion

2 hours after the Conjunction



79

4 Stunden nach der Konjunktion

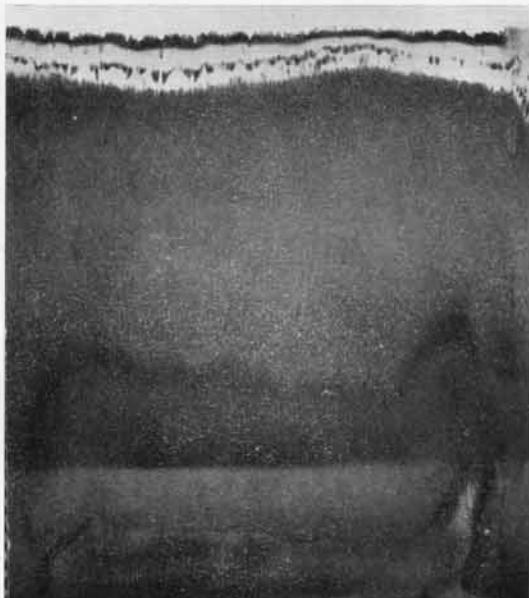
4 hours after the Conjunction

Opposition Saturn-Mond, 31. Januar 1934
Opposition Saturn-Moon, 31st January 1934



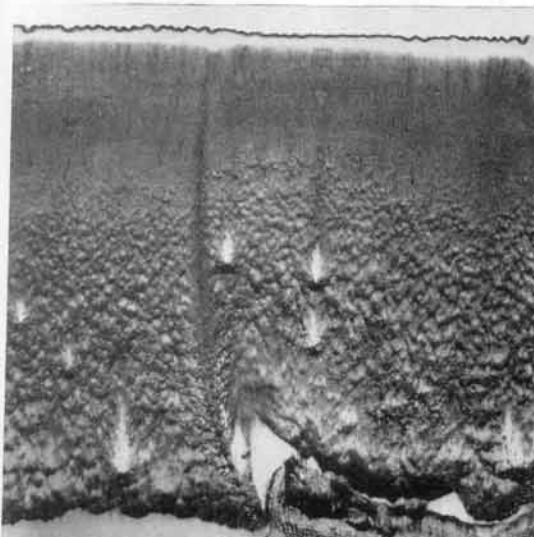
80

1 Stunde vor der Opposition
1 hour before the Opposition



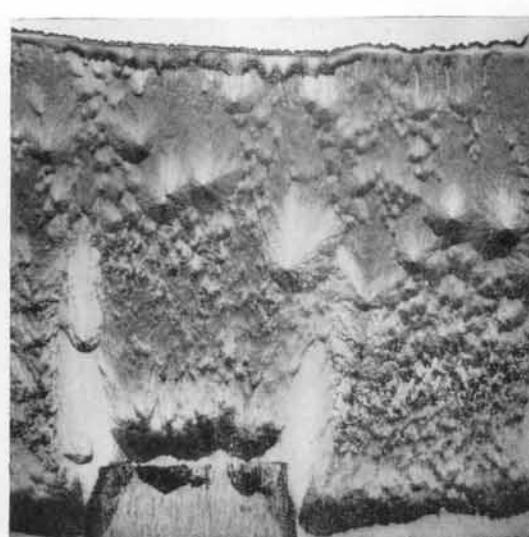
81

Während der Opposition
During the Opposition



82

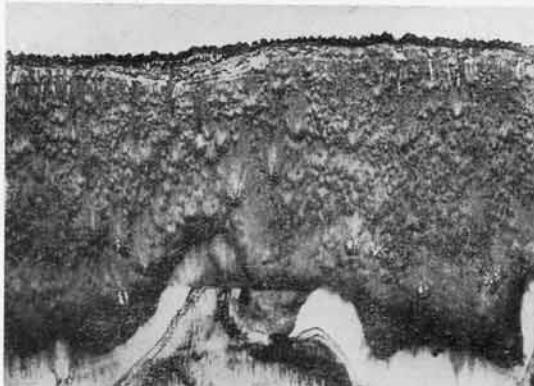
1 Stunde nach der Opposition
1 hour after the Opposition



83

12 Stunden nach der Opposition
12 hours after the Opposition

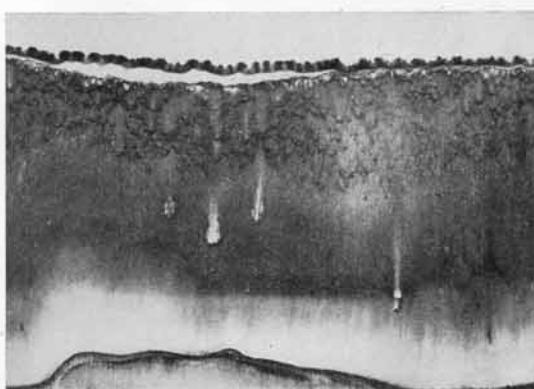
Konjunktion Saturn-Mars, Januar 1936
Conjunction Saturn-Mars, January 1936



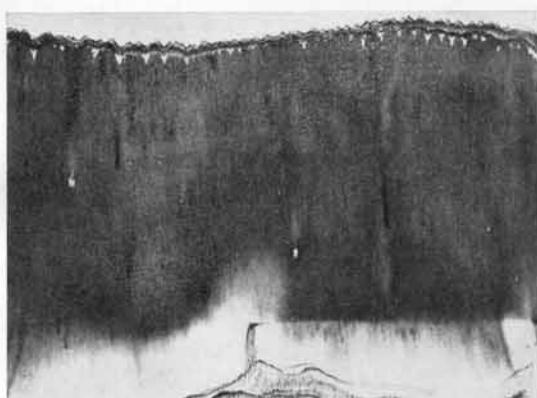
84
1 Stunde vor der Konjunktion
1 hour before the Conjunction



85
 $\frac{1}{2}$ Stunde vor der Konjunktion
 $\frac{1}{2}$ hour before the Conjunction



86
 $\frac{1}{4}$ Stunde vor der Konjunktion
 $\frac{1}{4}$ hour before the Conjunction



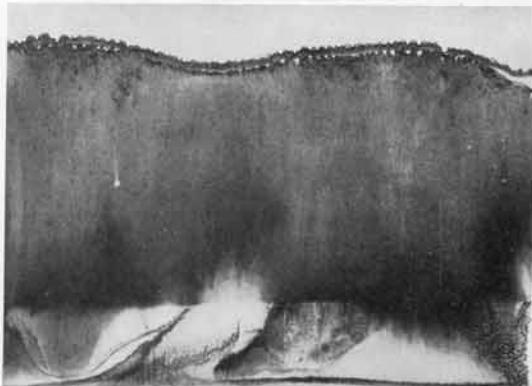
87
Während der Konjunktion
During the Conjunction



88
Während der Konjunktion
During the Conjunction

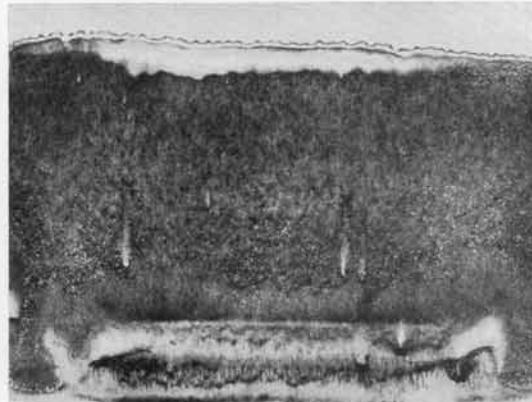


89
Während der Konjunktion
During the Conjunction



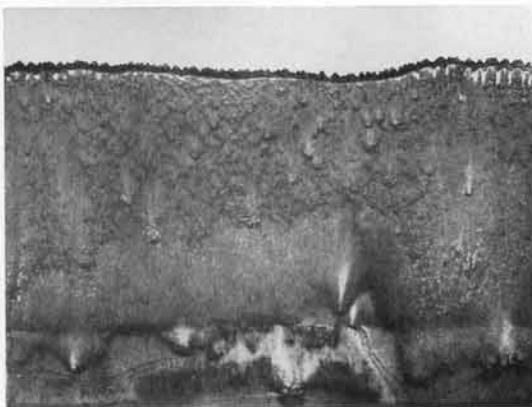
90

Während der Konjunktion
During the Conjunction



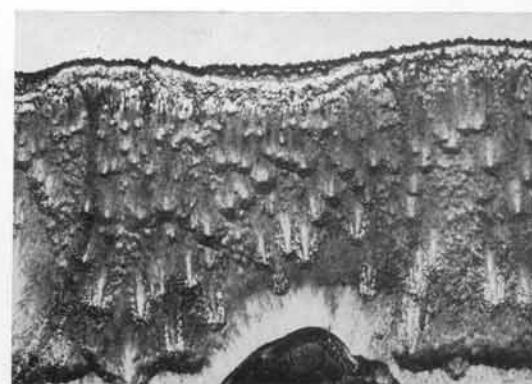
91

$\frac{1}{4}$ Stunde nach der Konjunktion
 $\frac{1}{4}$ of an hour after the Conjunction



92

$\frac{1}{2}$ Stunde nach der Konjunktion
 $\frac{1}{2}$ hour after the Conjunction



93

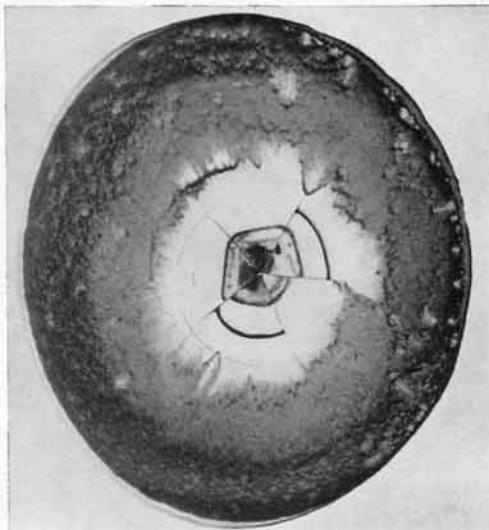
1 Stunde nach der Konjunktion
1 hour after the Conjunction

Silber-Eisen-Blei Experimente bei Verwendung einer anderen Versuchsanordnung.
Ausbreiten der Lösungen in der Horizontalen.

Konjunktion Saturn-Mars, Januar 1936

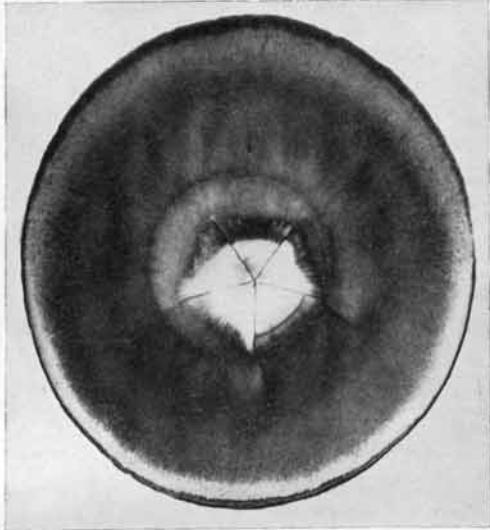
Silver-Iron-Lead experiments with a different technic. The solutions are allowed to spread horizontally in contradistinction to the vertical direction used so far.

Conjunction Saturn-Mars, January 1936



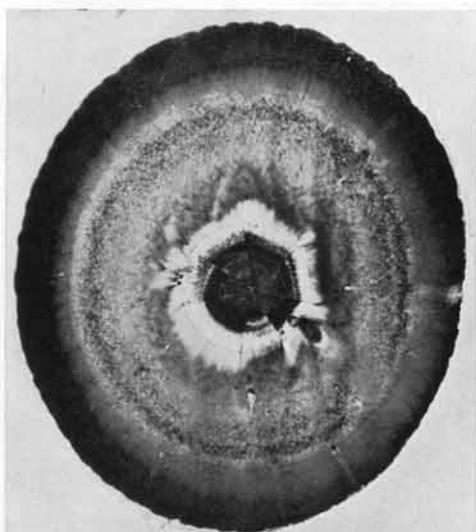
94

$\frac{1}{2}$ Stunde vor der Konjunktion
 $\frac{1}{2}$ hour before the Conjunction



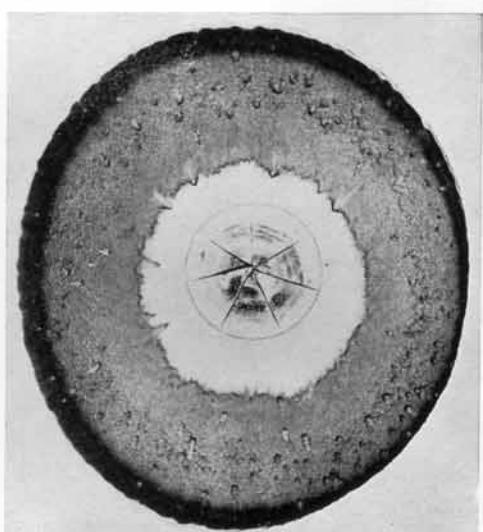
95

Während der Konjunktion
During the Conjunction



96

$\frac{1}{2}$ Stunde nach der Konjunktion
 $\frac{1}{2}$ hour after the Conjunction

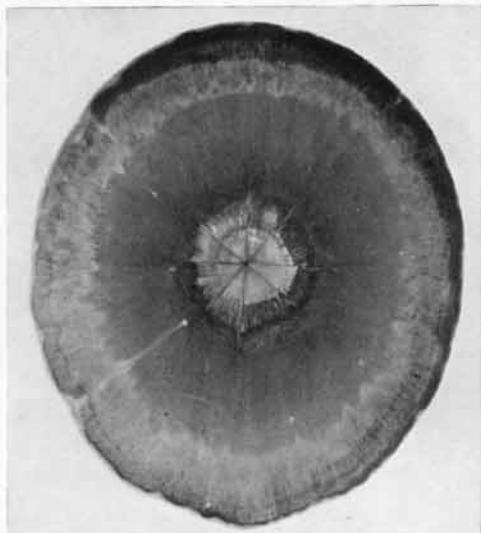


97

2 Stunden nach der Konjunktion
2 hours after the Conjunction

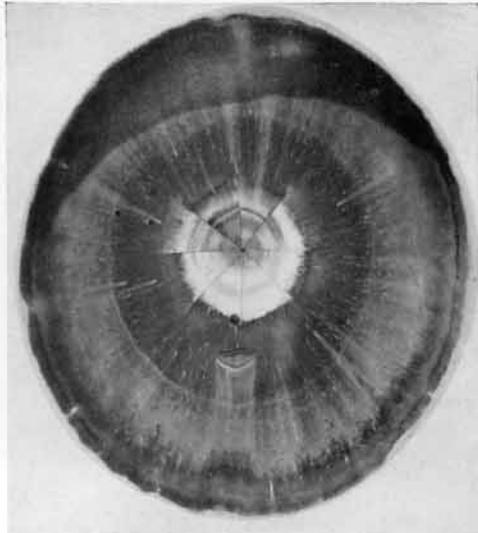
**Experimente die hinführen zur I. „Großen Konjunktion“ zwischen Saturn und Jupiter
im August 1940**

**Experiments leading to the 1st "Great Conjunction" between Saturn and Jupiter,
August 1940**



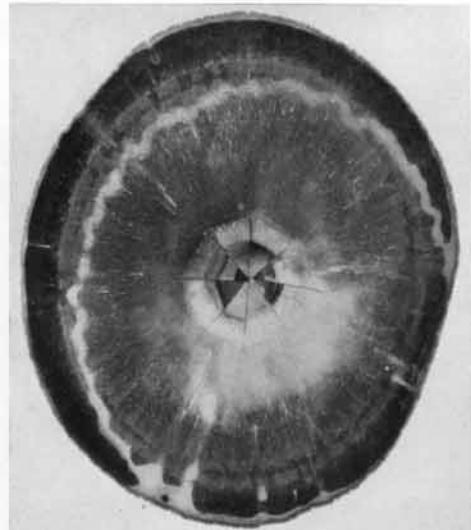
98

4. August 1940, Konjunktion Mars-Mond
4th August 1940, Conjunction Mars-Moon



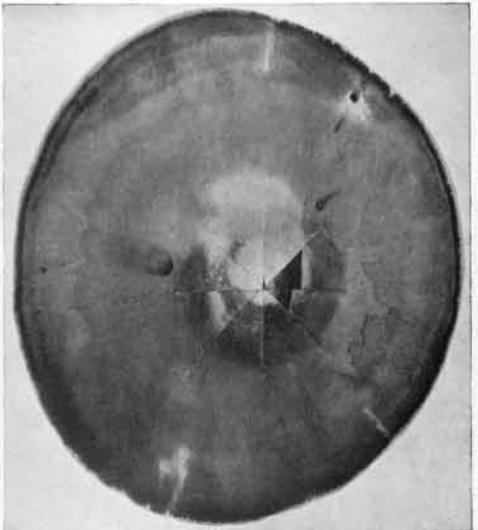
99

8. Aug. 1940, $\frac{1}{2}$ Stunde vor der Konjunktion Saturn-Jupiter
 $\frac{1}{2}$ an hour before the Conjunction Saturn-Jupiter



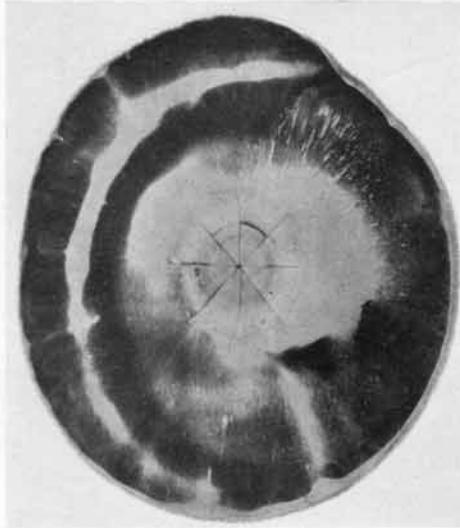
100

8. August 1940
 $\frac{1}{4}$ Stunde vor der Konjunktion Saturn-Jupiter
8th August 1940
 $\frac{1}{4}$ of an hour before the Conjunction Saturn-Jupiter



101

8. August 1940
Die I. „Große Konjunktion“
8th August 1940
The first „Great Conjunction“



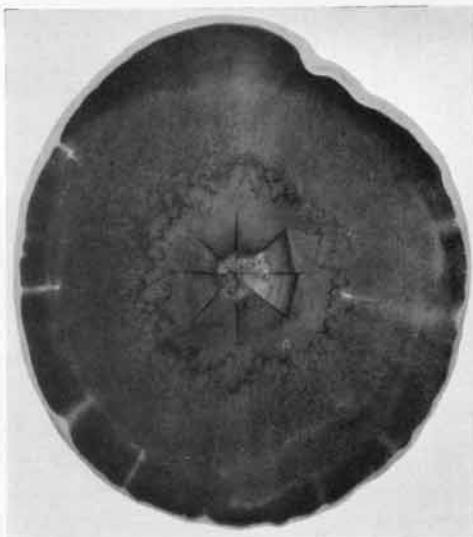
102

8. August 1940, $\frac{1}{4}$ Stunde nachher
8th August 1940, $\frac{1}{4}$ of an hour later



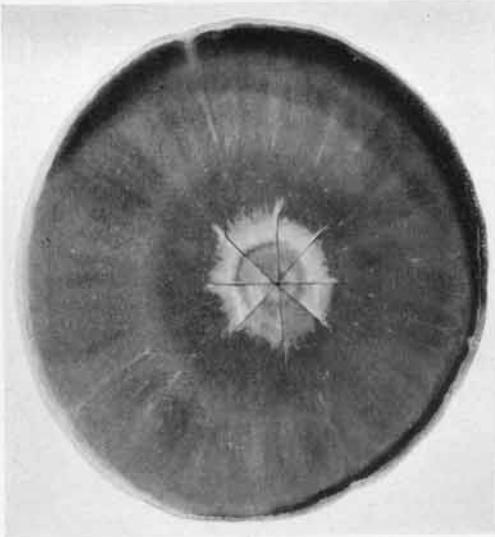
103

8. August 1940, $\frac{1}{2}$ Stunde nachher
8th August 1940, $\frac{1}{2}$ hour later



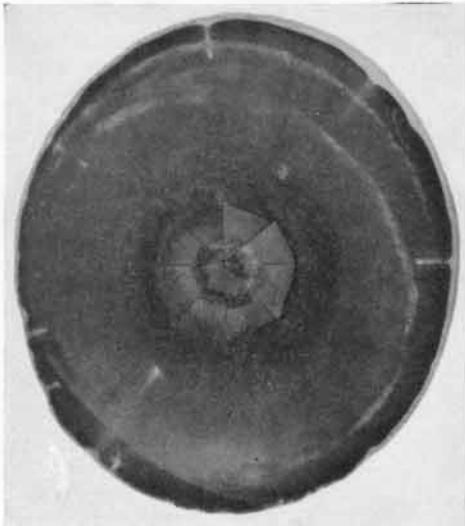
104

8. August 1940, 2 Stunden nachher
8th August 1940, 2 hours later



105

2 Tage nachher (10. August 1940)
Mond-Opposition zu Jupiter und Saturn
2 days after the Opposition (10th August 1940)
the Moon comes in Opposition
to Saturn-Jupiter



106

10. August 1940
2 Stunden nach der Opposition Mond-Saturn-Jupiter
2 hours after the Opposition Moon-Saturn-Jupiter



107

18. August
Opposition Mars-Mond
Opposition Mars-Moon



108

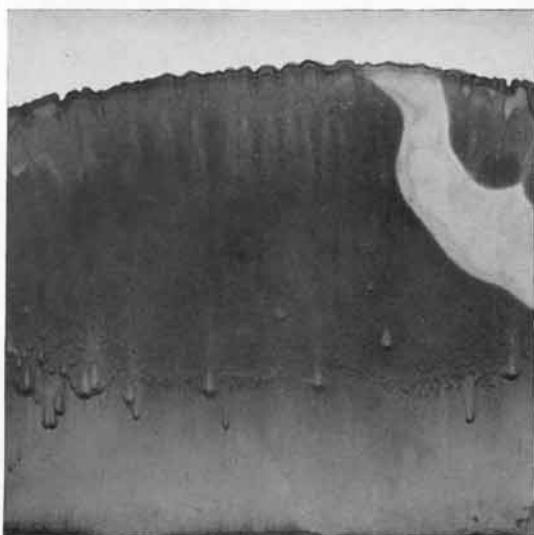
18. August
5 Stunden nach der Opposition
5 hours after the Opposition

Experimente mit Silbernitrat-Eisensulfat während der Mars-Mond-Opposition

Experiments with Silvernitrate-Ironsulfate during the Opposition Mars-Moon

Zwei zu gleicher Zeit ausgeführte Versuche mit Silber-Eisen, aber nach verschiedenen
Himmelsrichtungen zentriert

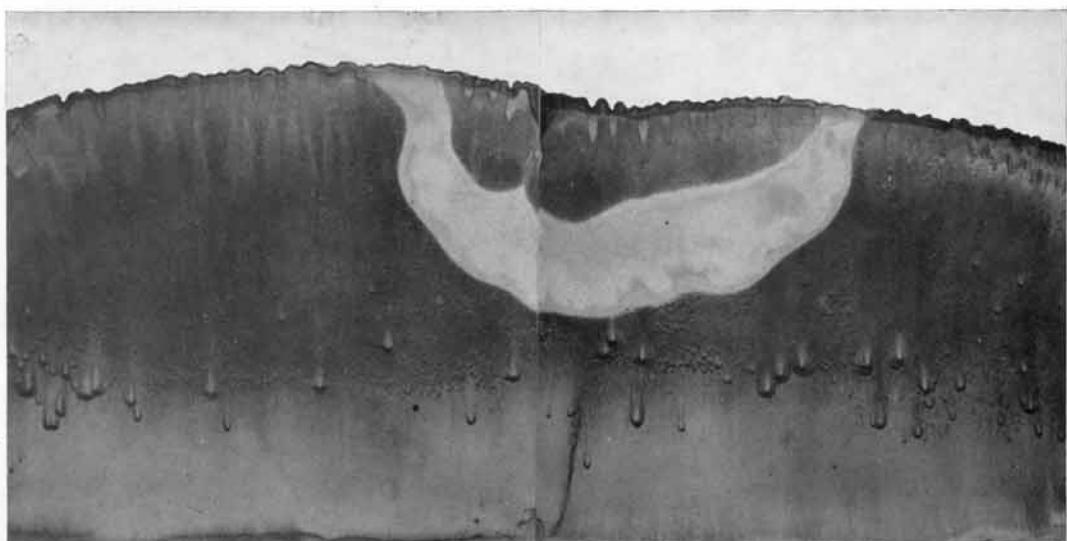
Two experiments with Silver-Iron carried out simultaneously, but centred in different directions



109
18. August 1940



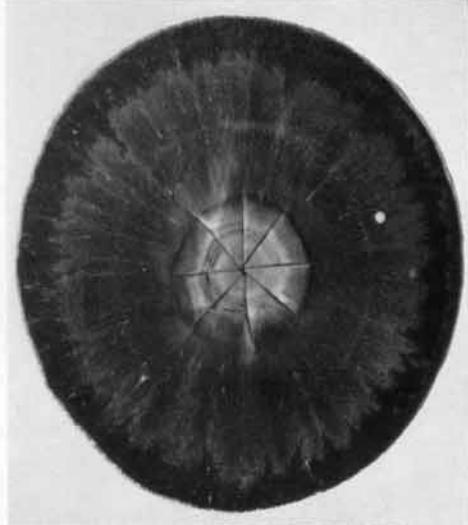
110
18. August 1940



111
Obige Versuche nahe aneinandergerückt
Above experiments joined together

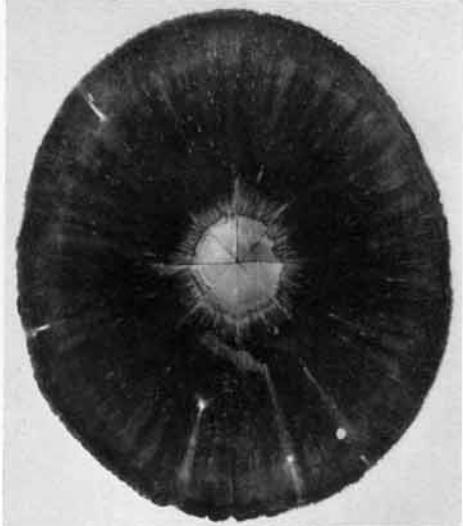
24. August 1940

Der Mond kommt in Konjunktion mit Saturn und unmittelbar darnach in Konjunktion mit Jupiter
The Moon comes into conjunction with Saturn and immediately after in conjunction with Jupiter



112

2 Stunden vor der Konjunktion Mond-Saturn
2 hours before the Conjunction Saturn-Moon



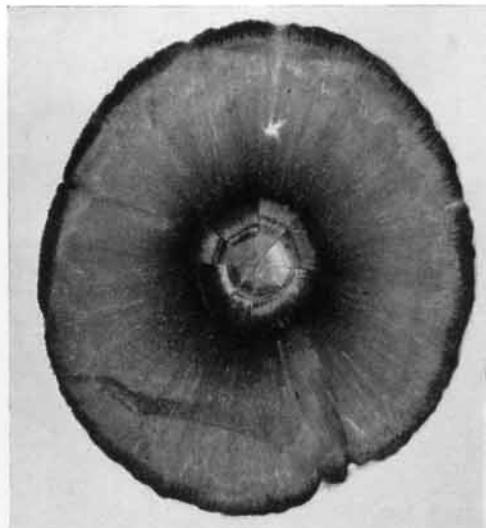
113

1 Stunde vorher
1 hour before



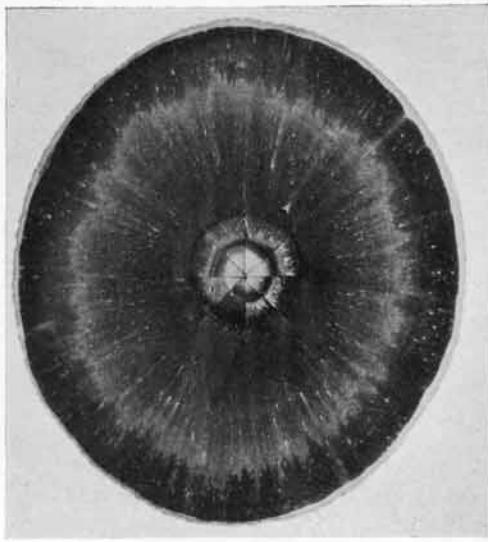
114

Während der Konjunktion Saturn-Mond
During the Conjunction Saturn-Moon



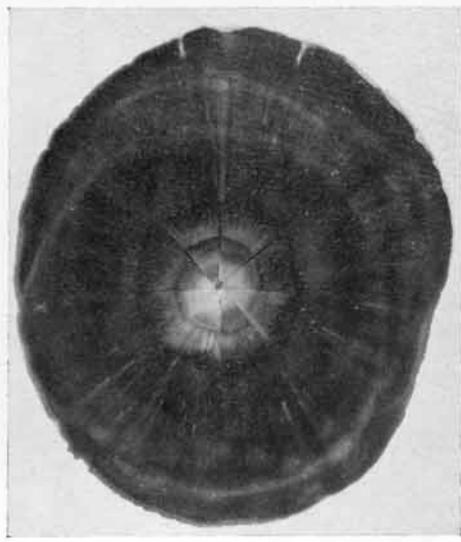
115

Während der Konjunktion Jupiter-Mond
During the Conjunction Jupiter-Moon



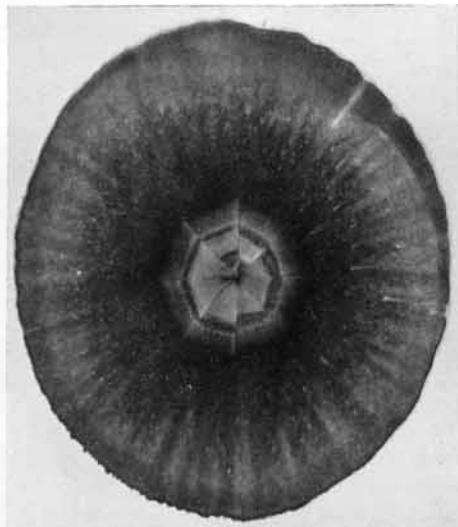
116

30. August 1940
Konjunktion Mars-Sonne
Conjunction Mars-Sun



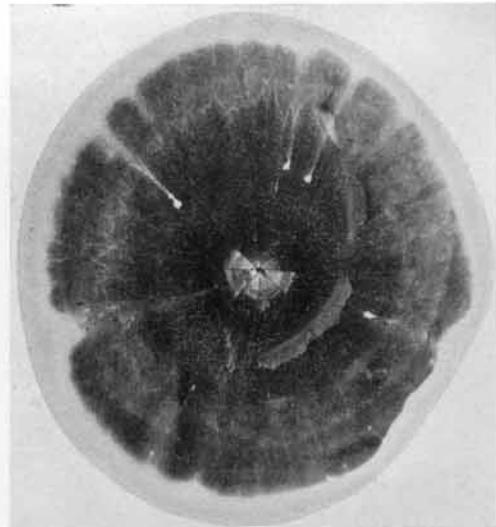
117

6. September 1940
Opposition Saturn-Mond
Opposition Saturn-Moon



118

6. September 1940
2 Stunden nach der Opposition
2 hours after the Opposition

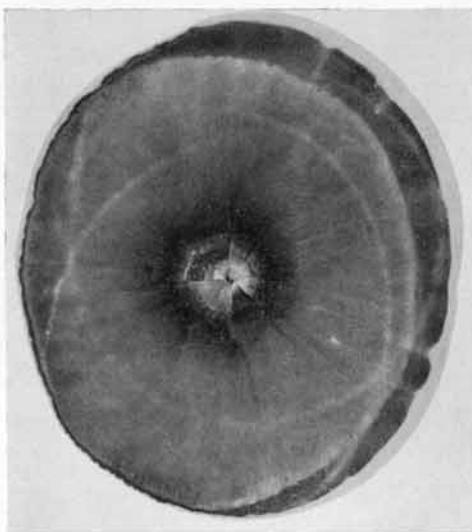


119

16. September 1940
Opposition Mars-Mond
Opposition Mars-Moon

Experimente die zur II. Konjunktion hinführen, Oktober 1940

Experiments leading to the IInd Conjunction, October 1940



120

20. September 1940
'Konjunktion Saturn-Mond
Conjunction Saturn-Moon



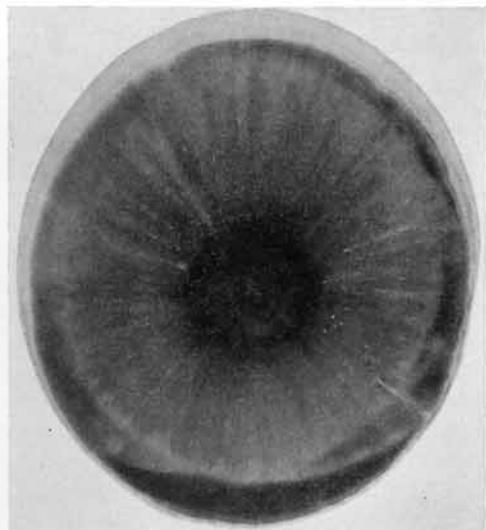
121

3. Oktober 1940
Opposition Saturn-Mond
Opposition Saturn-Moon



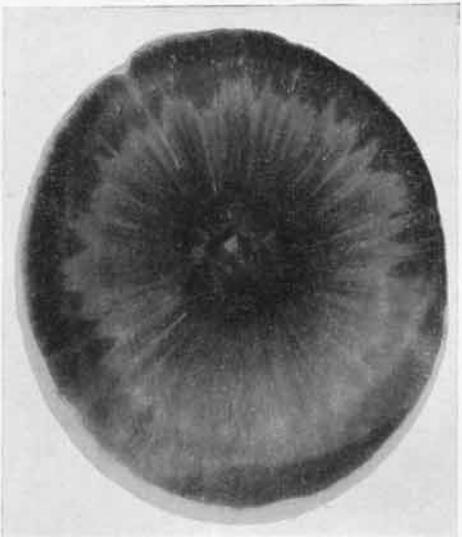
122

3. Oktober 1940
Opposition Jupiter-Mond
Opposition Jupiter-Moon



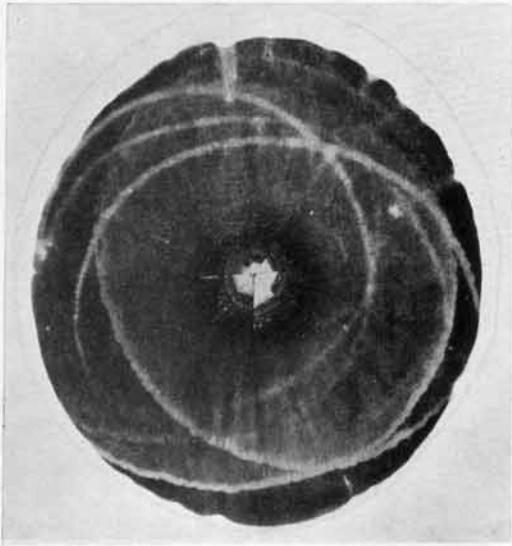
123

18. Oktober 1940
Konjunktion Jupiter-Saturn mit dem Mond
Conjunction Jupiter-Saturn with the Moon



124

12 Stunden nach der Konjunktion Jupiter-Saturn-Mond
12 hours after the Conjunction Jupiter-Saturn-Moon



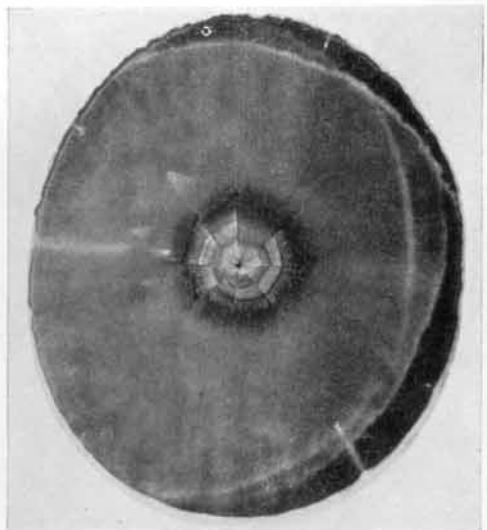
125

II. „Große Konjunktion“ Saturn-Jupiter
II. "Great Conjunction" Saturn-Jupiter



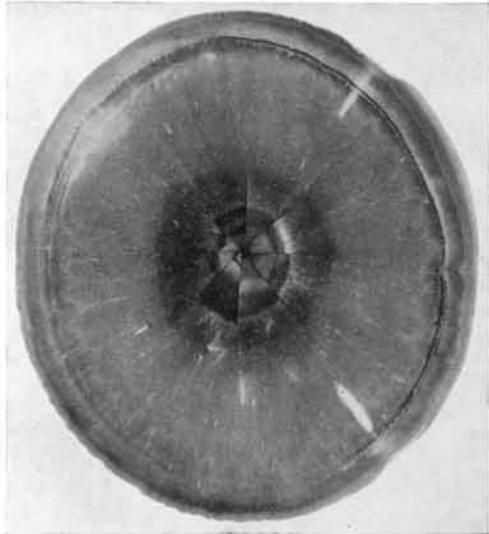
126

4 Stunden später
4 hours later



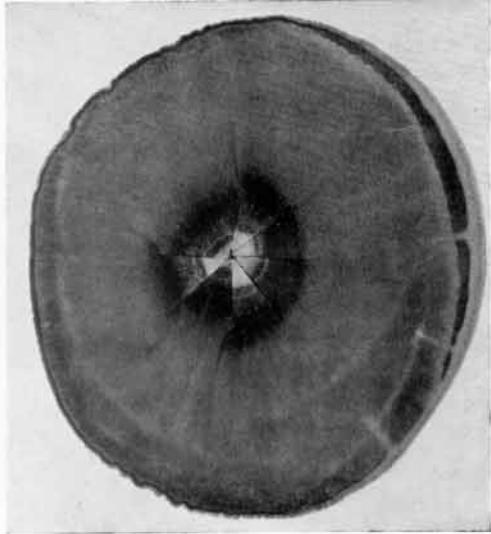
127

12 Stunden später
12 hours later



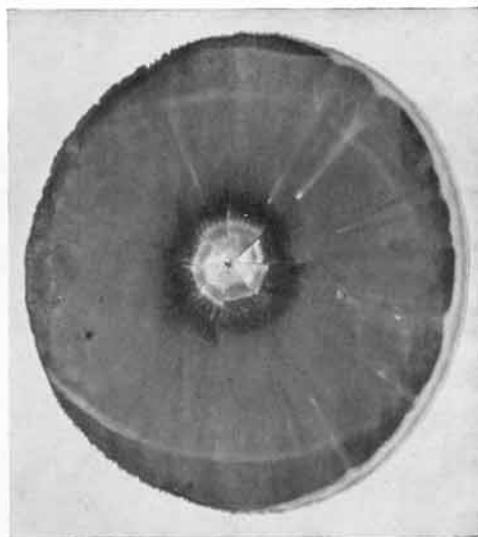
128

24 Stunden später
24 hours later



129

31. Oktober 1940
Opposition Saturn-Mond
Opposition Saturn-Moon



130

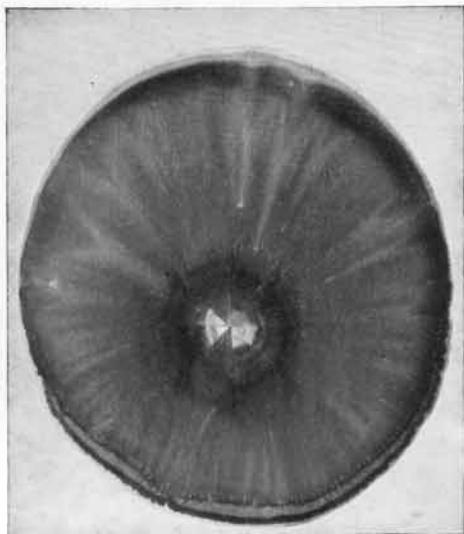
31. Oktober 1940
Opposition Jupiter-Mond
Opposition Jupiter-Moon

Experimente die zur III. Konjunktion hinführen, Februar 1941
Experiments leading to the IIIrd Conjunction, February 1941



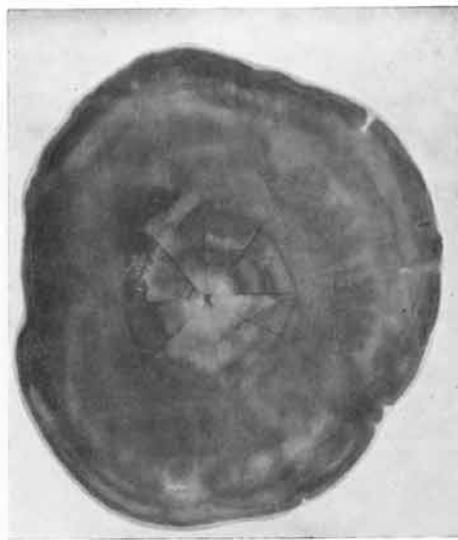
131

3. Februar 1941
Konjunktion Jupiter-Mond
Conjunction Jupiter-Moon



132

3. Februar 1941
Konjunktion Saturn-Mond
Conjunction Saturn-Moon



133

15. Februar 1941
III. „Große Konjunktion“
IIIrd "Great Conjunction"



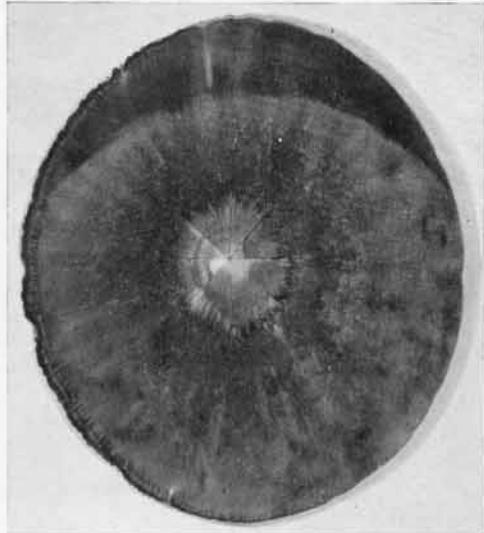
134

15. Februar 1941
3 Stunden später
3 hours later



135

6 Stunden nachher
6 hours later



136

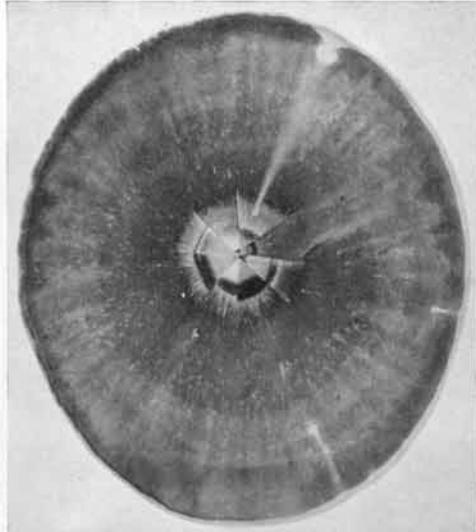
12 Stunden nachher
12 hours later



137

17. Februar 1941

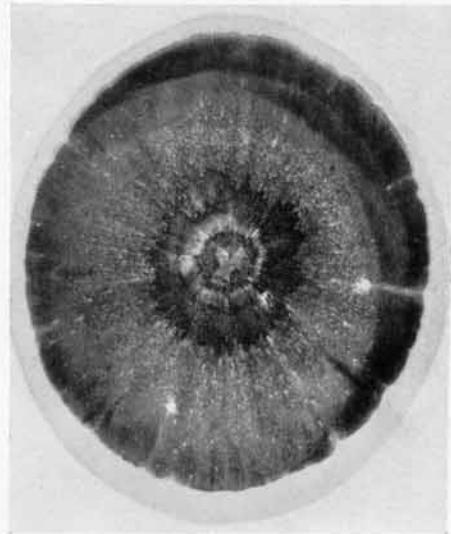
Opposition Jupiter-Saturn mit dem Mond
Opposition Jupiter-Saturn with the Moon



138

18. Februar 1941

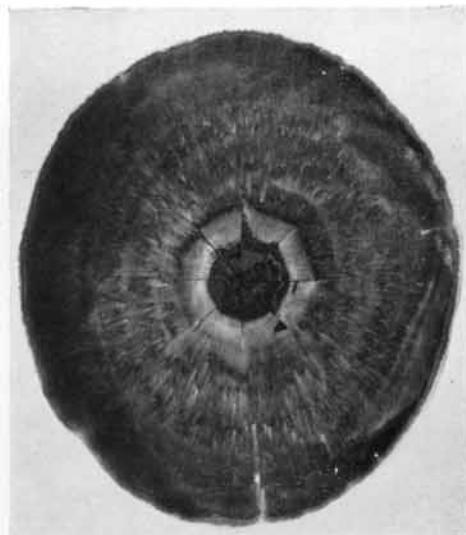
18th February 1941



139

20. Februar 1941

20th February 1941



140

21. Februar 1941

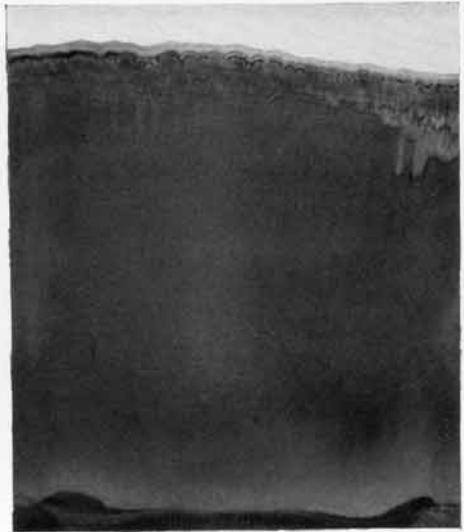
Konjunktion Mars-Mond

Conjunction Mars-Moon

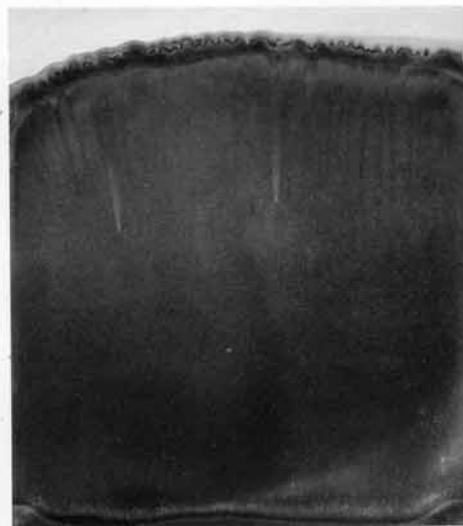
Versuche während der III. „Großen Konjunktion“ in der vertikalen Versuchsanordnung
Experiments during the IIIrd "Great Conjunction" carried out in the vertical direction



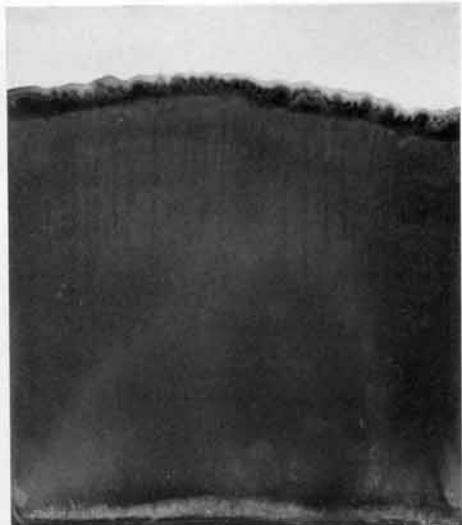
141
15. Februar 1941
15th February 1941



142
15. Februar 1941
15th February 1941



143
15. Februar 1941
15th February 1941



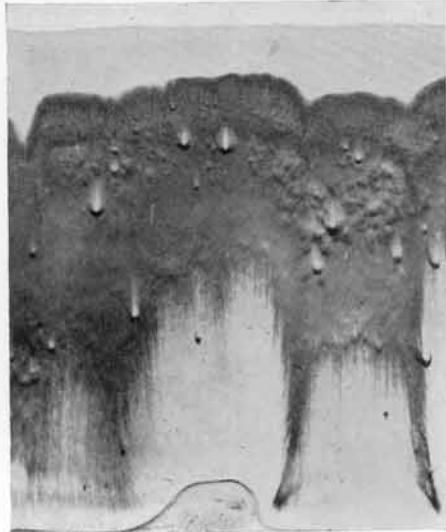
144
15. Februar 1941
15th February 1941

Konjunktion Saturn-Mond, 6. November und Saturn-Mars, 12. November 1947
Conjunction Saturn-Moon, 6th November and Saturn-Mars, 12th November 1947



145

6. November 1947
Konjunktion Saturn-Mond
Conjunction Saturn-Moon



146

12. November 1947
8 Stunden vor der Konjunktion Saturn-Mars
8 hours before the Conjunction Saturn-Mars



147

12. November 1947
6 Stunden vor der Konjunktion
6 hours before the Conjunction



148

12. November 1947
4 Stunden vor der Konjunktion
4 hours before the Conjunction



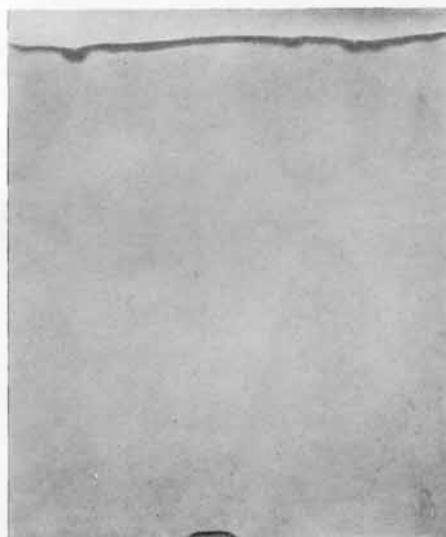
149

12. November 1947
2 Stunden vorher
2 hours before'



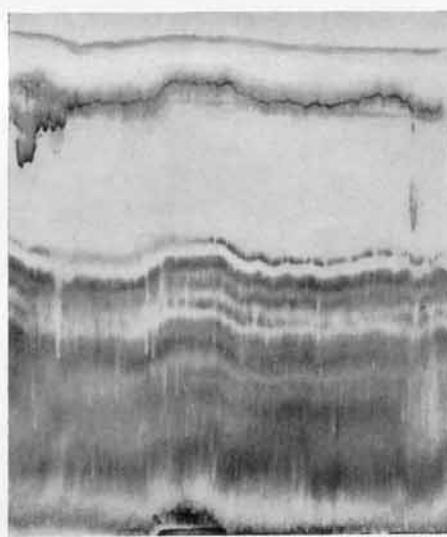
150

12. November 1947
1 Stunde vorher
1 hour before



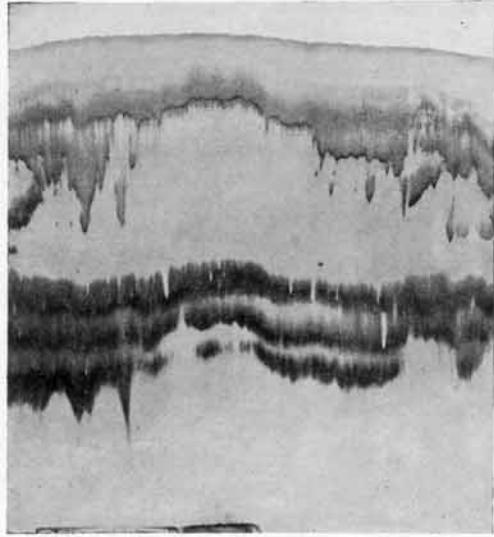
151

12. November 1947
Silber-Eisen-Blei
während der Konjunktion Saturn-Mars
Silver-Iron-Lead
during the Conjunction Saturn-Mars



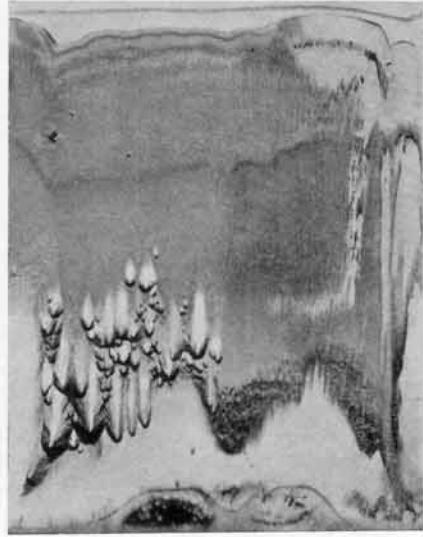
152

12. November 1947
1 Stunde nachher
1 hour later



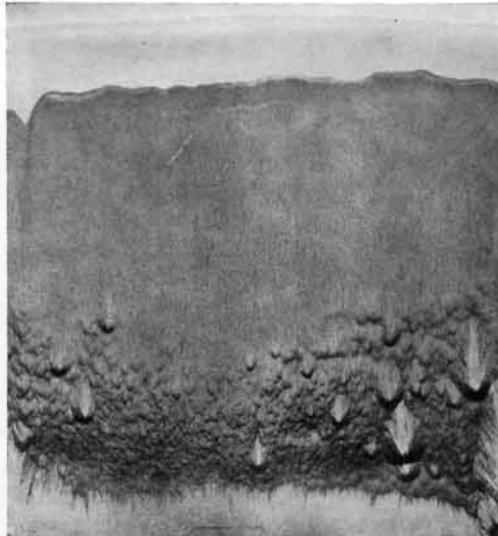
153

12. November 1947
2 Stunden später
2 hours later



154

16. November 1947
4 Tage später
4 days later



155

17. November 1947
5 Tage später
5 days later

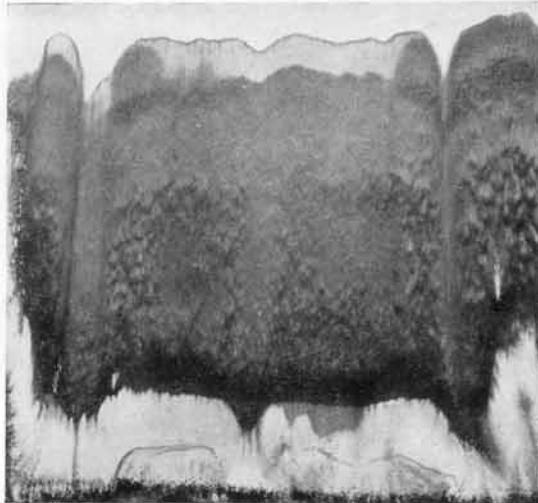


156

24. November 1947
12 Tage später
12 days later

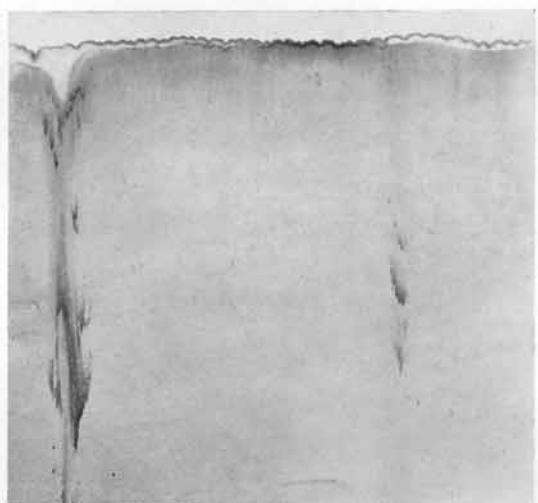
Saturn und Mars werden rückläufig
Saturn kehrt an die gleiche Stelle zurück am 26. Dezember 1947

Saturn and Mars get retrograde
Saturn returns to the same place on the 26th December 1947



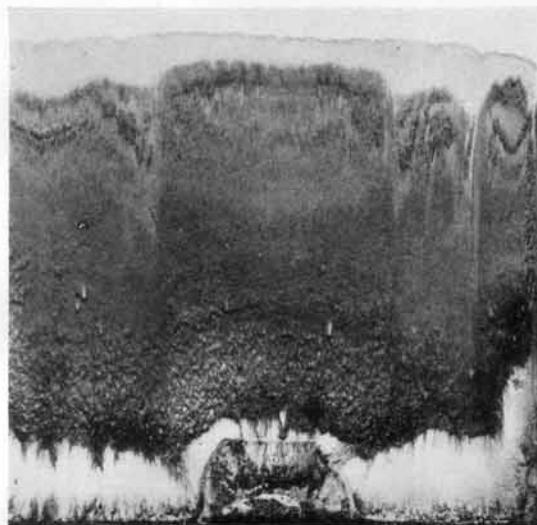
157

26. Dezember 1947
Experiment kurz vor dem Überschreiten des Konjunktionsortes
Experiment close to the moment when Saturn reaches the same position again



158

Saturn überschreitet den Ort der Konjunktion vom November 1947
Saturn passes over the place of the Conjunction November 1947



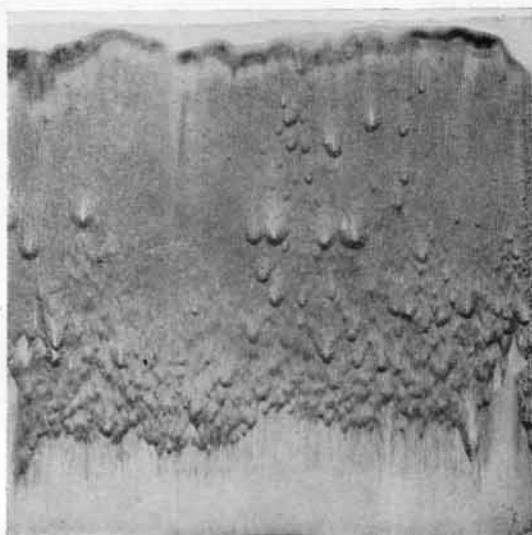
159

4 Stunden später

4 hours later

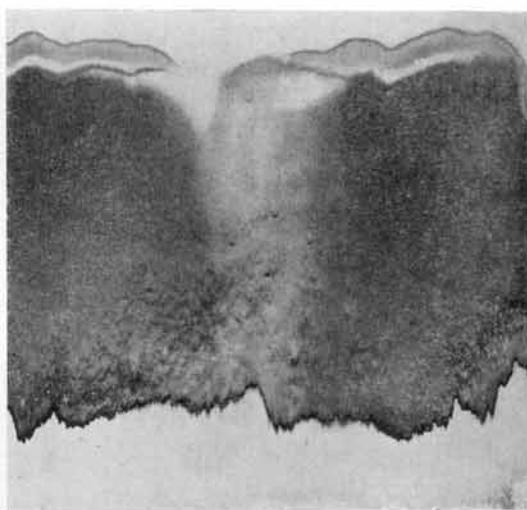
**Saturn kommt zum dritten Male an den gleichen Ort
am 18. Juli 1948**

**Saturn returns to the same place once more on the
18th July 1948**



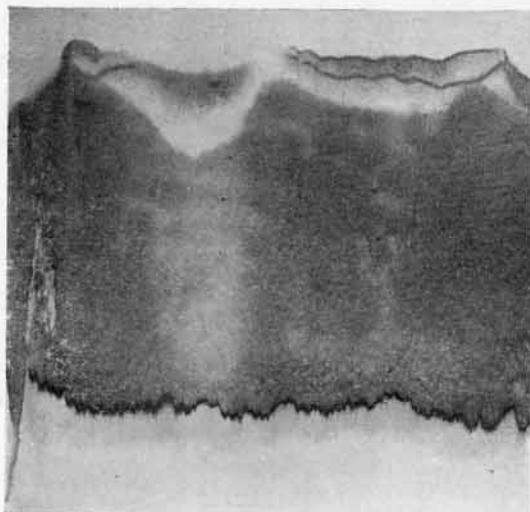
160

2 Stunden bevor Saturn zum dritten Mal an den Konjunktionsort kommt
2 hours before Saturn comes for the third time to the place of the Conjunction



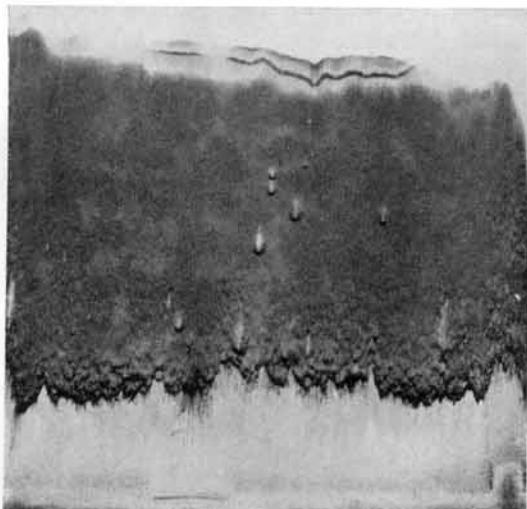
161

Saturn kommt nochmals zurück an den Ort der Konjunktion
Saturn returns for the third time to the place of the Conjunction



162

Saturn kommt zum dritten Mal an den Ort der Konjunktion
Saturn returns for the third time to the place of the Conjunction

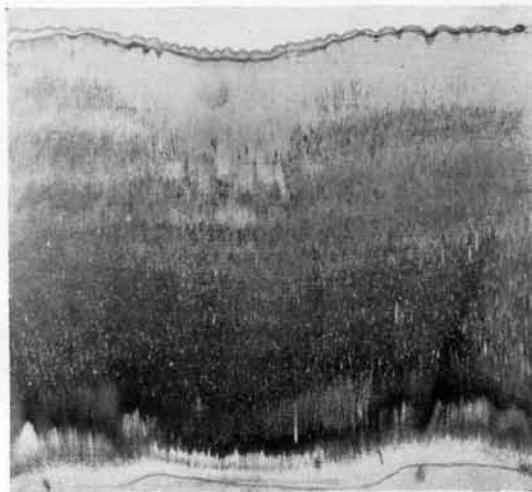


163

$\frac{1}{2}$ Stunde später
 $\frac{1}{2}$ hour later

**Der Planet Mars kommt zum zweiten Mal über die Stelle
der Konjunktion am 4. März 1948**

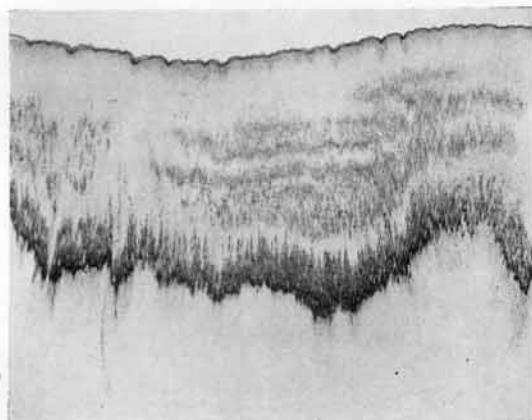
**The planet Mars returns to the place of the Conjunction
on March 1948**



164

**Der Planet Mars kommt zum zweiten Mal über den Konjunktionsort
Experiment mit Silber-Eisen-Blei**

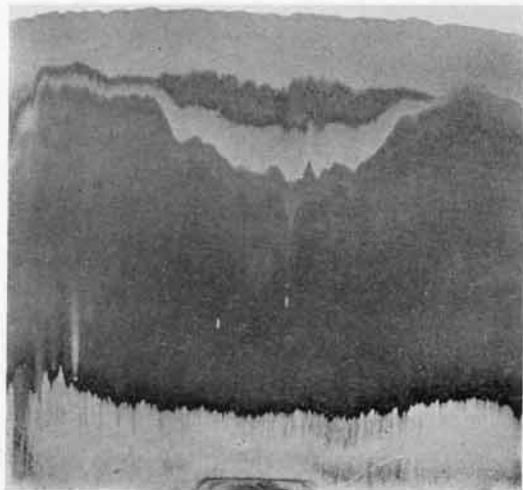
**Mars returns for the second time to the place of Conjunction
Experiment with Silver-Iron-Lead**



165

Zur selben Zeit das Experiment ausgeführt mit Silber-Eisen

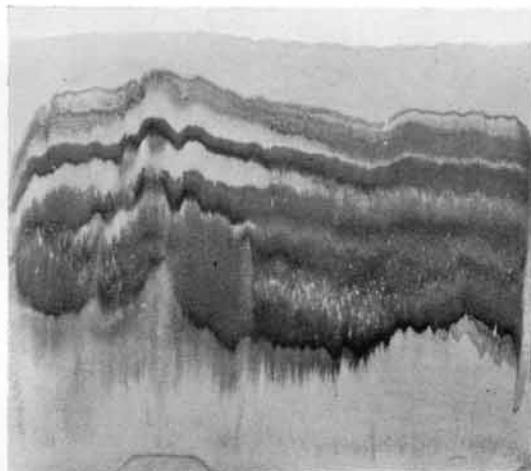
At the same time an experiment with Silver-Iron



166

Silber-Eisen-Blei während der Konjunktion Saturn-Mond
am 18. April 1948

Silver-Iron-Lead during the Conjunction Saturn-Moon
on the 18th April 1948



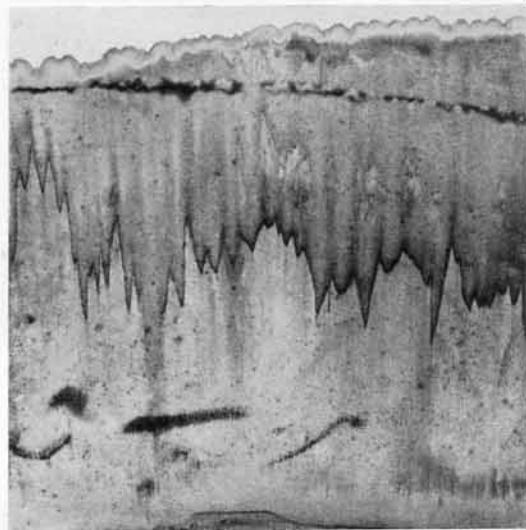
167

Silber-Eisen-Blei während der Konjunktion Mars-Mond
am 18. April 1948

Silver-Iron-Lead during the Conjunction Mars-Moon
on the 18th April 1948

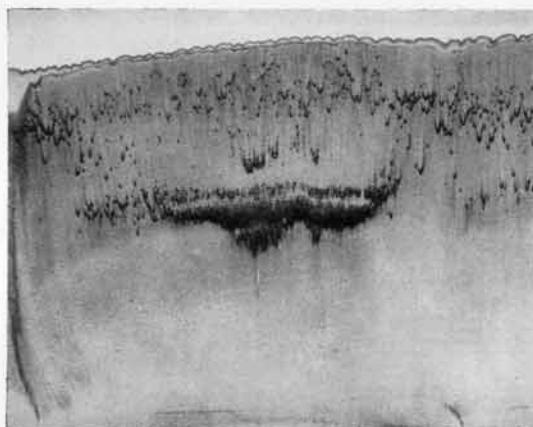
**Der Planet Mars kommt zum dritten Mal über die Stelle
der Konjunktion am 26. April 1948**

**The Planet Mars returns again to the same place
on April 26th 1948**



168

Silber-Eisen-Blei während der dritten Rückkehr des Planeten Mars
Silver-Iron-Lead during the third return of Mars 26th April 1948

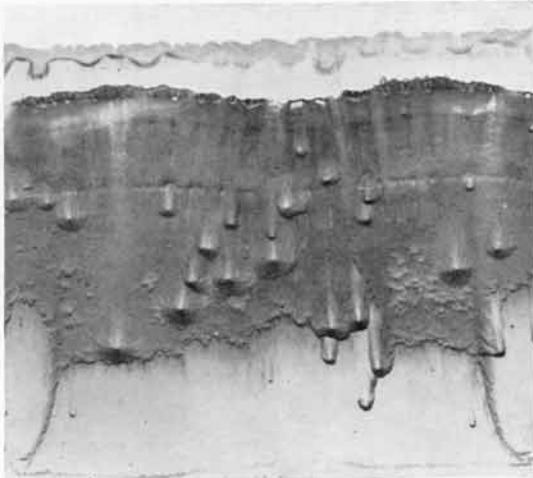


169

Silber-Eisen während der dritten Rückkehr des Planeten Mars
Silver-Iron during the third return of Mars, 26th April 1948

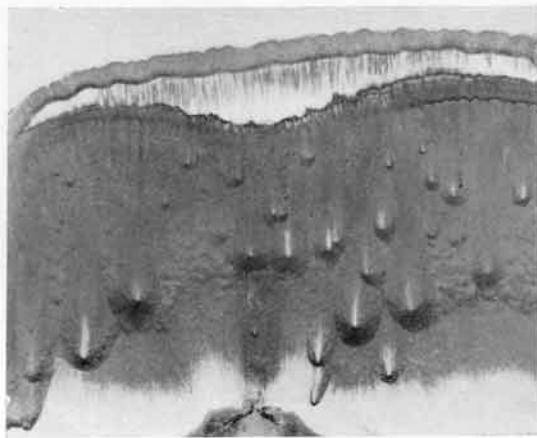
Konjunktion Saturn-Mars, 1. Dezember 1949
Experimente mit Silber-Eisen-Blei

Conjunction Saturn-Mars, 1th December 1949
Experiments with Silver-Iron-Lead



170

30. November, 16 Uhr
30th November, 4 p. m.



171

30. November, 20 Uhr
30th November, 8 p. m.



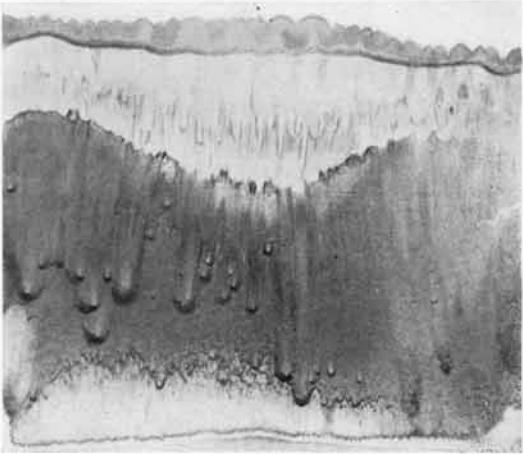
172

30. November, 22 Uhr
30th November, 10 p. m.



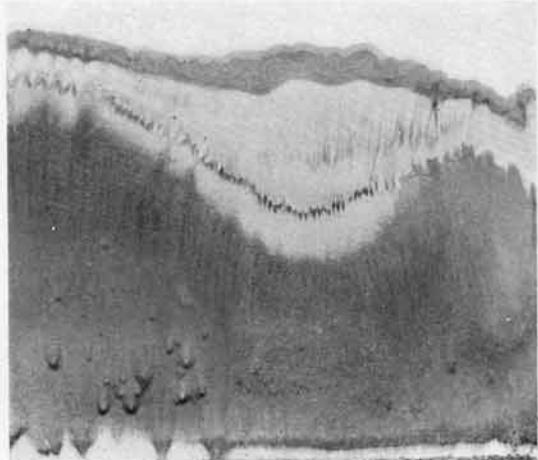
173

30. November, 22.30 Uhr
30th November, 10.30 p. m.



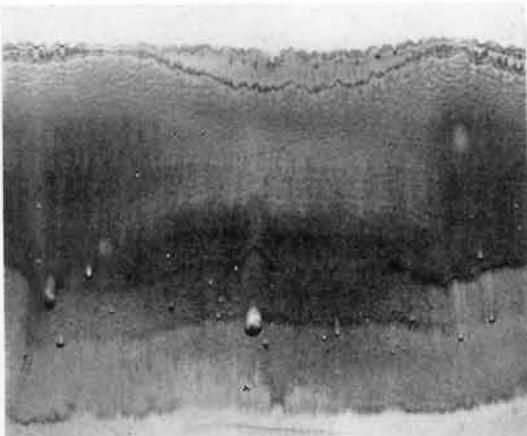
174

30. November, 23 Uhr
30th November, 11 p. m.



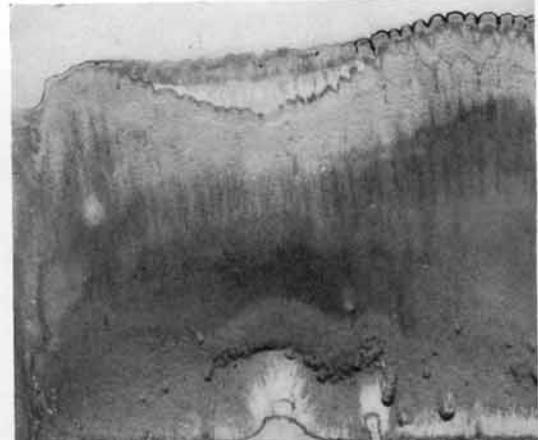
175

30. November, 24 Uhr
30th November, midnight



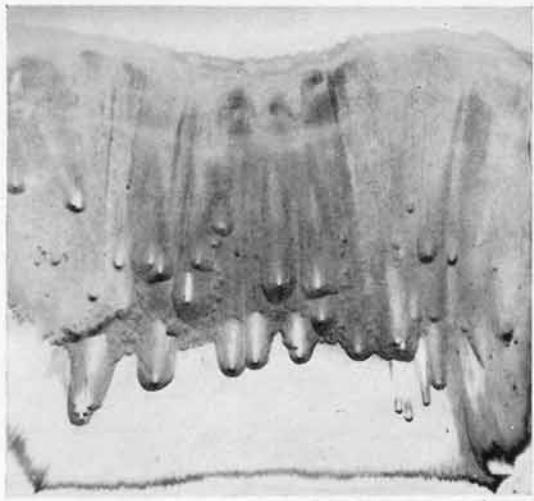
176

1. Dezember, 1 Uhr morgens
1st December, 1 a. m.



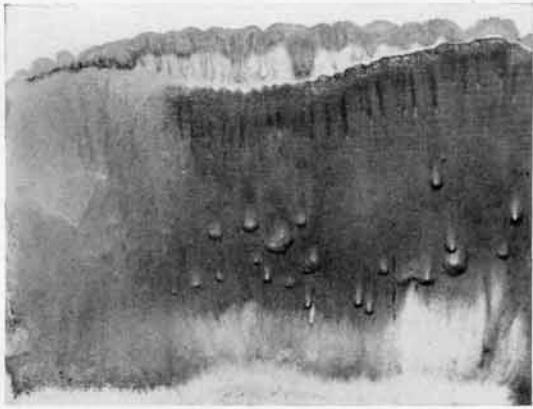
177

1. Dezember, 2 Uhr morgens
1st December, 2 a. m.



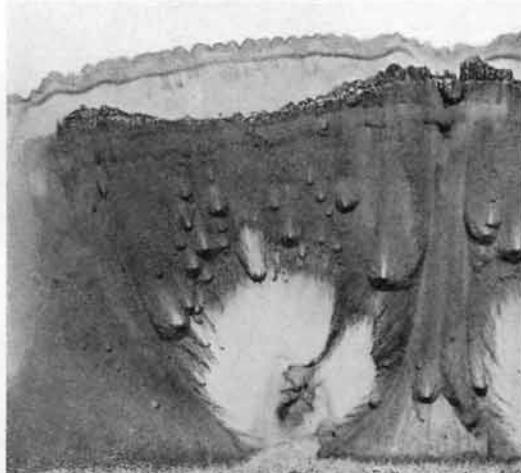
178

1. Dezember, 3.30 Uhr morgens
1st December, 3.30 a. m.



179

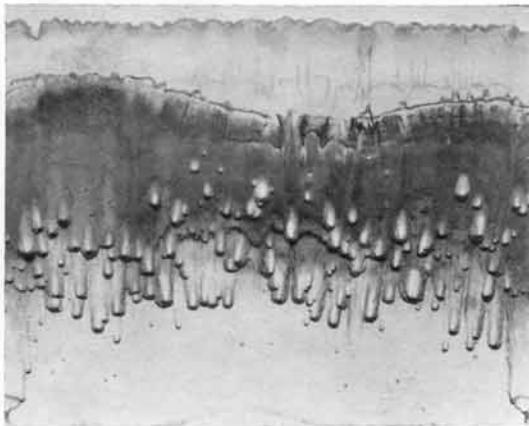
1. Dezember, 4 Uhr morgens
1st December, 4 a. m.



180

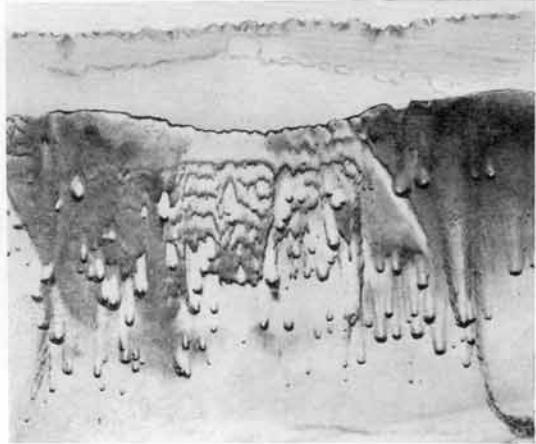
1. Dezember, 16 Uhr
1st December, 4 p. m.

Experimente mit Silber-Eisen während der Konjunktion Saturn-Mars, 1. Dezember 1949
Experiments with Silver-Iron during the Conjunction Saturn-Mars, 1st December 1949



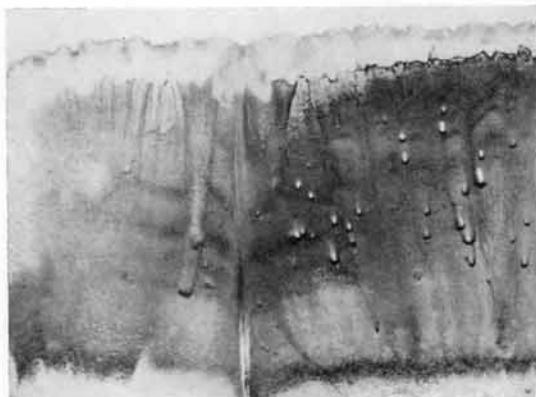
181

30. November, 20 Uhr
30th November, 8 p. m.



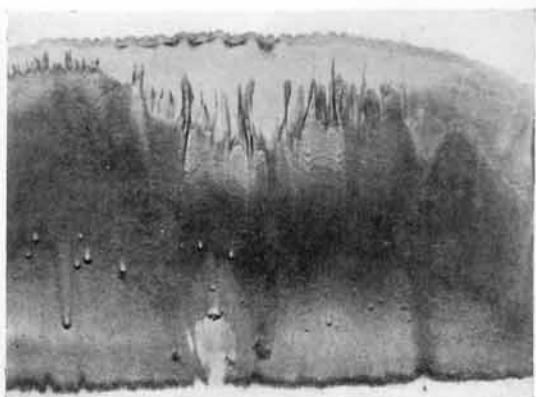
182

30. November, 22 Uhr
30th November, 10 p. m.



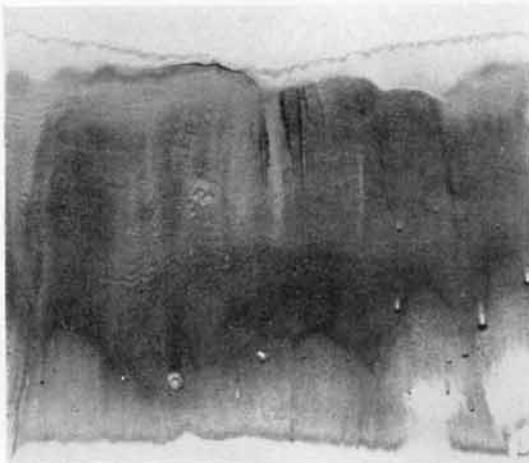
183

30. November, 23 Uhr
30th November, 11 p. m.



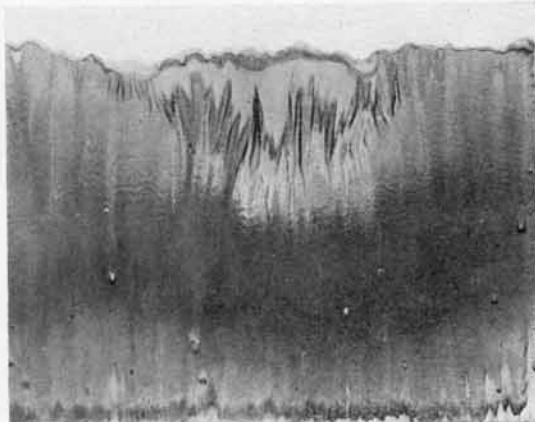
184

30. November, Mitternacht
30th November, Midnight



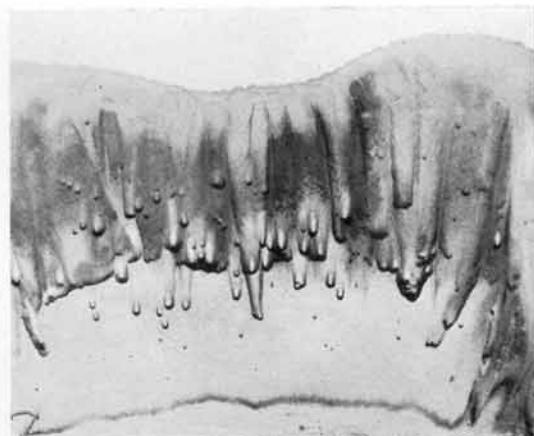
185

1. Dezember, 1 Uhr morgens
Konjunktion Saturn-Mars
1st December, 1 a.m.
Conjunction Saturn-Mars



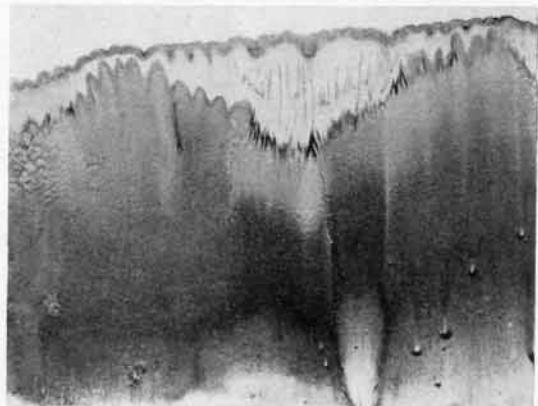
186

1. Dezember, 2 Uhr morgens
1st December, 2 a.m.



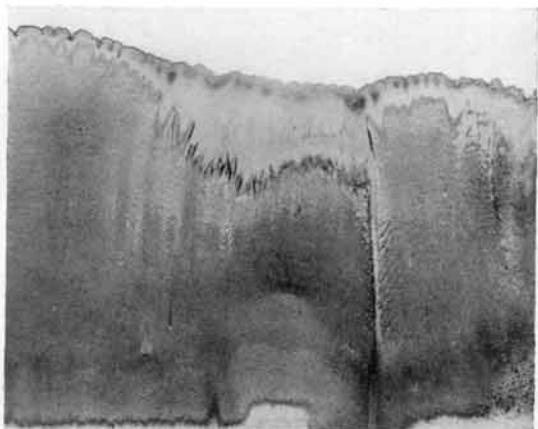
187

1. Dezember, 3.30 Uhr morgens
1st December, 3.30 a.m.



188

1. Dezember, 4 Uhr
1st December, 4 a.m.



189

1. Dezember, 16 Uhr
1st December, 4 a.m.

Saturn-Mond-Konjunktion, 12. September 1950
(kurz nach Neumond und einer totalen Sonnenfinsternis)

Saturn-Moon-Conjunction, 12th September 1950
(shortly after New Moon and a Total Eclipse of the Sun)



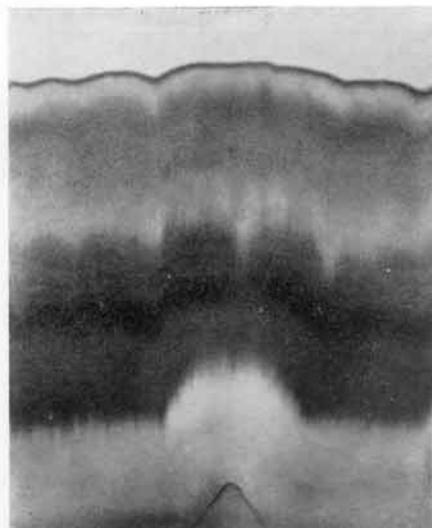
190

1 Stunde vorher
1 hour before



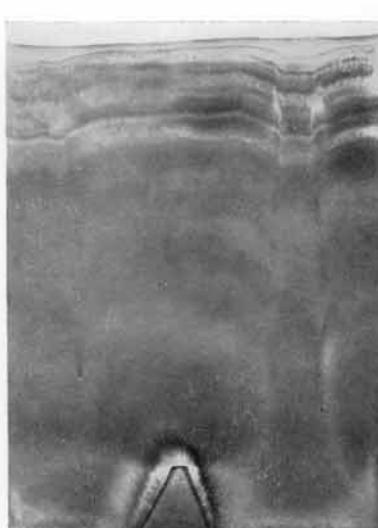
191

Konjunktion Saturn-Mond
Conjunction Saturn-Moon



192

$\frac{1}{2}$ Stunde nachher
 $\frac{1}{2}$ an hour later



193

$\frac{1}{2}$ Stunde nachher
1 hour later



194

Konjunktion Saturn-Sonne
16. September 1950

Conjunction Saturn-Sun
16th September 1950



195

Kontrollversuch mit Silber-Eisen
während der Saturn-Sonnen-Konjunktion

Control experiment with Silver and Iron
during the Conjunction Saturn-Sun

Opposition Saturn-Mond, 25. September 1950

(erfolgt in der Nähe des Vollmondes und einer totalen Mondfinsternis)

(in the neighbourhood of Full Moon and a Total Moon Eclipse)



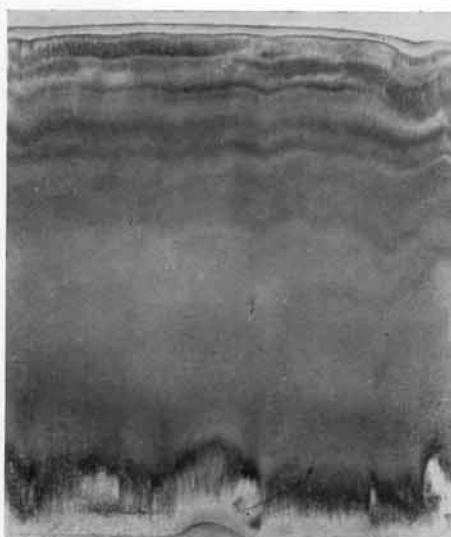
196

1 Stunde vorher
1 hour before



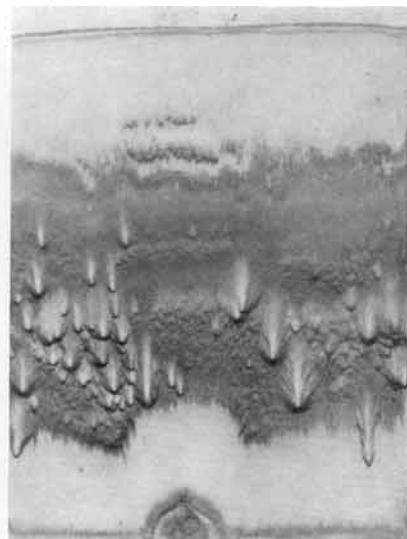
197

Während der Opposition
During the Opposition



198

1 Stunde nachher
1 hour later



199

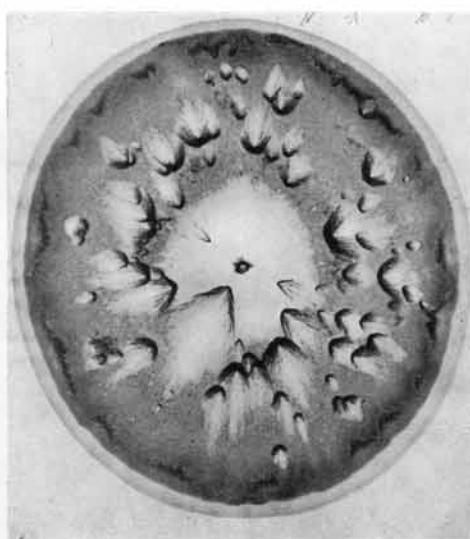
1 Tag nachher
1 day later

Silber-Eisen-Blei im vertikalen und horizontalen Experiment
Silver-Iron-Lead, experiments in vertical and horizontal arrangements



200

3 Tage nachher, 28. 9. 1950
3 days later

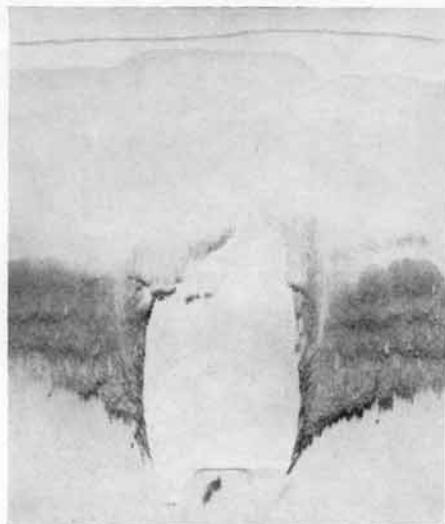


201

28. September

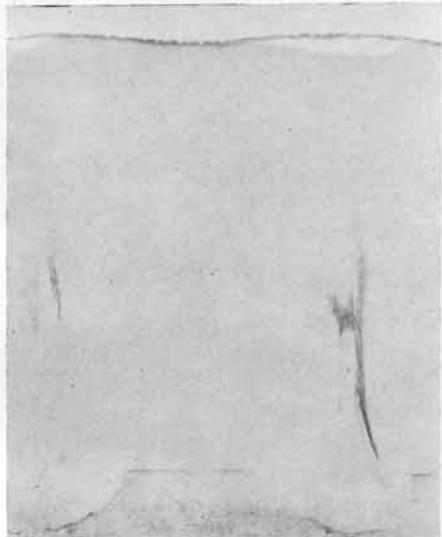
Saturn-Mond-Konjunktion, 28. Januar 1951

Saturn-Moon-Conjunction, 28th January 1951



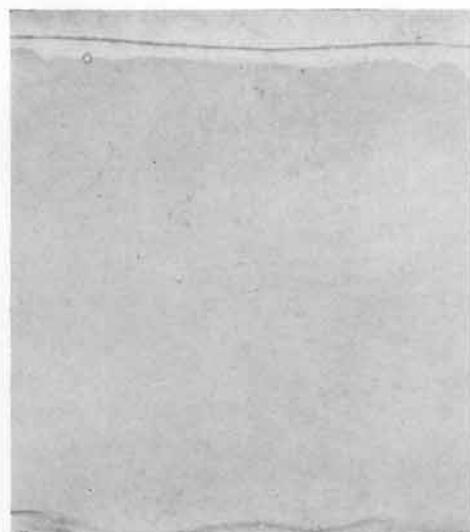
202

1 Stunde vorher
1 hour before



203

$\frac{1}{2}$ Stunde vorher
 $\frac{1}{2}$ an hour before



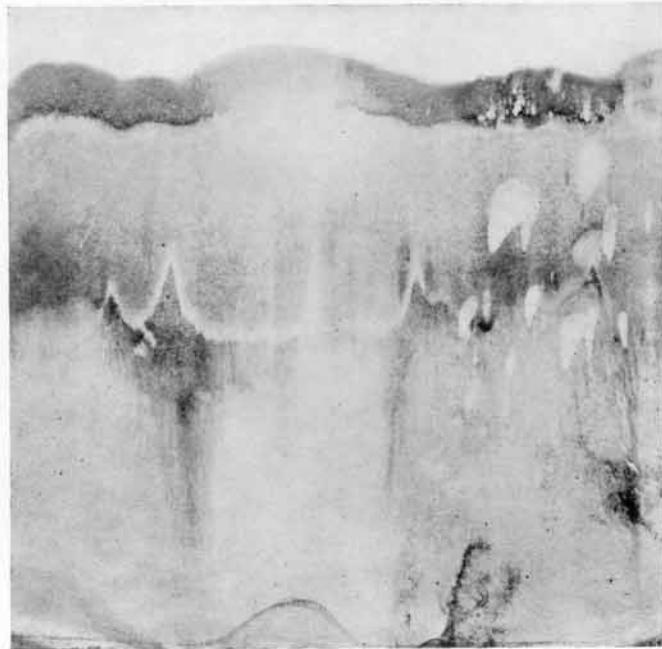
204

Während der Konjunktion Saturn-Mond
During the Conjunction Saturn-Moon



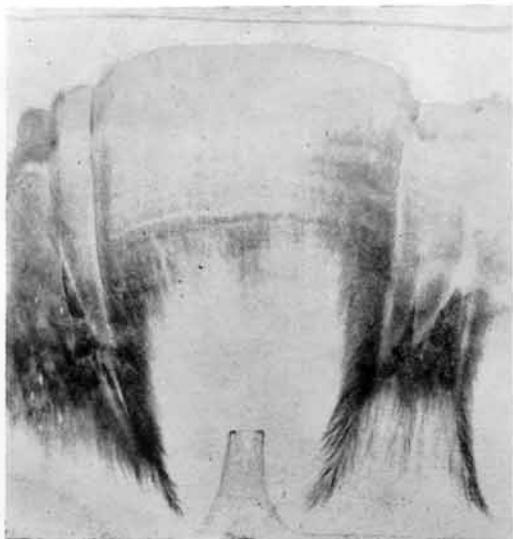
205

$\frac{1}{4}$ Stunde nachher
 $\frac{1}{4}$ hour later



206

1 Stunde nachher
1 hour later



207

3 Stunden später
3 hours later

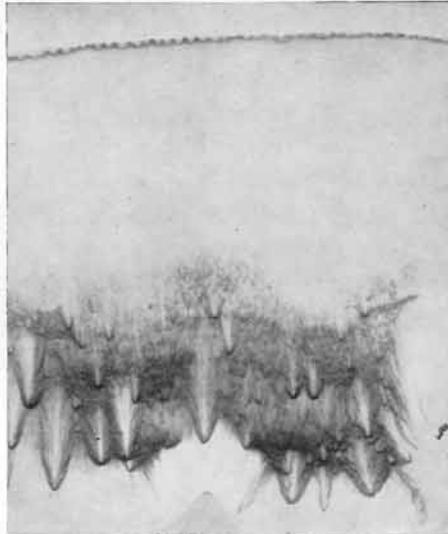
**Kontrollversuche mit Silber-Eisen
während der Saturn-Mond-Konjunktion, Januar 1951**

**Control Experiments with Silver-Iron
during the Conjunction Saturn-Moon in January 1951**



208

Während der Konjunktion
During the Conjunction



209

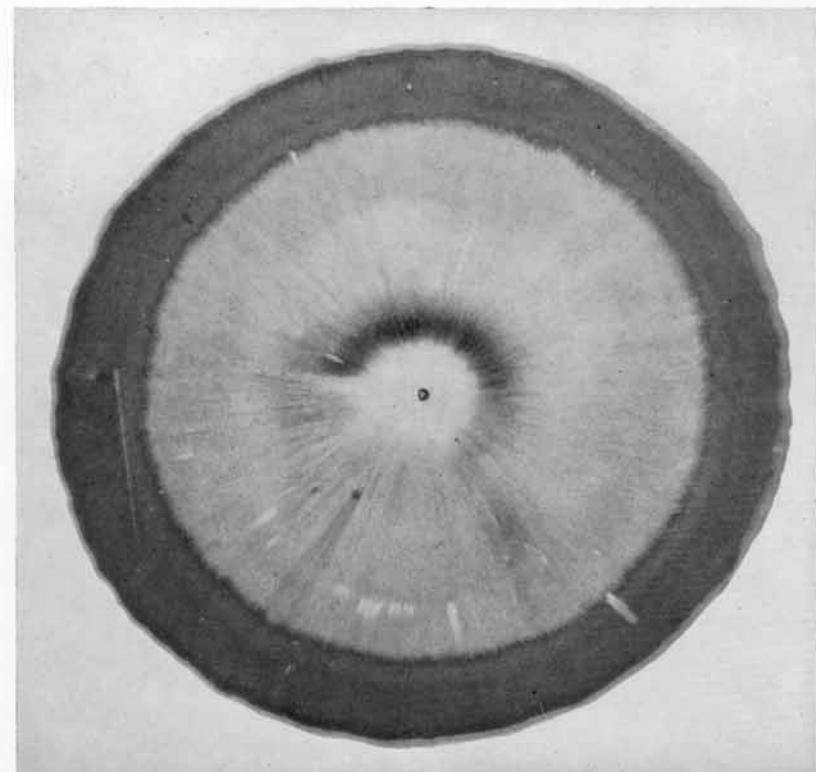
1 Stunde nachher
1 hour later



210

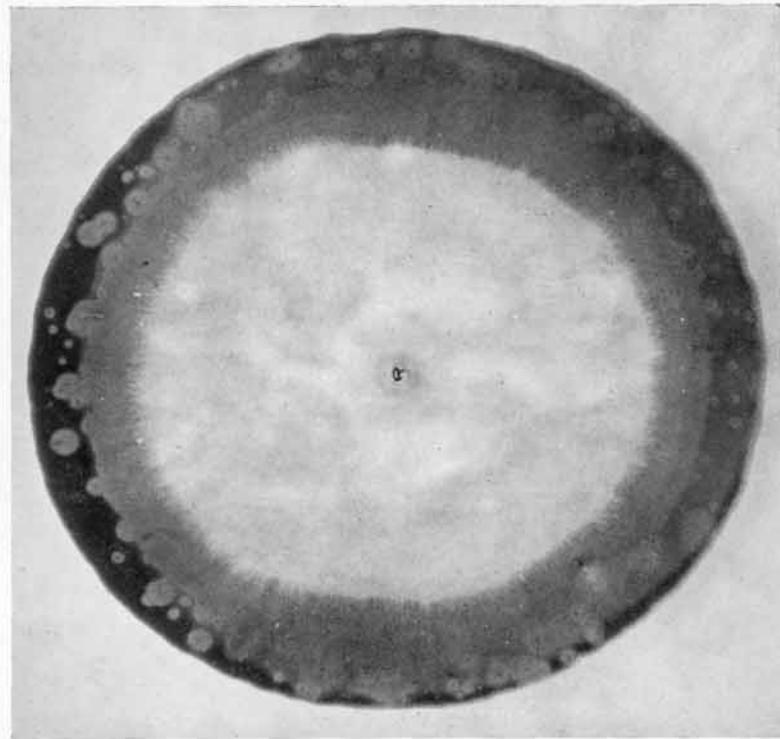
2 Stunden später
2 hours later

Konjunktion Saturn-Mond, Januar 1951 (kreisförmige Anordnung)
Conjunction Saturn-Moon, January 1951 (circular arrangement)



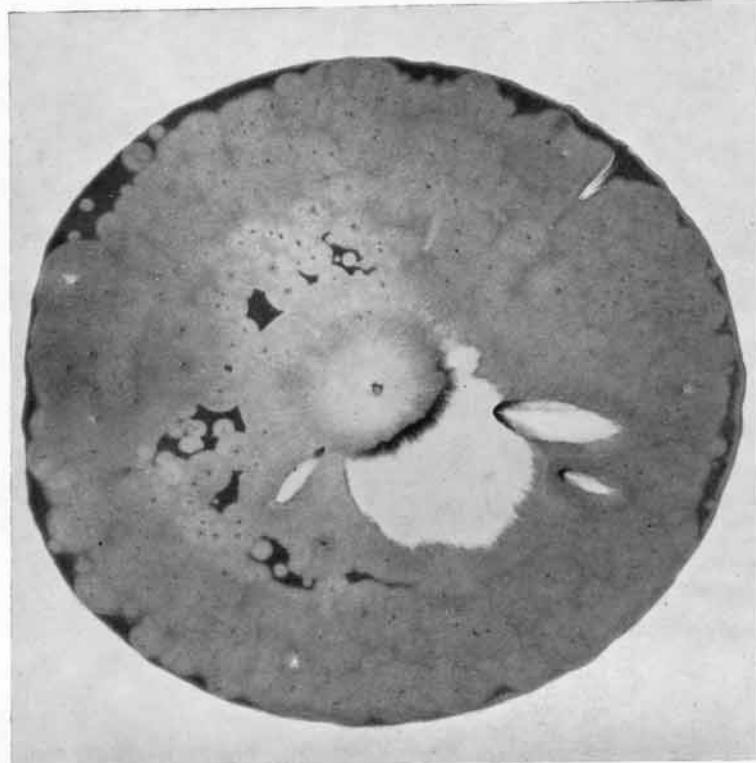
211
2 Stunden vorher
2 hours before

$\frac{1}{2}$ Stunde vorher
Helle Kreise mit dunklem Kern treten in der Peripherie auf. Vergl. dazu Abb. 206.
 $\frac{1}{2}$ an hour before
Light circles with dark centres appear in the periphery. Compare Fig. 206.



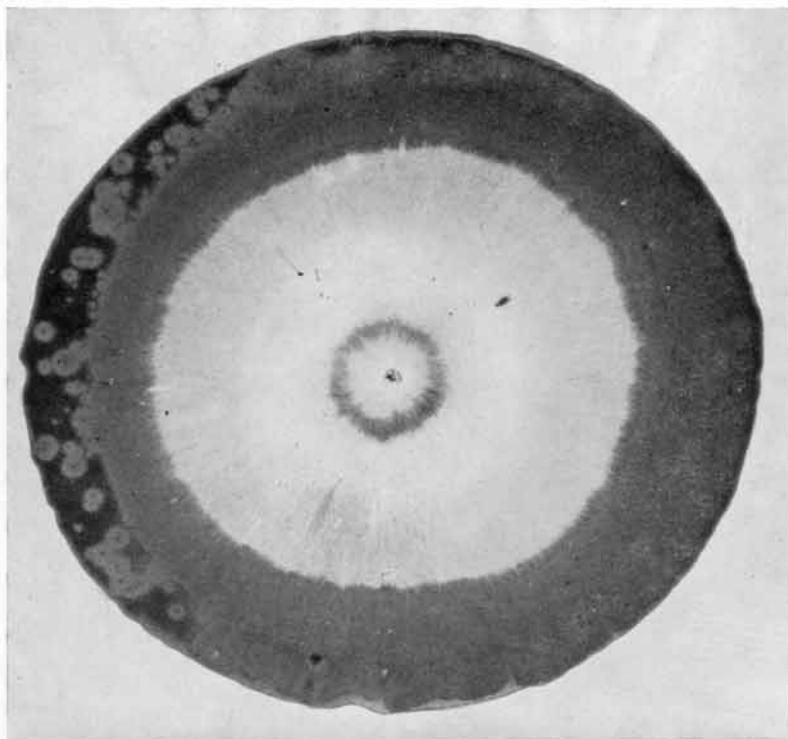
212

Die hellen Kreise mit dunklem Zentrum erfüllen den ganzen Raum; sie verließen
einander und ähneln Zellgewebe unter dem Mikroskop. Einzelne normale Formen
schießen wie Meteore dazwischen.



214

1 Stunde nachher
1 hour later
The light circles with the dark centres fill the whole available space, flow into
each other, and resemble organic tissue under a microscope. A few normal forms
shoot through like meteors.



213

Während der Konjunktion Saturn-Mond
During the Conjunction Saturn-Moon

**Kristallisationsversuch mit Bleinitrat
während einer Konjunktion von Saturn-Mars**

**Crystallisation of Lead Nitrate
during a conjunction Saturn-Moon**



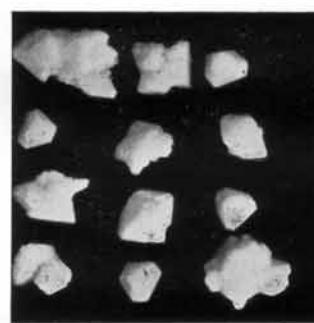
215

6 Stunden vorher
6 hours before
Beginn nach 10 Minuten



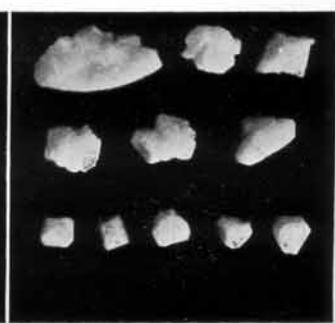
216

4 Stunden vorher
4 hours before
Beginn nach 10 Min. 30 Sek.



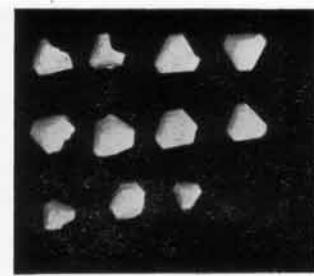
217

2 Stunden vorher
2 hours before
Beginn nach 10 Minuten



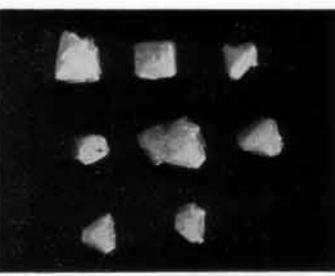
218

1 Stunde vorher
1 hour before
Beginn nach 11 Minuten



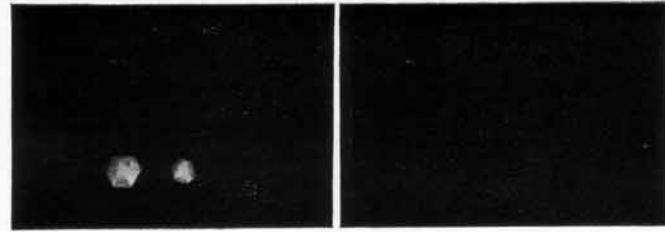
219

$\frac{1}{2}$ Stunde vorher
 $\frac{1}{2}$ hour before
Beginn nach 13 Minuten



220

$\frac{1}{4}$ Stunde vorher
 $\frac{1}{4}$ hour before
Beginn nach 17 Minuten

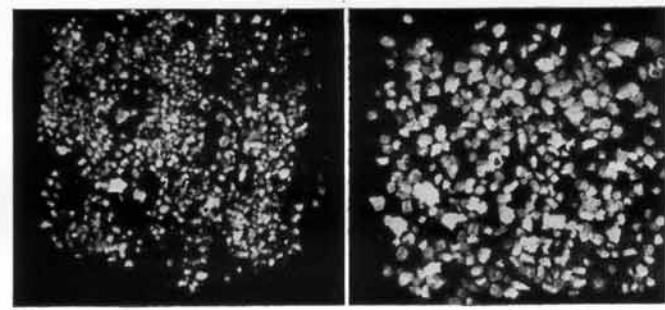


221

222

10 Minuten vorher
10 Minutes before
Beginn nach 30 Minuten

Während der Konjunktion
Keine Kristallisation
During the Conjunction
No crystallisation possible

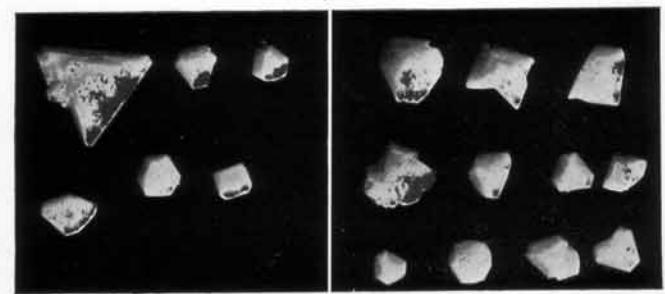


223

224

$\frac{1}{4}$ Stunde nachher
 $\frac{1}{4}$ hour later
Beginn nach 35 Minuten

$\frac{1}{2}$ Stunde nachher
 $\frac{1}{2}$ hour later
Beginn nach 20 Minuten



225

226

1 Stunde nachher
1 hour later
Beginn nach 15 Minuten

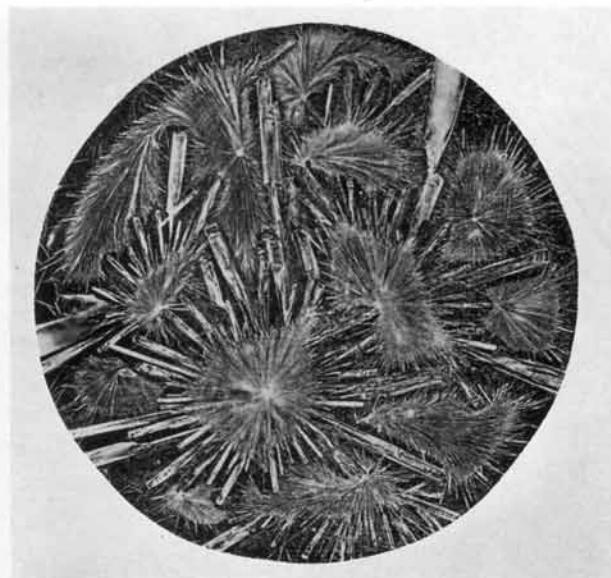
2 Stunden nachher
2 hours later
Beginn nach 10 Minuten

Kristall-Gestaltungskräfte von Bleiazetat

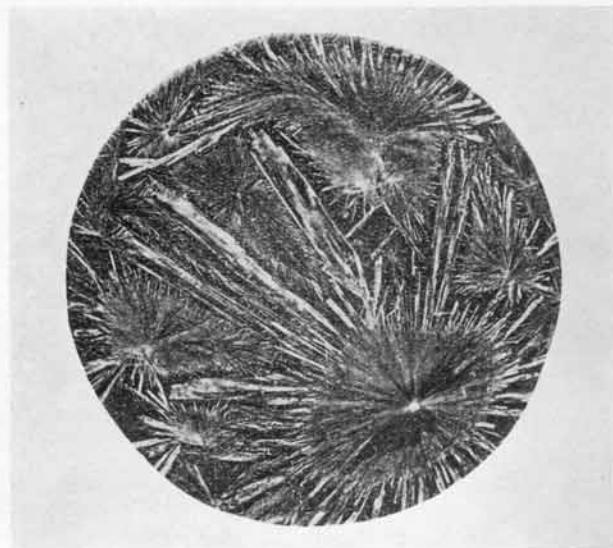
Crystallisations of Lead acetate



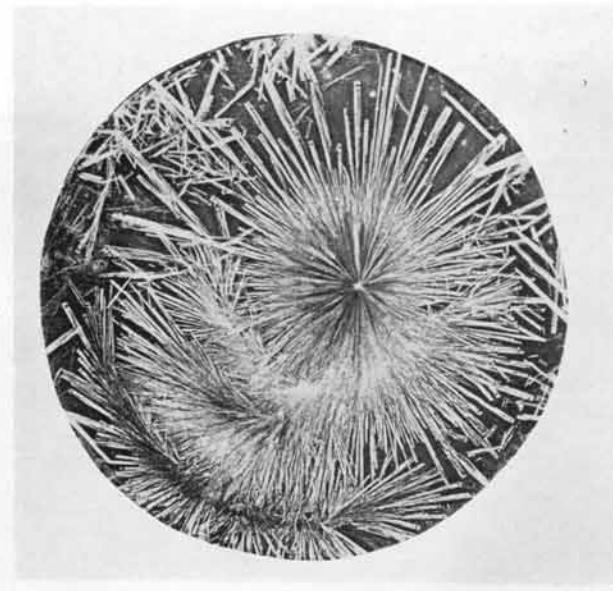
227



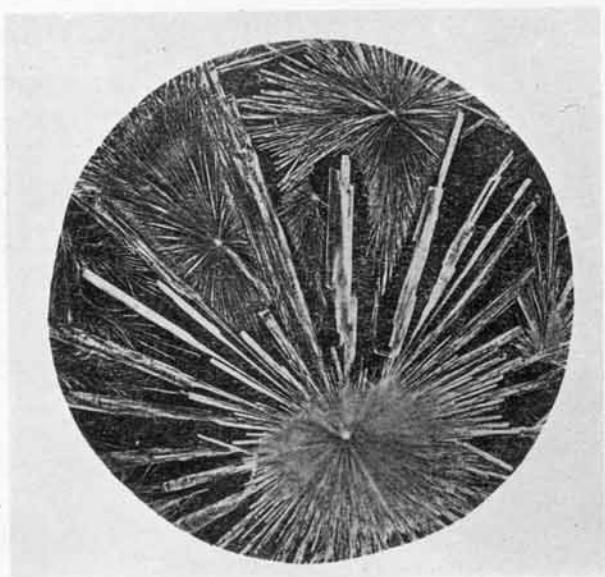
228



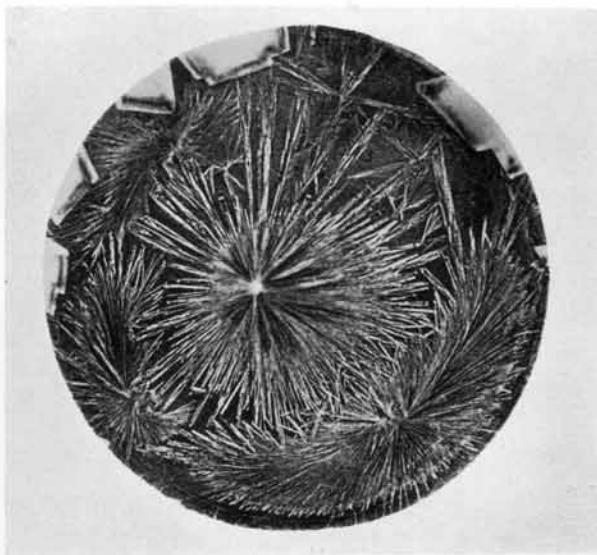
229



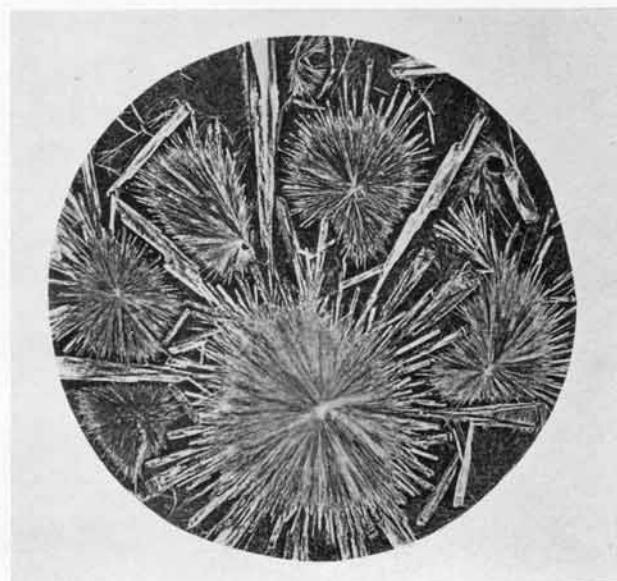
230



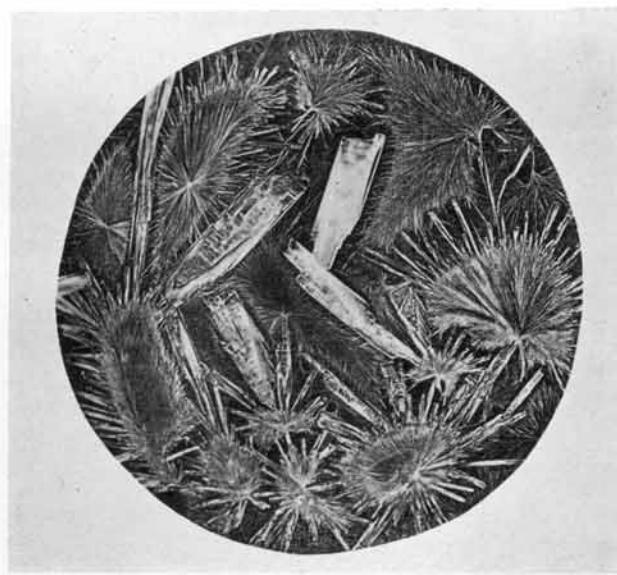
231



232

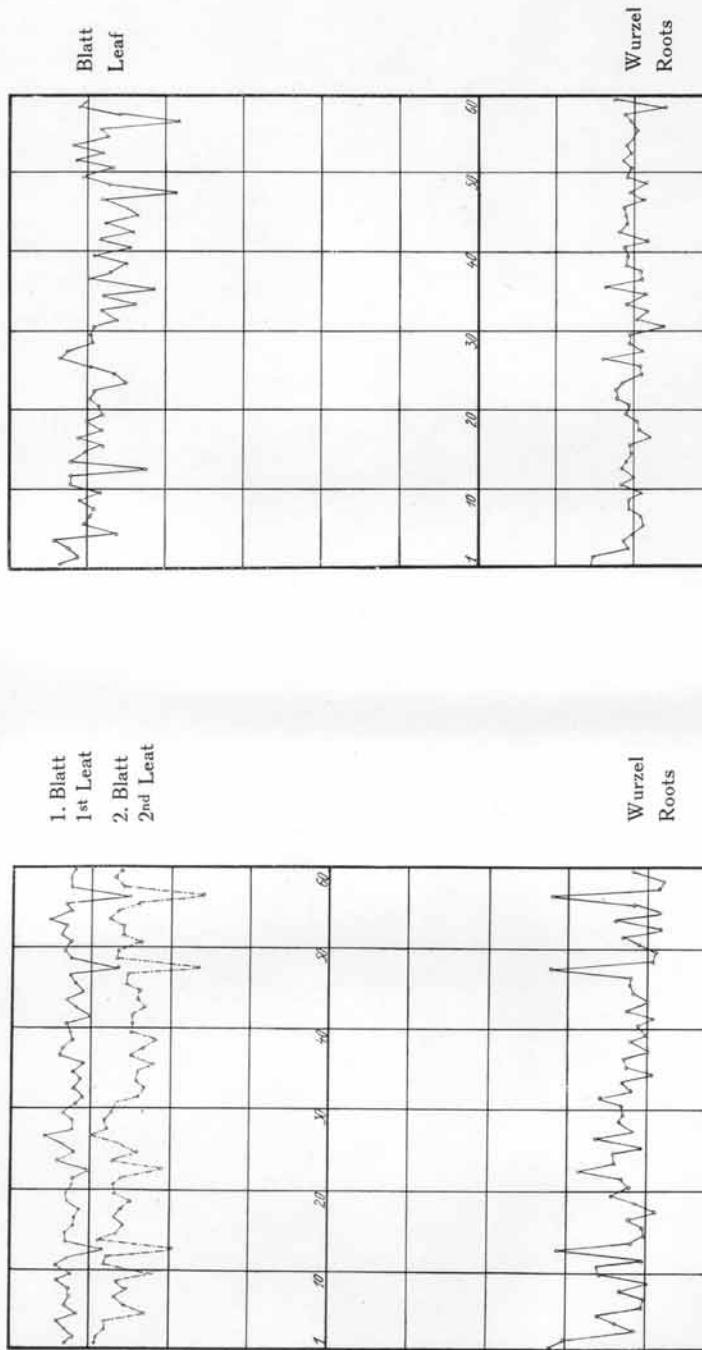


233



234

Bleinitrat-Potenzversuch mit Weizensamen, 1.—60. Dezimalpotenz*
 Experiments with wheat grown under the influence of 1st to 60th potency of Lead Nitrate*



235
 Wachstumskurve
 Graph of Plant growth

236
 Gewichtskurve
 Graph of Weight

* L. Koliako, Wirksamkeit kleinstter Entitäten bei 7 Metallen, Phil. Antr. Verlag, Dornach 1926.

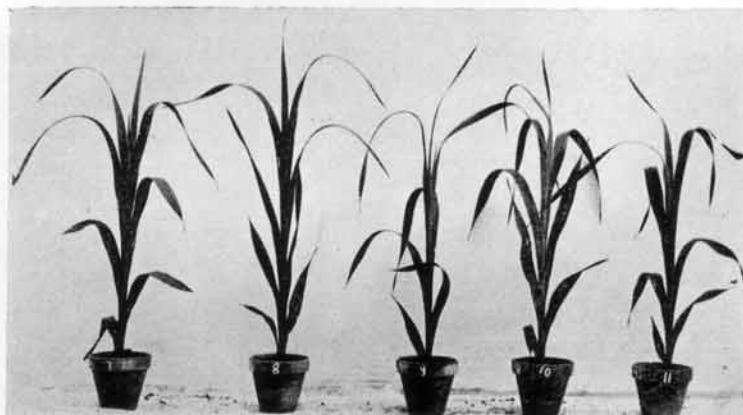
**Potenzversuch mit Gladiolen, gewachsen unter dem Einfluß
der 1.—30. Dezimalpotenz von Bleinitrat**

Gladioli grown under the influence of 1th—30th potency of Lead Nitrate



237

2. 3. 4. 5. 6. Dezimalpotenz



238

7. 8. 9. 10. 11. Dezimalpotenz



239

12.

13.

14.

15. Dezimalpotenz



240

16.

17.

18.

19.

20. Dezimalpotenz



241

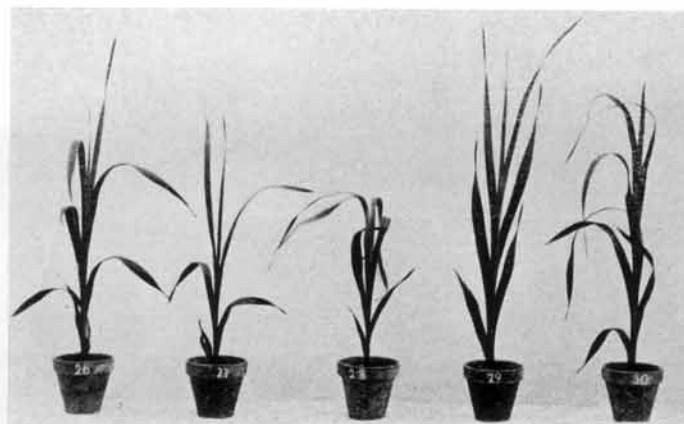
21.

22.

23.

24.

25. Dezimalpotenz



242

26.

27.

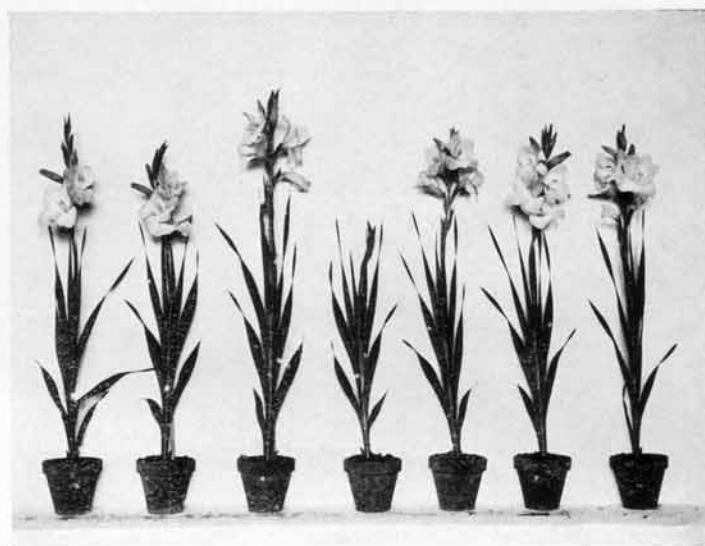
28.

29.

30. Dezimalpotenz

Ausschnitt aus den zur gleichen Zeit im Freien wachsenden
Potenzreihen von Kupfersulfat und Quecksilberchlorid

Part of an experiment treated with potencies
of Copper-sulfate and with Quicksilver-chloride



243

22.—28. Dezimalpotenz von Kupfersulfat
22nd—28th potency of Copper-sulfat



244

23.—28. Dezimalpotenz von Quecksilberchlorid
23rd—28th potency of Quicksilverchlorid

Mittelalterliche Darstellungen
Representations of the Middle Ages



245

„Saturn der seine Kinder fräß“
 mit dem Tierkreiszeichen „Steinbock“
 und „Wassermann“

„Saturn“ devours his own children“; accompanied
 by the zodiacal constellations of „Capricorn“
 and „Aquarius“



246

„Die Kinder Satorns“
 „The children of Saturn“



247

Die gefürchtete „Große Konjunktion“ im Jahre 1524
 Medieval picture of the Great Conjunction of Great Conjunction of 1524,
 taking place in the zodiacal sign of the Fishes.



248

Der „Bleibaum“ oder „Saturnbaum“

The „Lead Tree“ or „Saturn Tree“

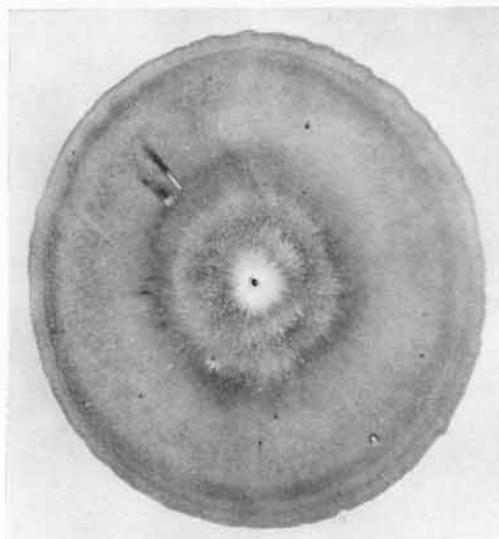


249

Der Hütteingang zum Blei- und Silberbergwerk in Goslar

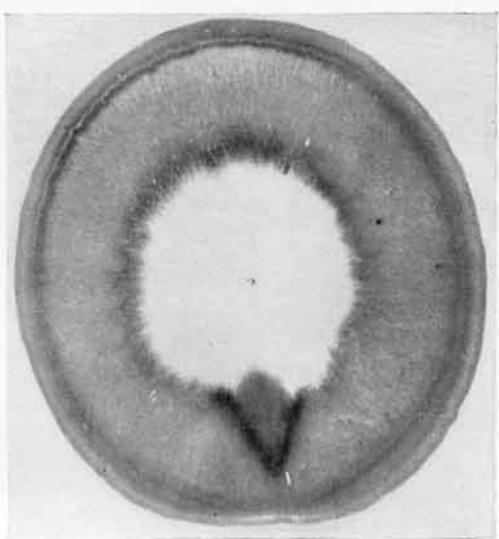
Entrance to the Lead and Silver mine in Goslar

Experimente die hinführen zur 1. Opposition Saturn-Jupiter, April 1951
Experiments leading to the 1th Opposition Saturn-Jupiter, in April 1951



250

8. März 1951
Konjunktion Jupiter-Mond
Conjunction Jupiter-Moon



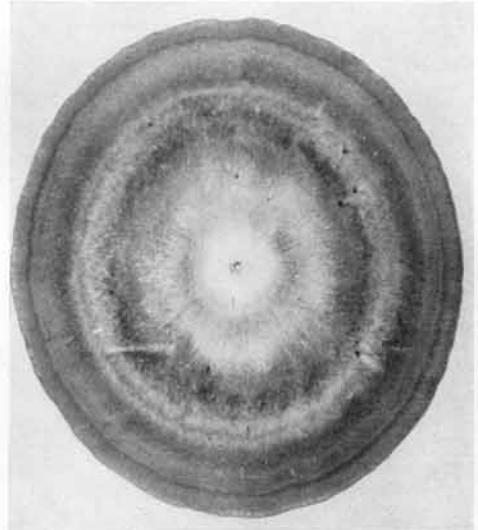
251

9. März 1951
Konjunktion Mars-Mond
Conjunction Mars-Moon



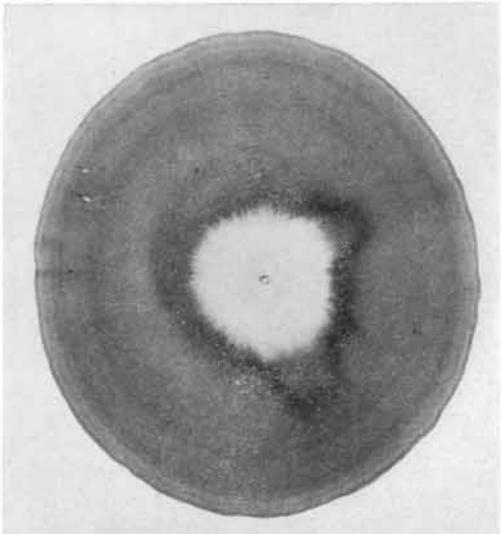
252

9. März 1951
Opposition Saturn-Mond
Opposition Saturn-Moon



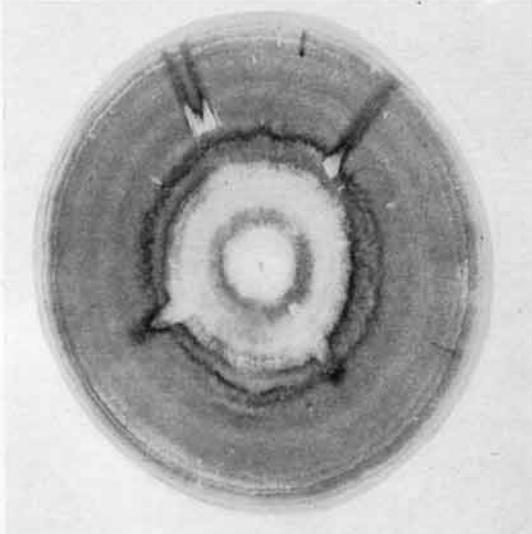
253

12. März 1951
Konjunktion Sonne-Jupiter
Conjunction Sun-Jupiter



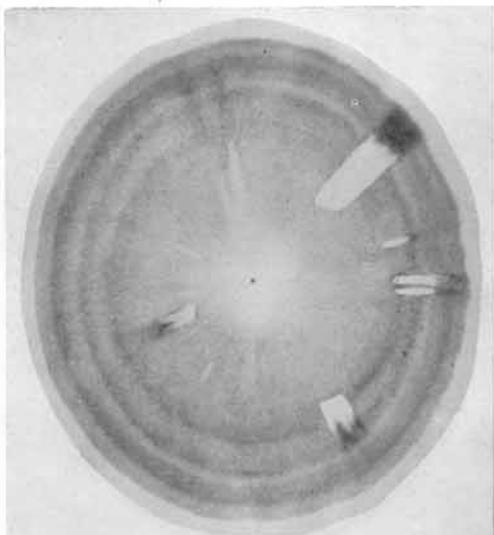
254

13. März 1951
1 Tag nach der Konjunktion Jupiter-Sonne
13th March 1951
1 Day after the conjunction Jupiter-Sun



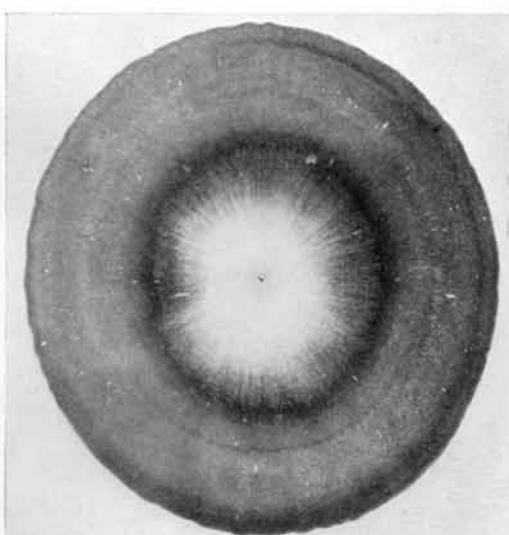
255

16. März 1951
Opposition Saturn-Merkur
16th March 1951
Opposition Saturn-Mercury



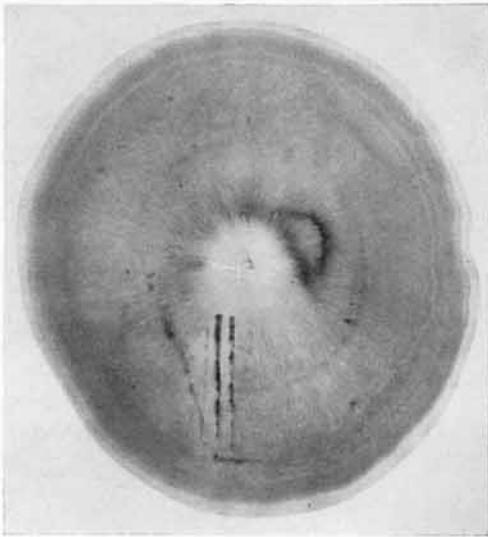
256

19. März 1951
19th March 1951



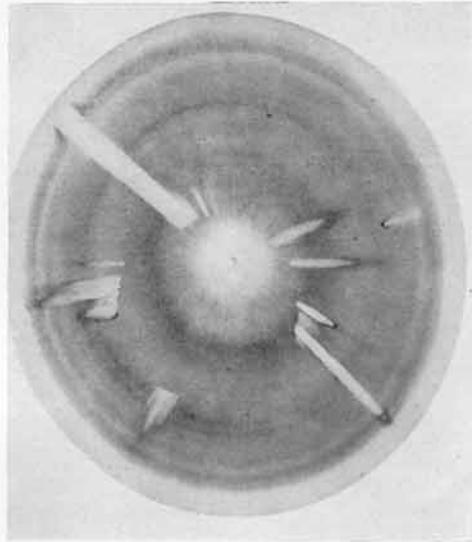
257

21. März 1951
Opposition Saturn-Sonne
21th March 1951
Opposition Saturn-Sun



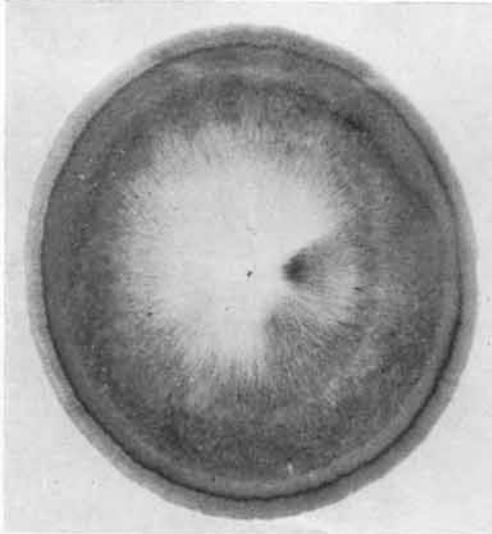
258

22. März, Opposition Jupiter-Mond
22nd March, Opposition Jupiter-Moon



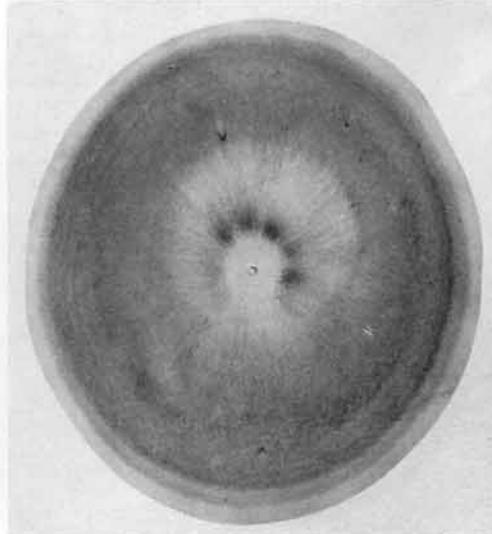
259

23. März, Konjunktion Saturn-Mond
(3 Stunden später Vollmond)
23rd March, Conjunction Saturn-Moon
(3 hours later Full-Moon)



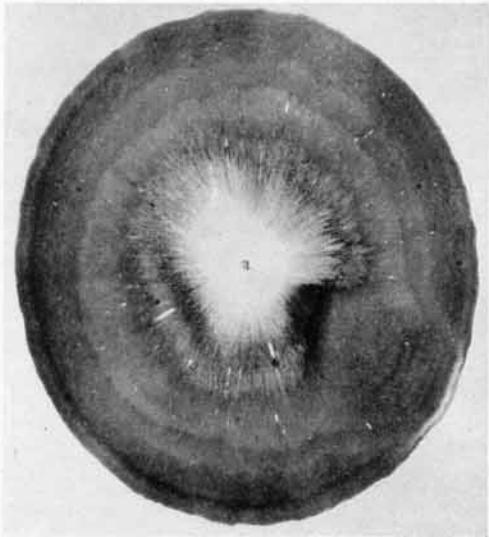
260

25. März, Ostersonntag Mittag
25th March, Easter Sunday Noon



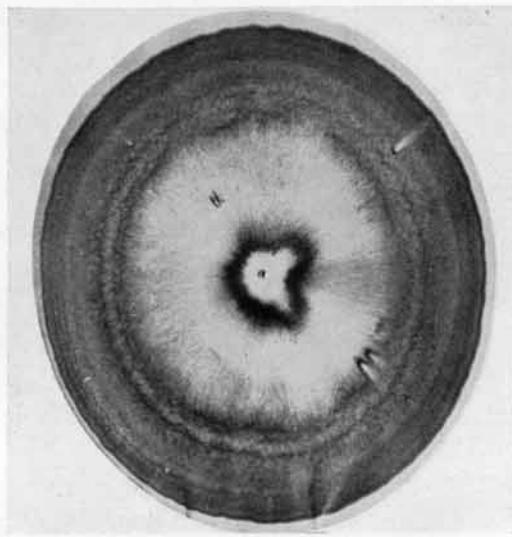
261

25. März, Ostersonntag Mitternacht
25th March, Easter Sunday Mid night



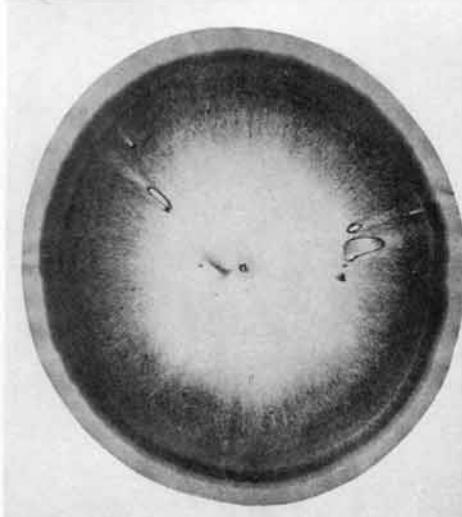
262

5. April
Opposition Saturn-Mond
5th April
Opposition Saturn-Moon



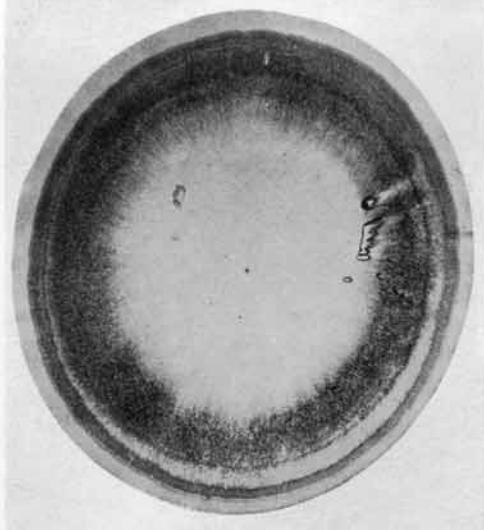
263

7. April
Konjunktion Mars-Mond
7th April
Conjunction Mars-Moon



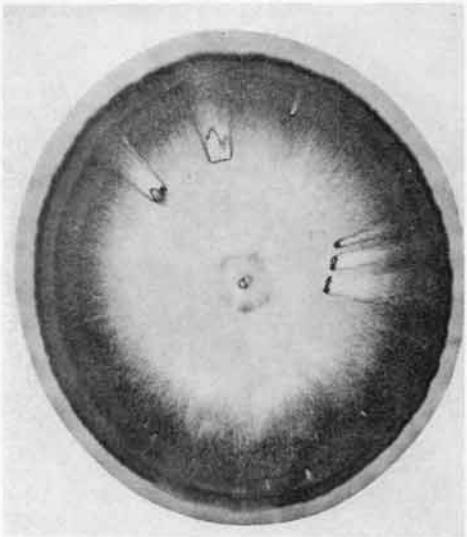
264

11. April, 9 Uhr
11th April, 9 a. m.



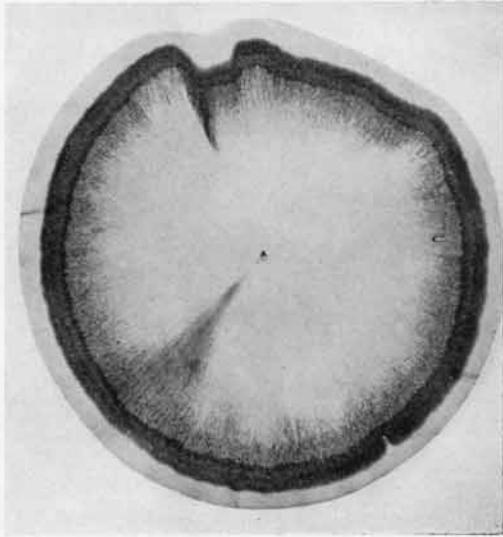
265

11. April, 10 Uhr
11th April, 10 a. m.



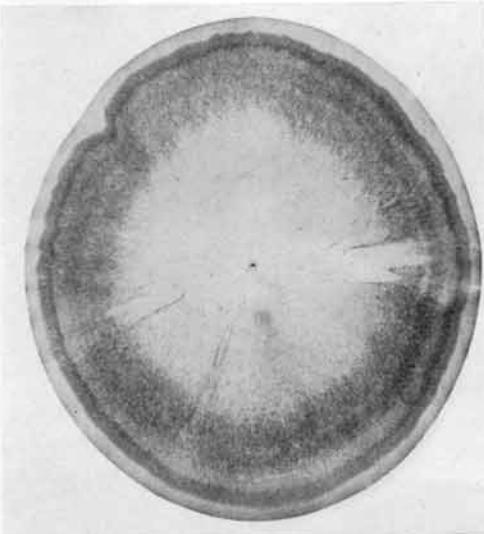
266

11. April, 11 Uhr
11th April, 11 a. m.



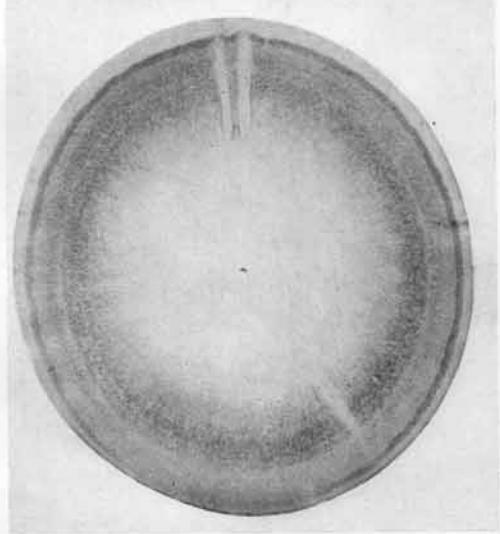
267

11. April, 12 Uhr
11th April, Noon



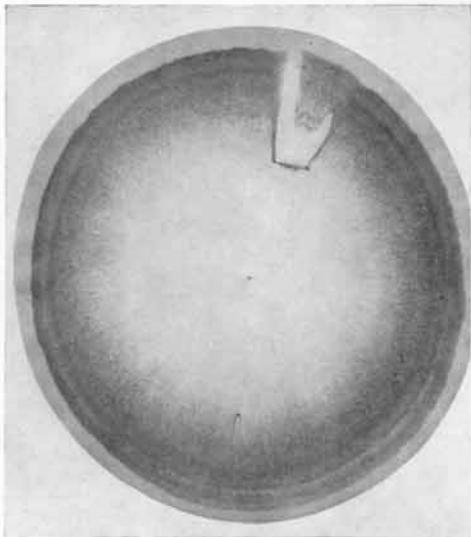
268

11. April, Mitternacht
11th April, Midnight



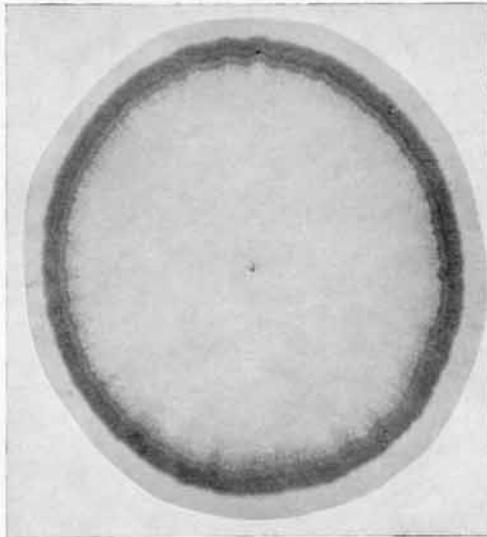
269

12. April, 9 Uhr
12th April, 9 a. m.



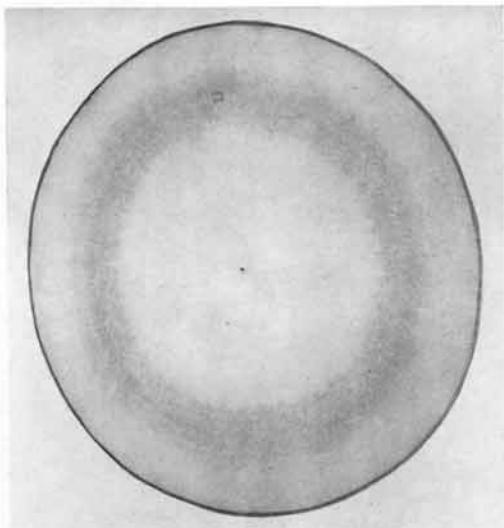
270

12. April, 11 Uhr
12th April, 11 hour



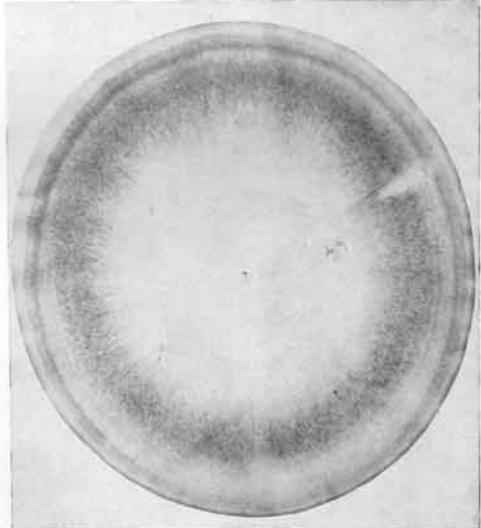
271

12. April 1951
Während der Opposition Saturn-Jupiter
12th April 1951
During the Opposition Saturn-Jupiter



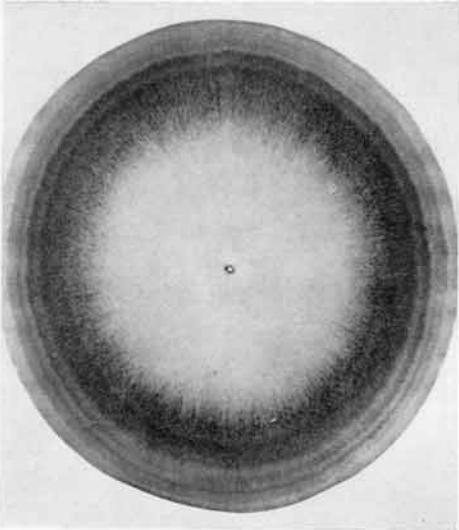
272

12. April
Während der Opposition Saturn-Jupiter
12th April
During the Opposition Saturn-Jupiter



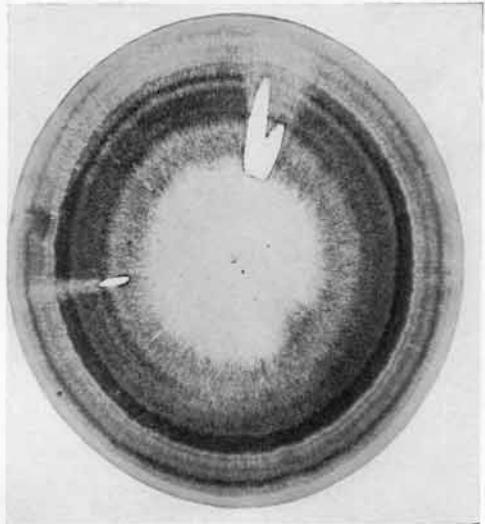
273

12. April, 15 Uhr
12th April 3 p. m.



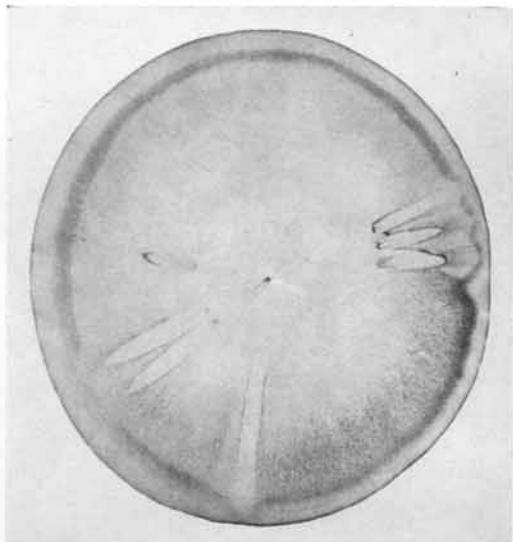
274

13. April, 12 Uhr
13th April, Noon



275

14. April, 11 Uhr
14th April, 11 a. m.



276

14. April, 16 Uhr
14th April, 4 p. m.

**Experimente mit Silber-Eisen-Blei (vertikale Methode)
zur Zeit der 1. Opposition Saturn-Jupiter, April 1951**
**Experiments with Silver-Iron-Lead (vertical Methode)
during the 1st Opposition Saturn-Jupiter, April 1951**



277

9. April, 12 Uhr
9th April Noon



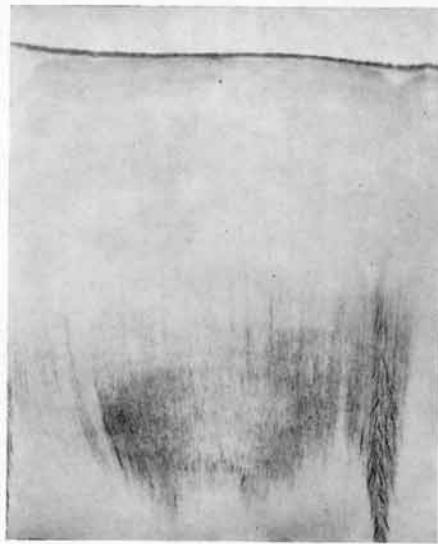
278

10. April, 12 Uhr
10th April Noon



279

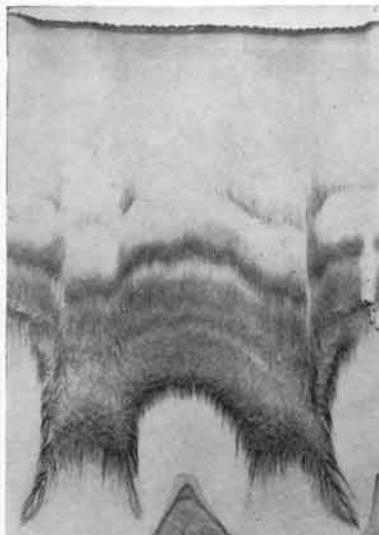
11. April, 12 Uhr
11th April Noon



280

12. April, 12 Uhr
Opposition Saturn-Jupiter

12th April, Noon
During the Opposition Saturn-Jupiter



281

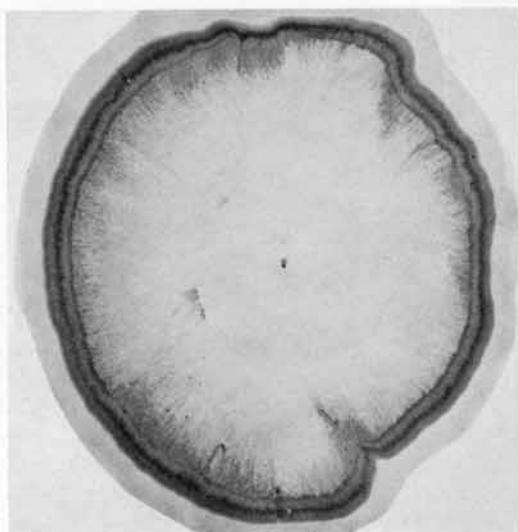
13. April, 12 Uhr
13th April Noon



282

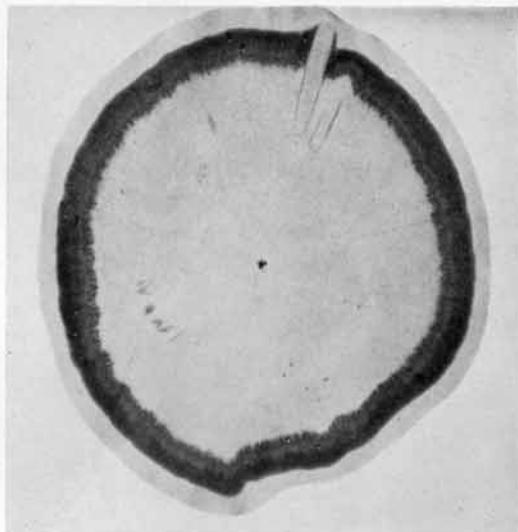
14. April, 12 Uhr
14th April Noon

Die 2. Opposition Saturn-Jupiter im Oktober 1951



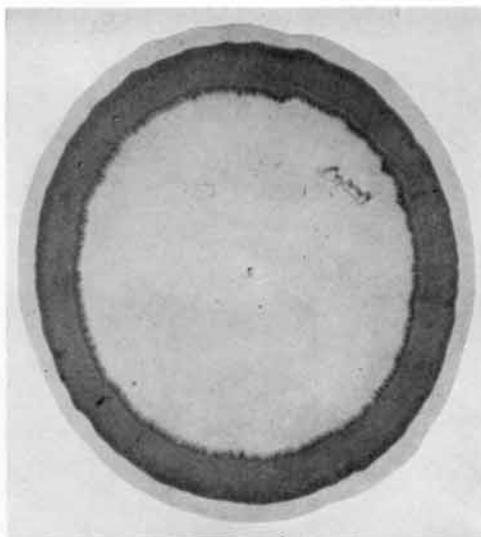
283

13. Oktober, 0 Uhr
13th October, Zero hour



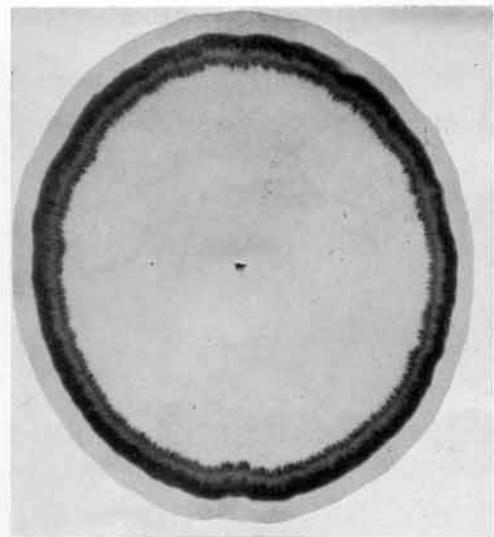
284

14. Oktober, 0 Uhr
14th October, Zero hour



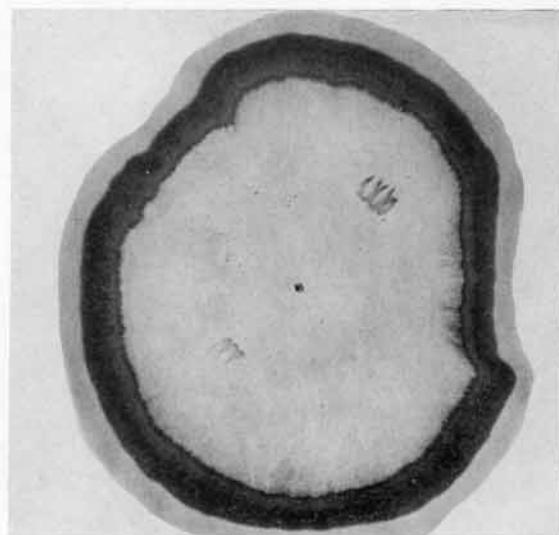
285

15. Oktober, 1 Stunde vor der 2. Opposition
15th October, 1 hour befor the second Opposition



286

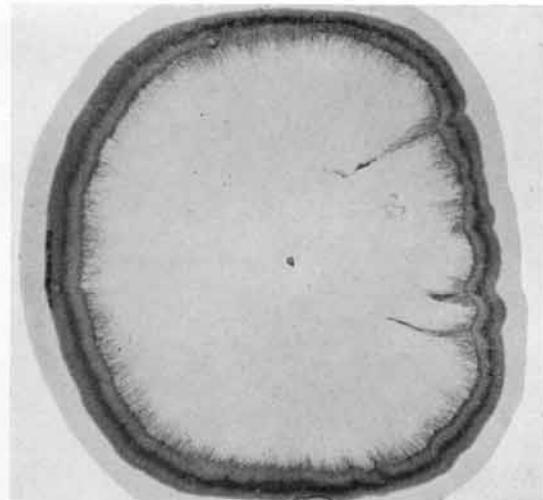
15. Oktober, 2. Opposition Saturn-Jupiter
15th October, 2nd Opposition Saturn-Jupiter



287

16. Oktober, 0 Uhr

16th October, Zero hour



288

17. Oktober, 0 Uhr

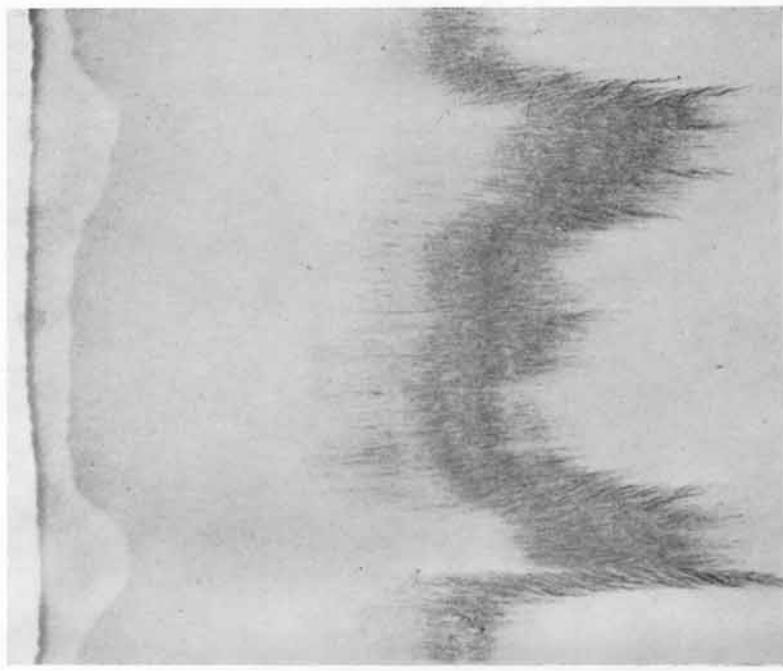
17th October, Zero hour

Vergleichs-Experimente in der vertikalen Steigrichtung
Comparative Experiments with the vertical Method



289

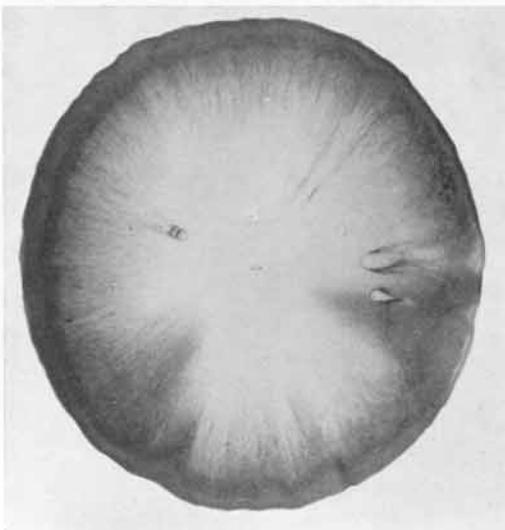
Silber-Eisen-Blei
Ende September 1951 (28. 9.)
Silver-Iron-Lead
End September 1951 (28. 9.)



290

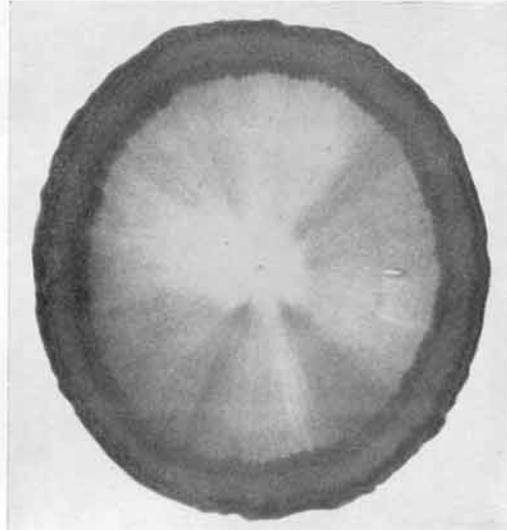
Silber-Eisen-Blei
zur Zeit der 2. Opposition Saturn-Jupiter, 15. Oktober
Farbtöne : hellgelb vom Eisensulfat, die dunklen Töne sind Enzianblau
Silver-Iron-Lead during the time of the second Opposition
Saturn-Jupiter, 15th October
Colours : ochre-yellow (Iron-sulphate) dark tints are Gentianblue

Experimente die zur 3. Opposition Saturn-Jupiter im Februar 1952 hinführen
Experiments leading towards the third Opposition Saturn-Jupiter, February 1952



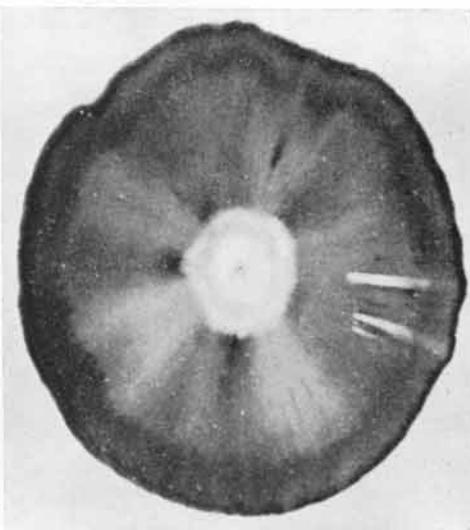
291

3. Februar 1952
3rd February 1952



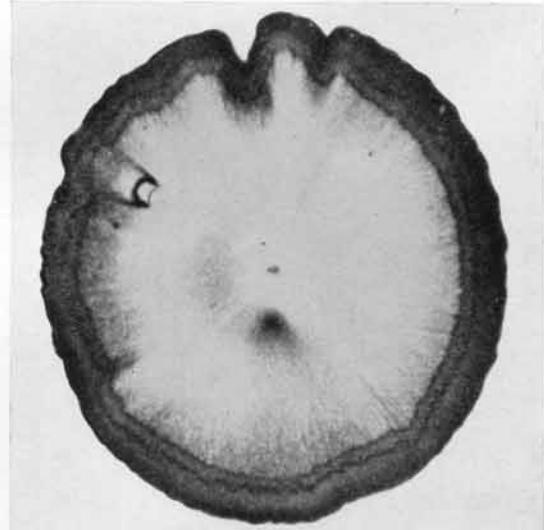
292

6. Februar 1952
6th February 1952



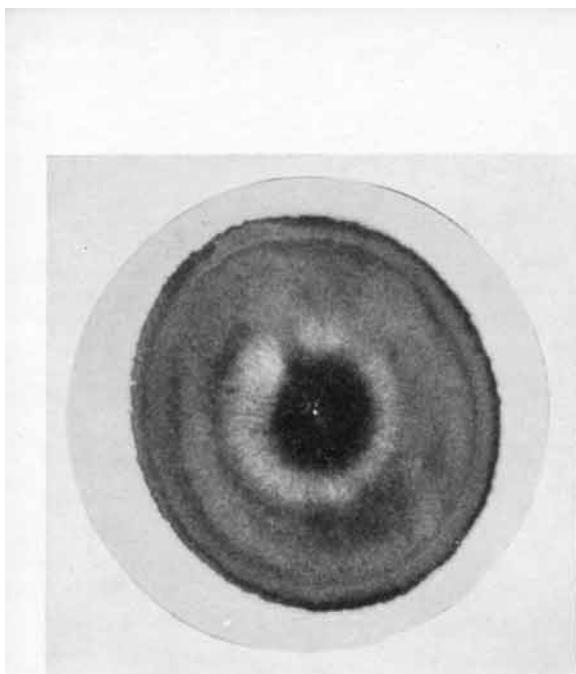
293

9. Februar
9th February



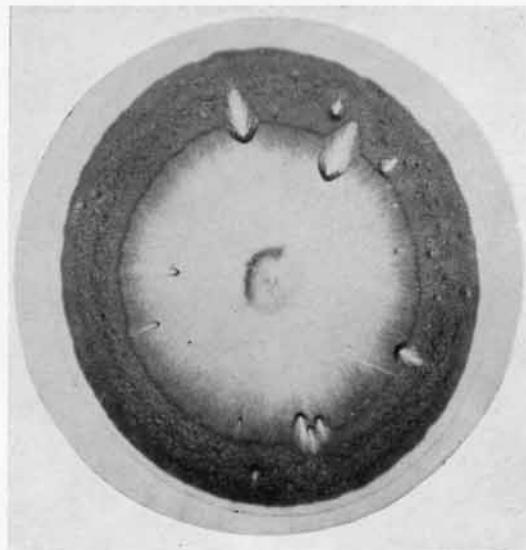
294

12. Februar
12th February



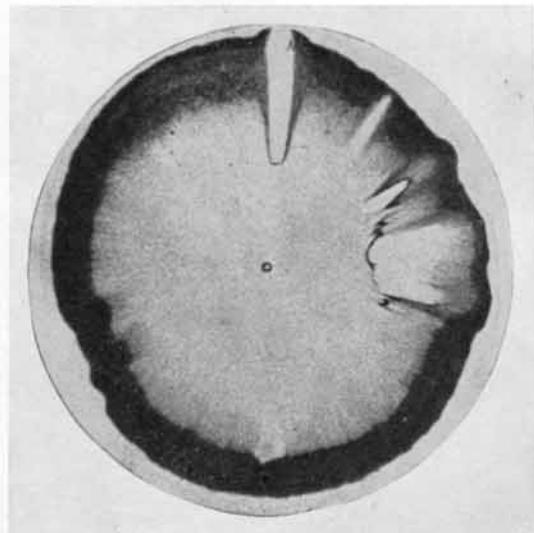
295

15. Februar 1952
Konjunktion Saturn-Mond
15th February 1952
Conjunction Saturn-Moon



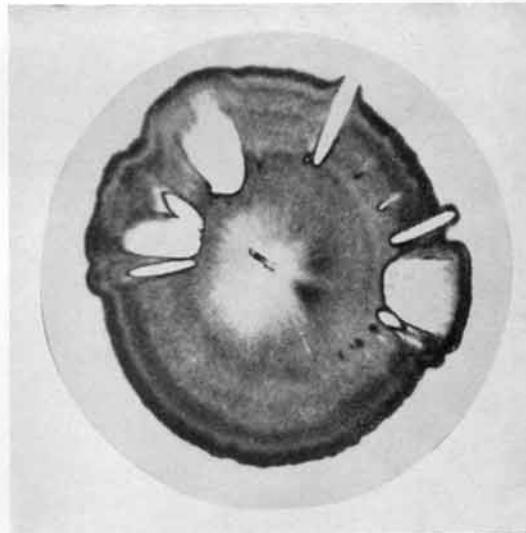
296

15. Februar 1952
2 Stunden nach der Konjunktion
15th February 1952
2 hours after the conjunction



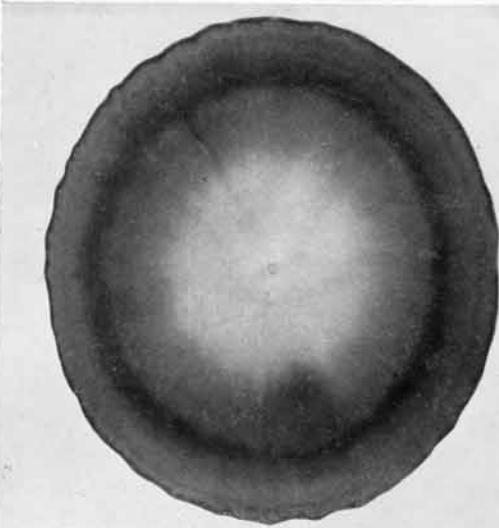
297

16. Februar
16th February



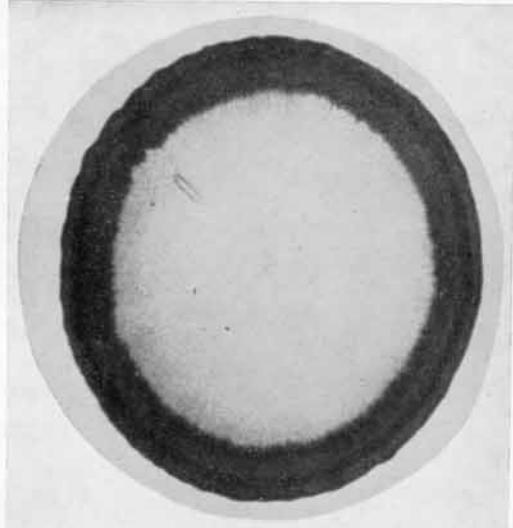
298

19. Februar
19th February



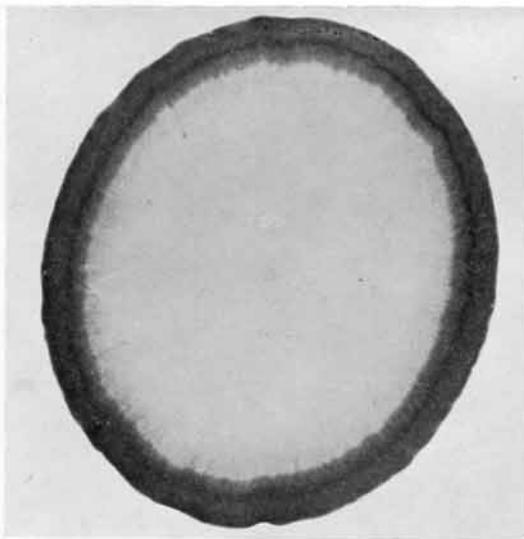
299

20. Februar, 11 Uhr
20th February, 11 a. m.



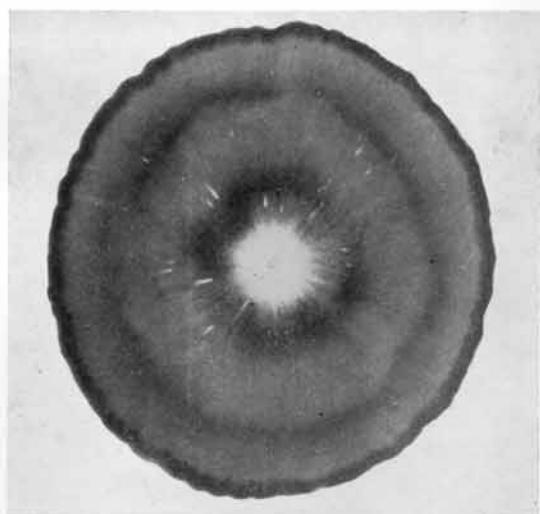
300

21. Februar
Während der 3. Opposition Saturn-Jupiter
During the third Opposition Saturn-Jupiter



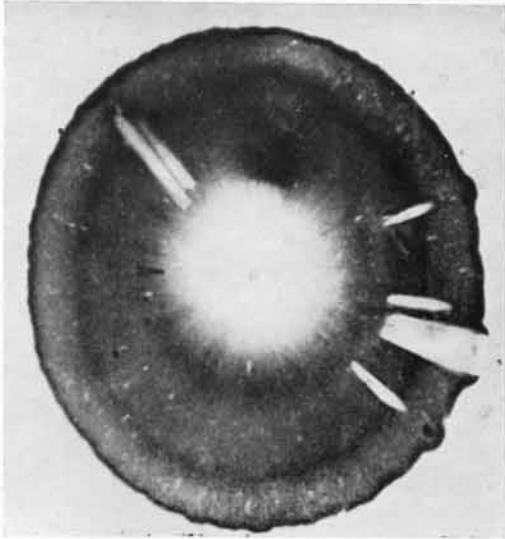
301

21. Februar 1952
Während der 3. Opposition Saturn-Jupiter
During the third Opposition Saturn-Jupiter



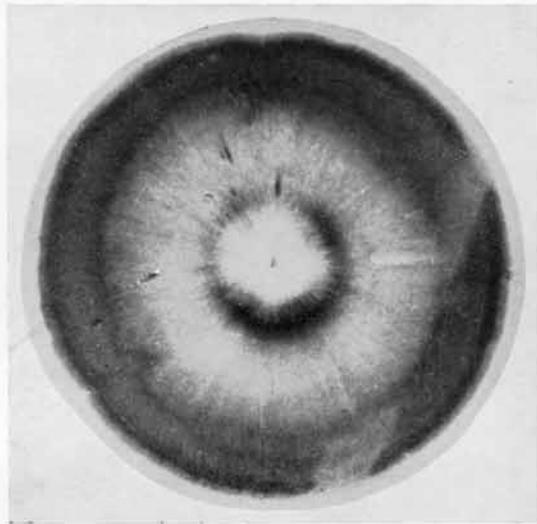
302

21. Februar, 12 Uhr
21th February Noon



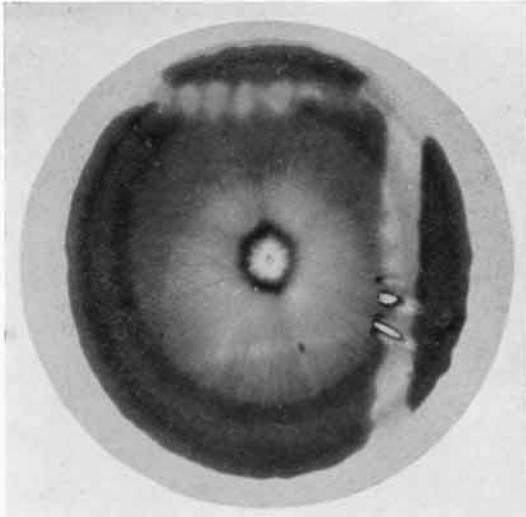
303

21. Februar, 13 Uhr
Zentrum ockergelb, anschließend dunkelblaue Töne.
Einschießende Pfeile leuchtend weiß.
Centre: ochre-yellow, followed by dark blue tints,
intersected by white radiations.



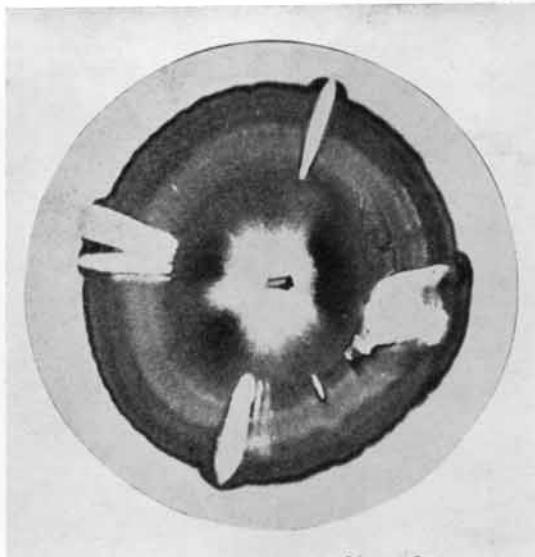
304

21. Februar, 14 Uhr
21th February, 2 p. m.



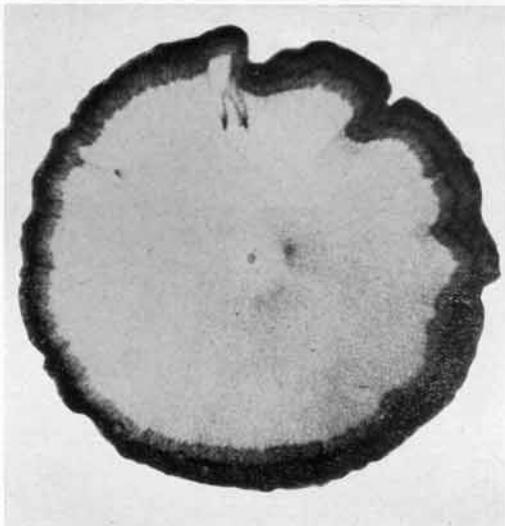
305

21. Februar, 15 Uhr
21th February, 3 p. m.



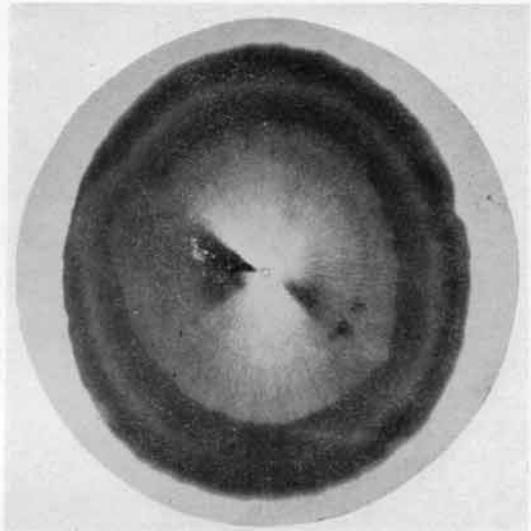
306

23. Februar, 11 Uhr
23rd February, 11 a. m.



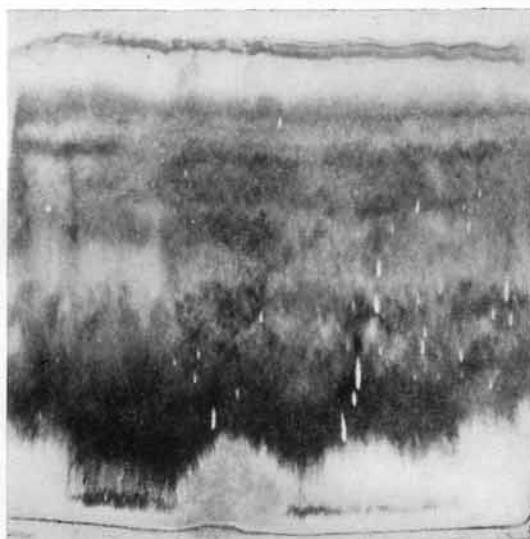
307

24. Februar, 11 Uhr
24th February, 11 a. m.



308

27. Februar
27th February



309

21. Februar
Während der 3. Opposition Saturn-Jupiter
21th February
During the third Opposition Saturn-Jupiter

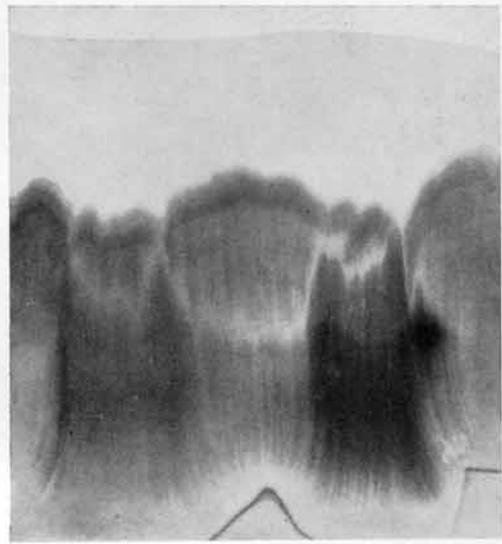
Experimente während der 1. Opposition Saturn-Jupiter
ausgeführt mit 1%igen Lösungen von Goldchlorid und Bleinitrat

Experiments during the 1st Opposition Saturn-Jupiter
carried out with Gold-chloride and Lead-nitrate 1% solutions



310

21. März 1951, Opposition Saturn-Sonne
21th March 1951, Opposition Saturn-Sun



311

11. April 1951, 12 Uhr, 1 Tag vor der Opposition
11th April Noon, 1 day before the Opposition



312

12. April, 12 Uhr, 1. Opposition Saturn-Jupiter
12th April Noon, 1st Opposition Saturn-Jupiter



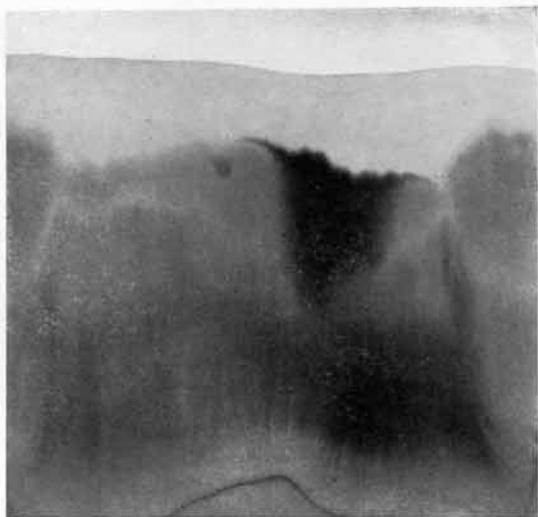
313

13. April, 12 Uhr, 1 Tag nach der Opposition
13th April Noon, 1 day after the Opposition

Experimente mit Goldchlorid und Bleinitrat während der 2. Opposition im Oktober 1951
Experiments with Gold-chloride and Lead-nitrate during the second opposition October 1951



314
1 Tag vorher
1 day before the Opposition



315
1 Tag nachher
1 day after



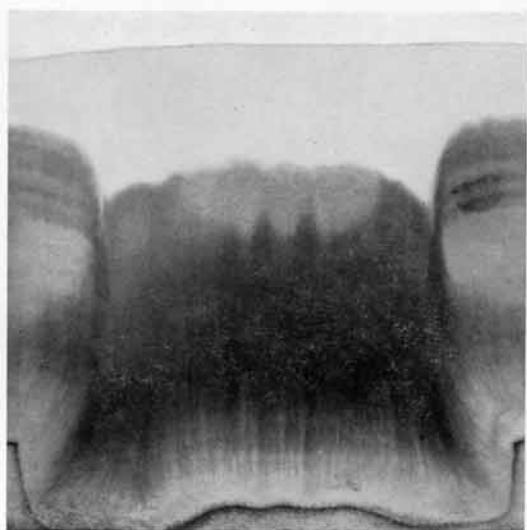
316
15. Oktober, 2. Opposition Saturn-Jupiter
15th October, 2nd Opposition Saturn-Jupiter

Experimente während der 3. Opposition Saturn-Jupiter im Februar 1952
Experiments during the third Opposition Saturn-Jupiter, February 1952



317

1 Tag vor der Opposition
1 Day before the Opposition



318

1 Tag nach der Opposition
1 Day after the Opposition



319

21. Februar 1952
Während der 3. Opposition Saturn-Jupiter
21st February 1952
During the third Opposition Saturn-Jupiter

Einige Experimente mit Silber-Eisen-Blei, farbig reproduziert
Some Experiments with Silver-Iron-Lead in coloured reproduction



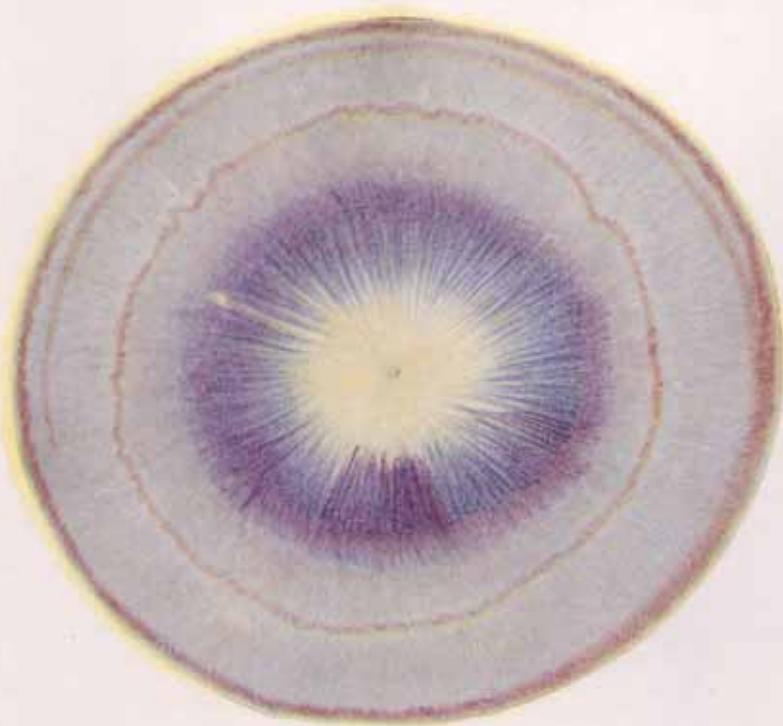
320

9. März 1951, Opposition Saturn-Mond
(vergl. dazu Abb. 252)
9th March 1951, Opposition Saturn-Moon
(compare with fig. 252)



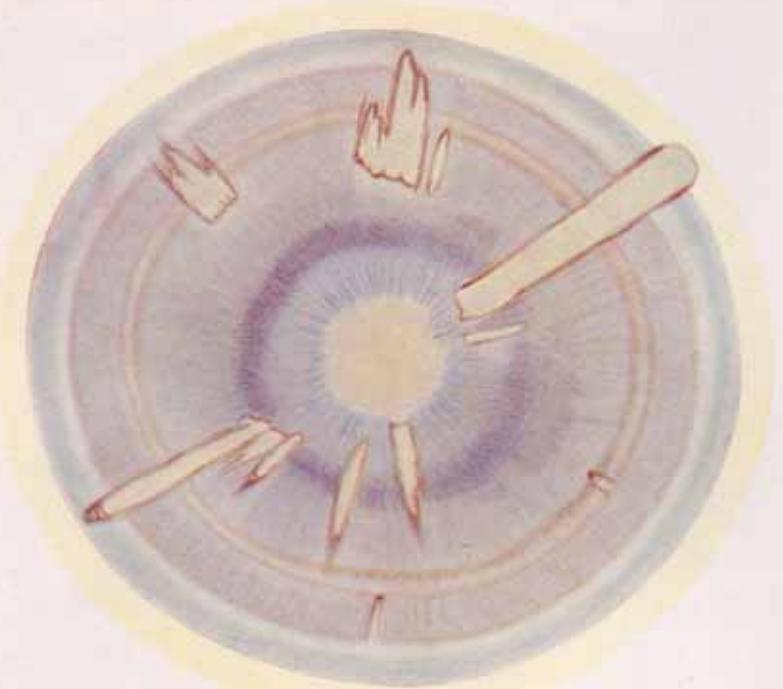
321

16. März 1951, Opposition Saturn-Merkur
(vergl. dazu Abb. 255)
16th March 1951, Opposition Saturn-Mercury
(compare with fig. 255)



322

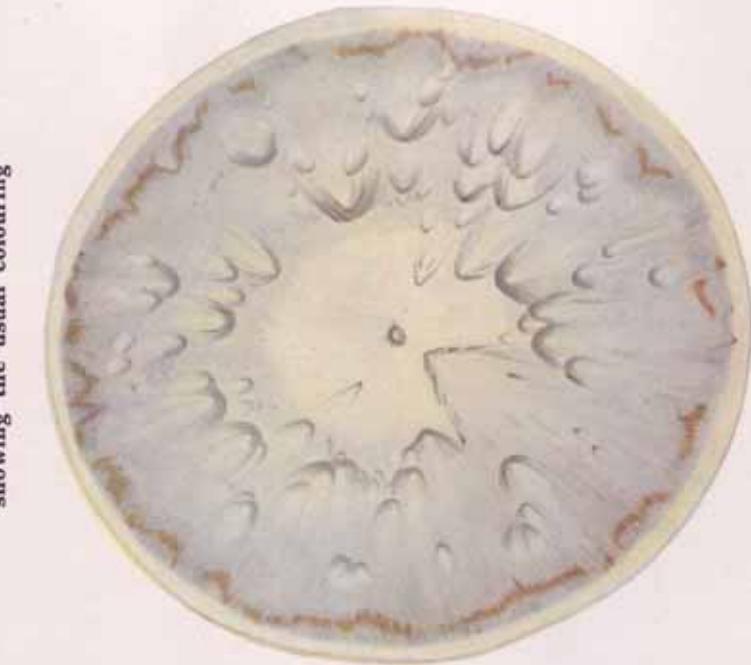
21. März 1951, Opposition Saturn-Sonne
(vergl. dazu Abb. 257)
21st March 1951, Opposition Saturn-Sun
(compare with fig. 257)



323

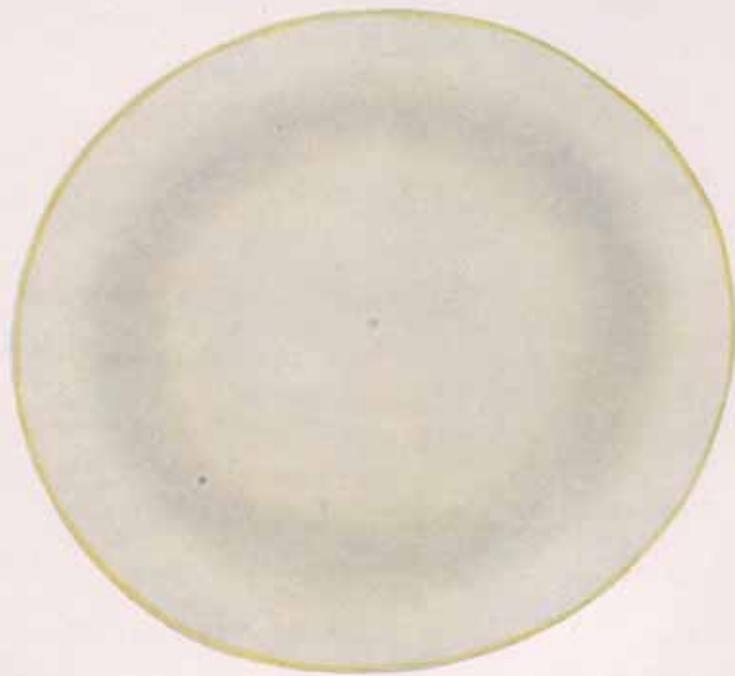
23. März 1951, Konjunktion Saturn-Mond
(vergl. dazu Abb. 259)
23rd March 1951, Conjunction Saturn-Moon
(compare with fig. 259)

Beispiel eines charakteristischen Experiments mit Silber-Eisen-Blei
in den normal auftretenden Farbtönen
Example of a characteristic Experiment with Silver-Iron-Lead
showing the usual colouring



324

325



12. April 1951
Silber-Eisen-Blei während der Opposition Saturn-Jupiter
12th April 1951
Silber-Iron-Lead during the Opposition Saturn-Jupiter