KCL Department of Biophysics: series of acetate and glass slides of x-ray diffraction images of DNA and RNA

Contributors

King's College London, Department of Biophysics MRC Biophysics Research Unit

Publication/Creation

1950-1968

Persistent URL

https://wellcomecollection.org/works/wuhmr6bc

License and attribution

You have permission to make copies of this work under a Creative Commons, Attribution, Non-commercial license.

Non-commercial use includes private study, academic research, teaching, and other activities that are not primarily intended for, or directed towards, commercial advantage or private monetary compensation. See the Legal Code for further information.

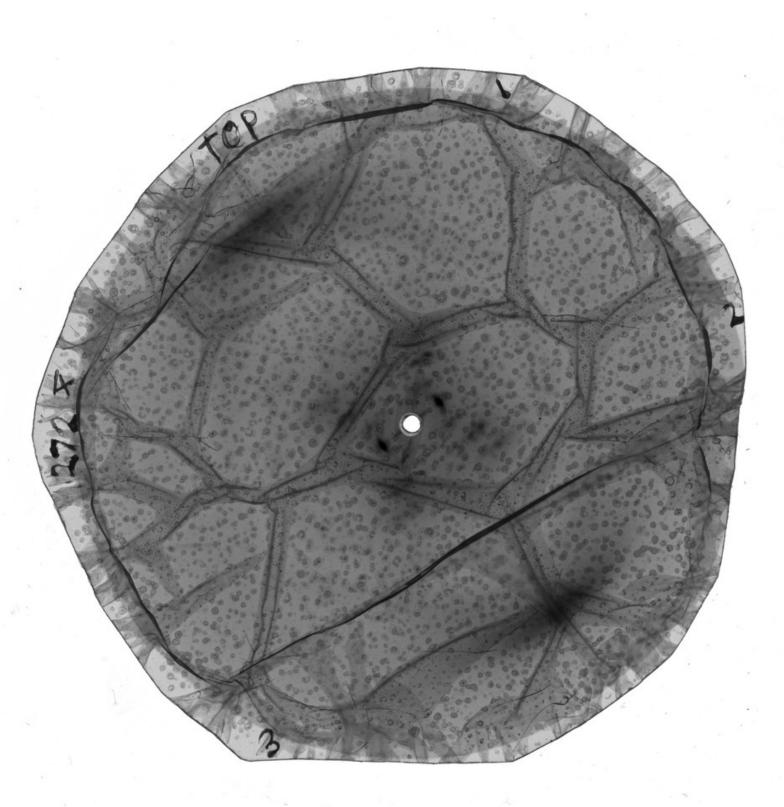
Image source should be attributed as specified in the full catalogue record. If no source is given the image should be attributed to Wellcome Collection.

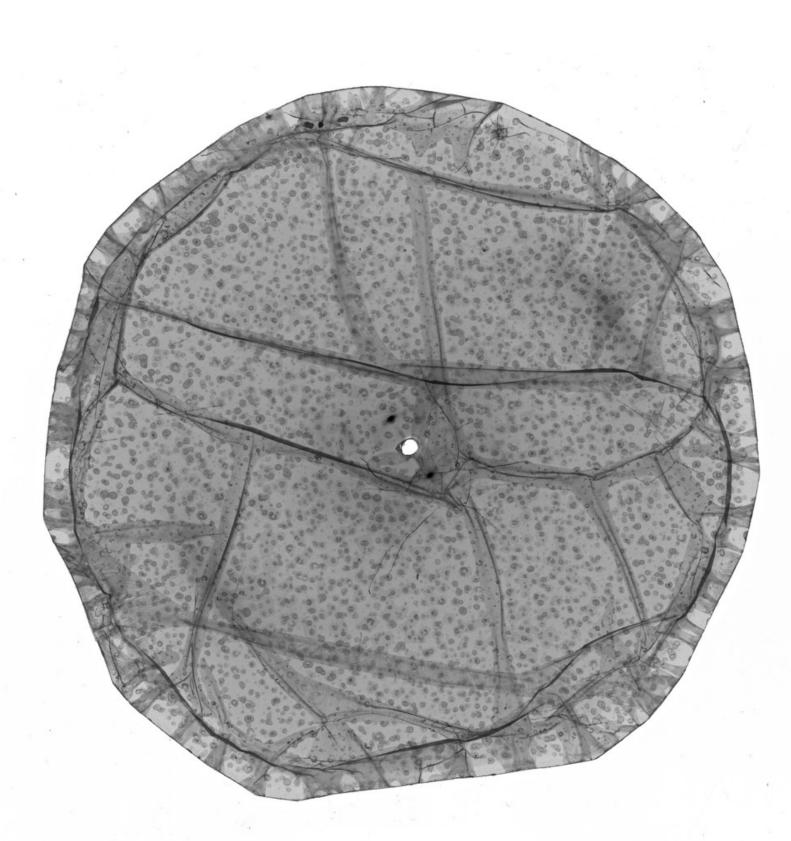


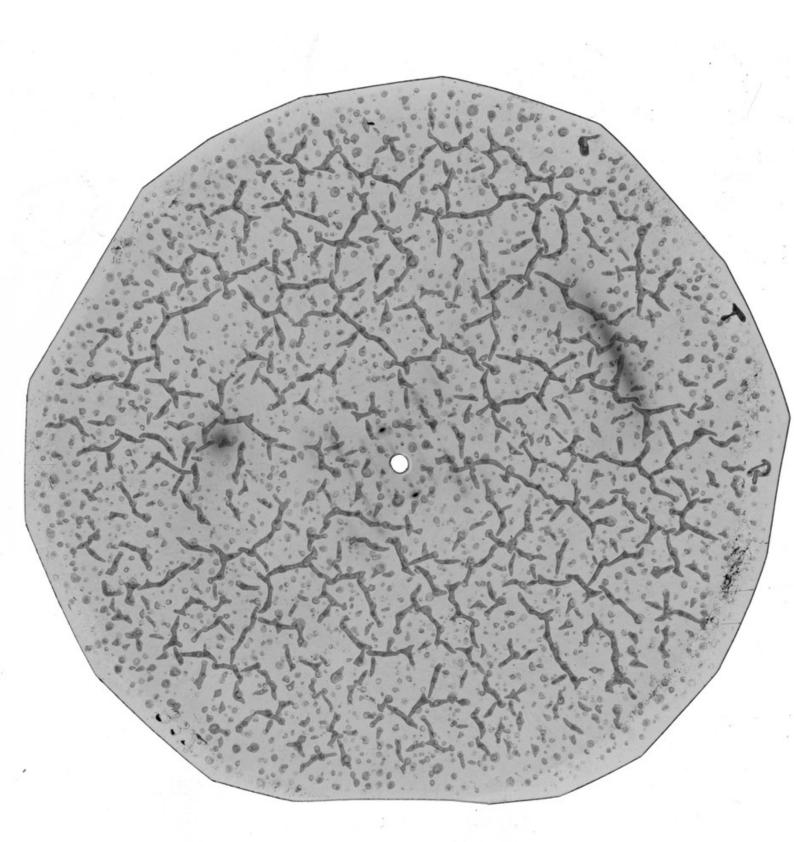
Wellcome Collection 183 Euston Road London NW1 2BE UK T +44 (0)20 7611 8722 E library@wellcomecollection.org https://wellcomecollection.org Unable to display this page



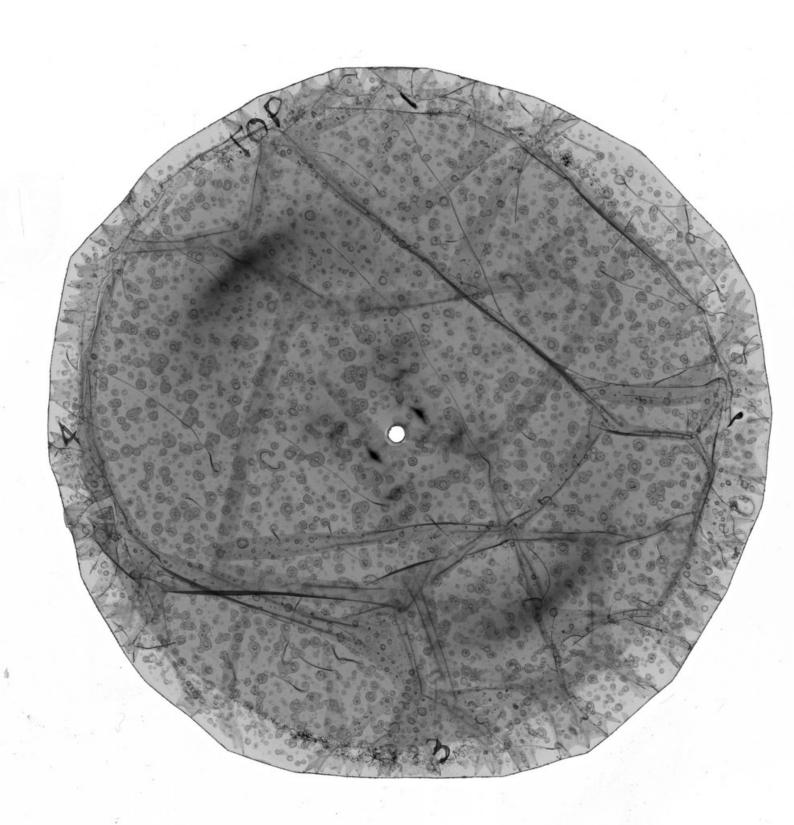
432 Brian's [Chromoss?] Material



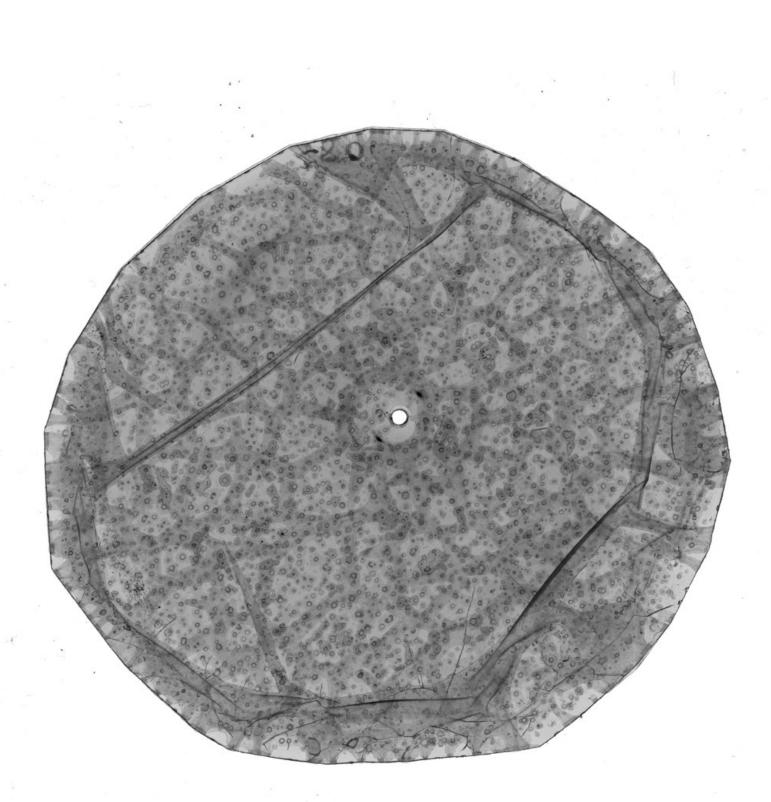




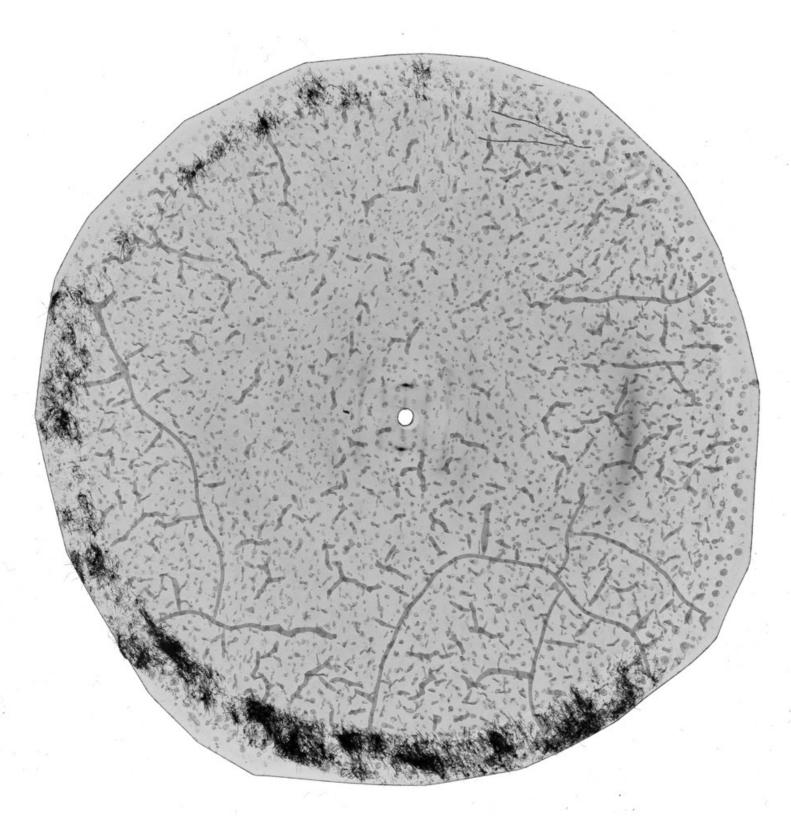
B L80 [B-type LiDNA]



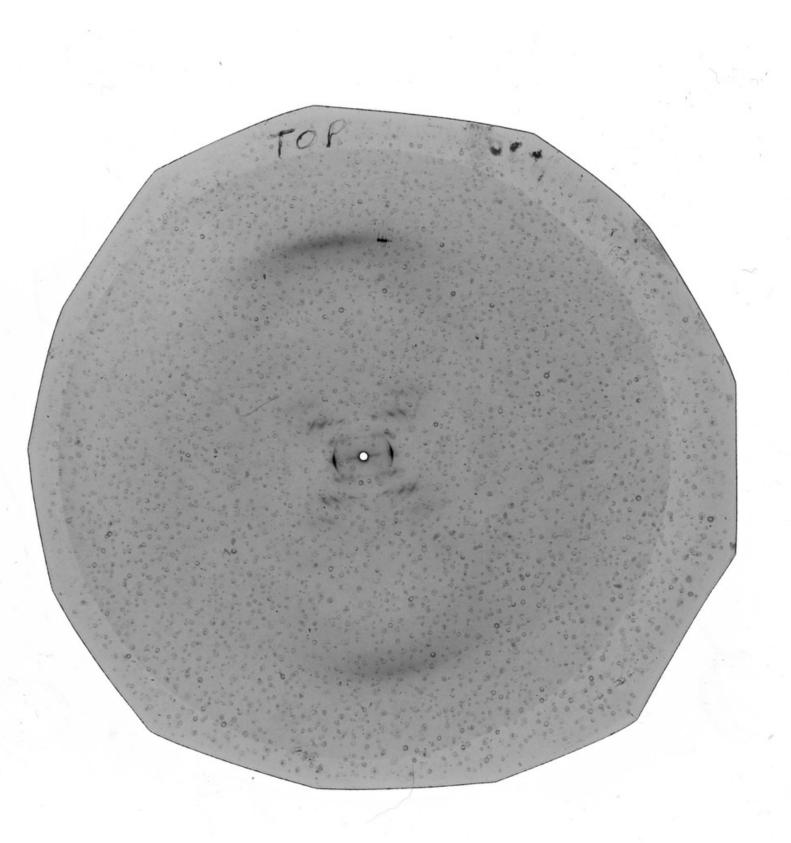
B L80 [B-type LiDNA]



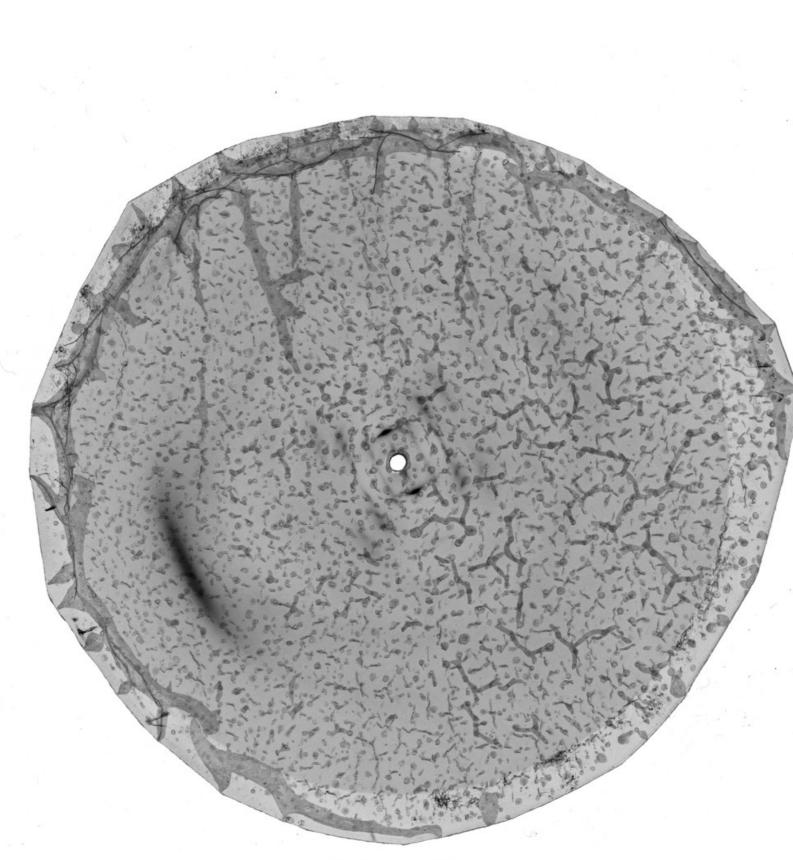
280 B [B-type DNA]



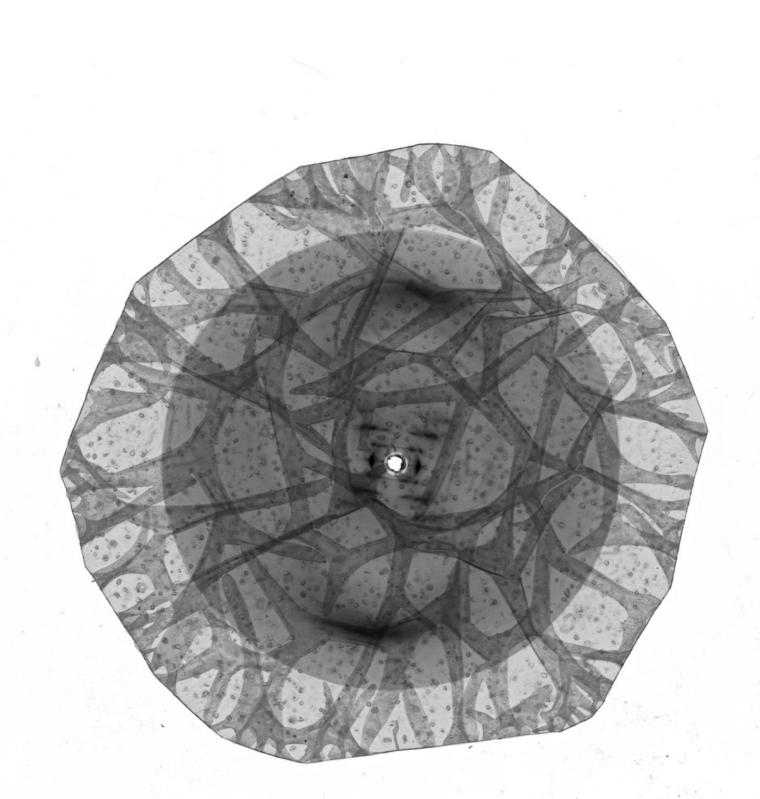
430 343 [B-type DNA]



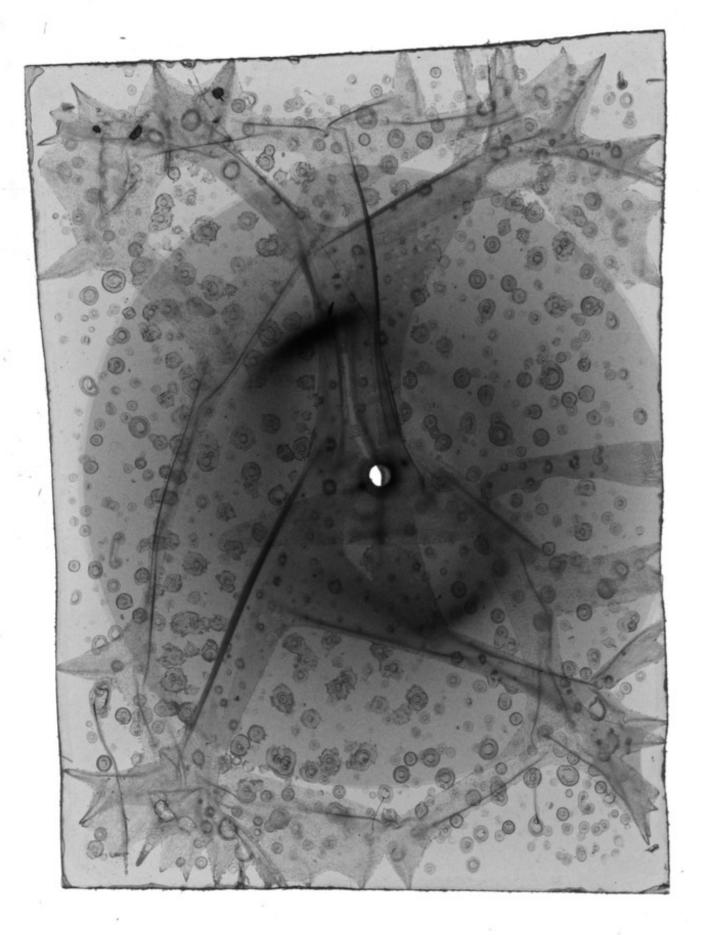
430 343 [B-type DNA]



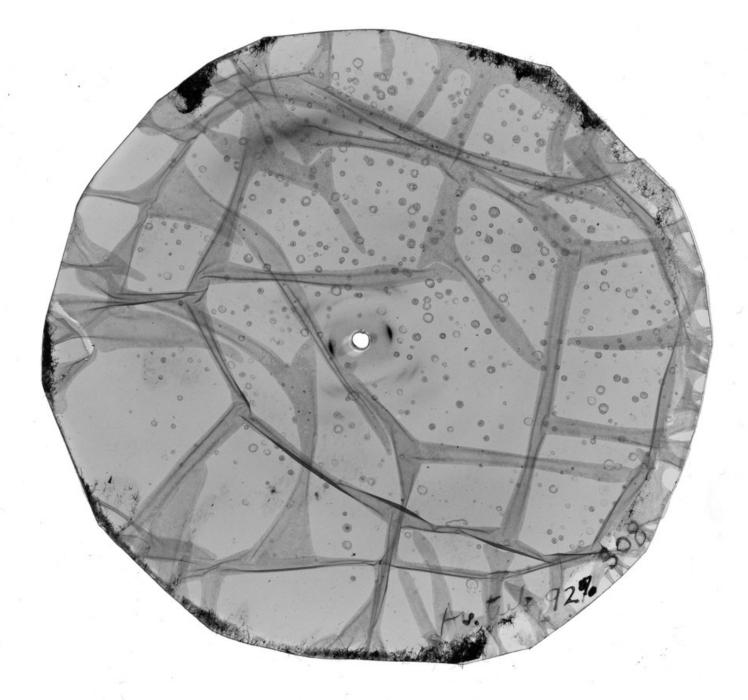
343 [B-type DNA]



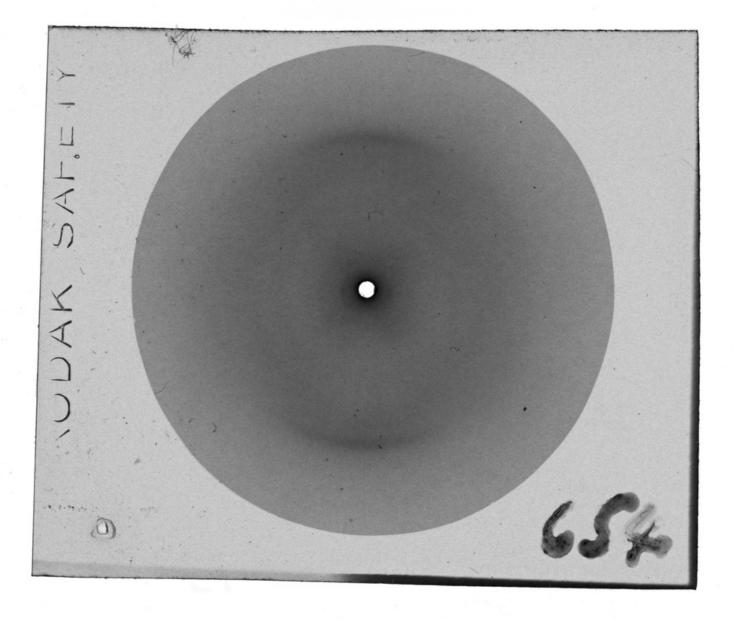
375 6 days [exposure] KH2 PO4 1 days exp.[osure] [B-type DNA]

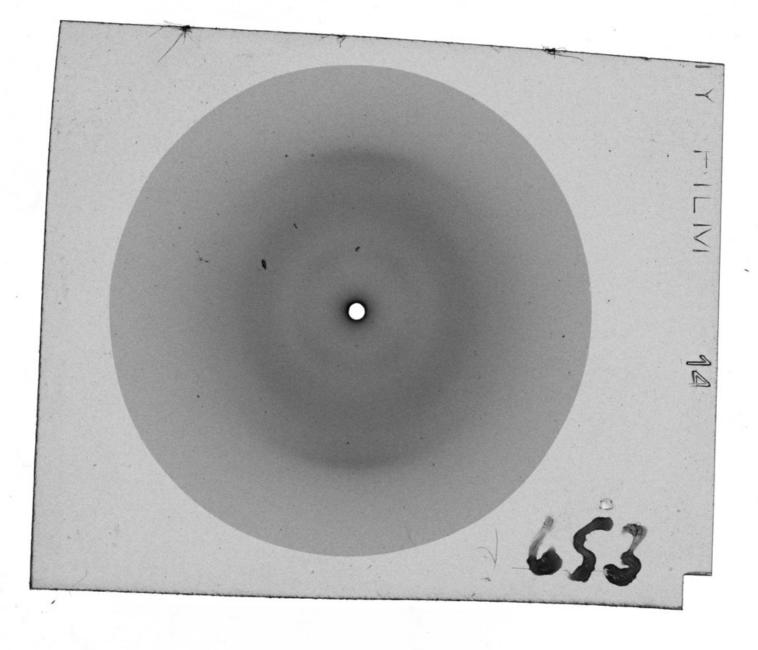


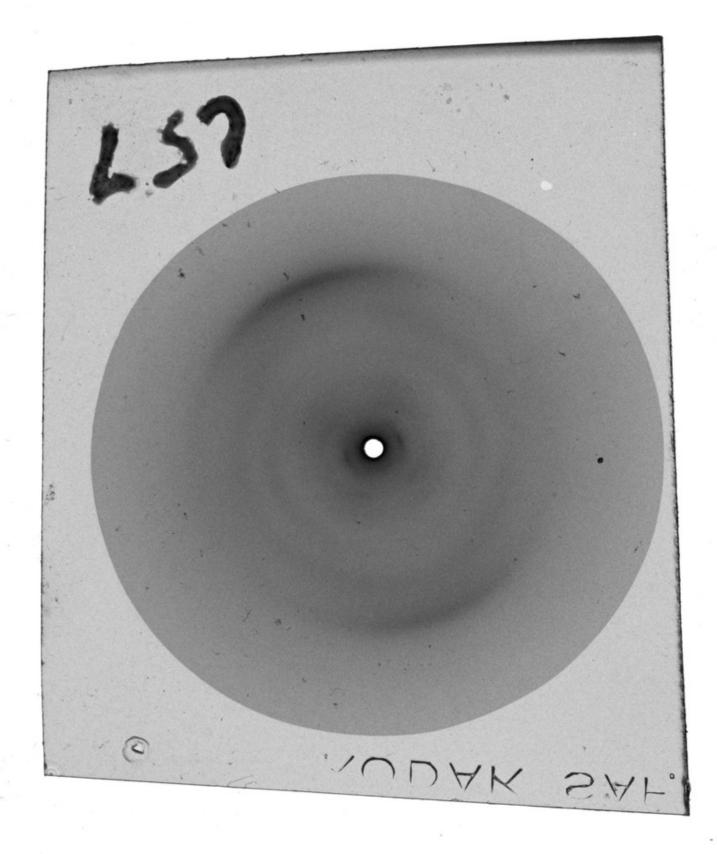
367 [B-type DNA]

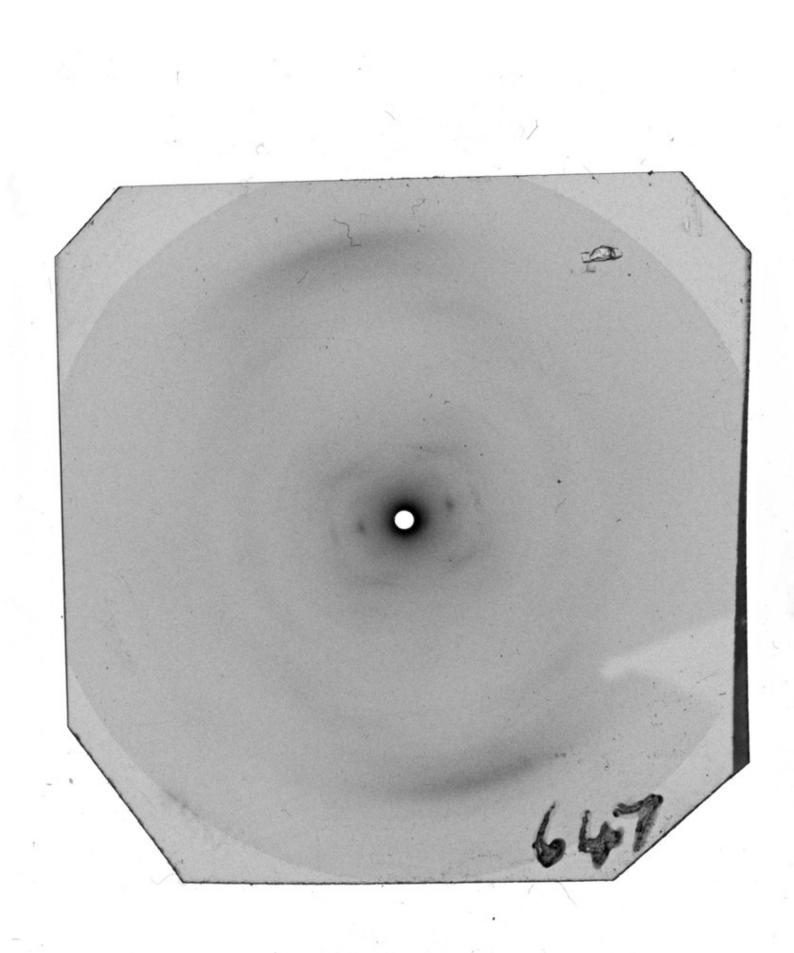


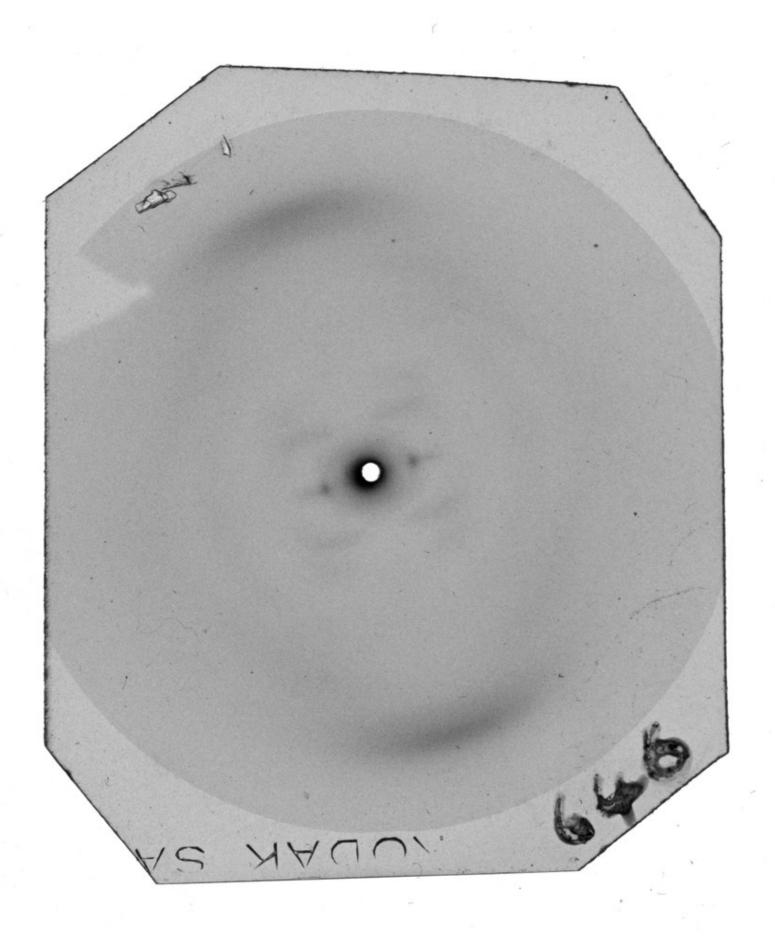
367 [B-type DNA]

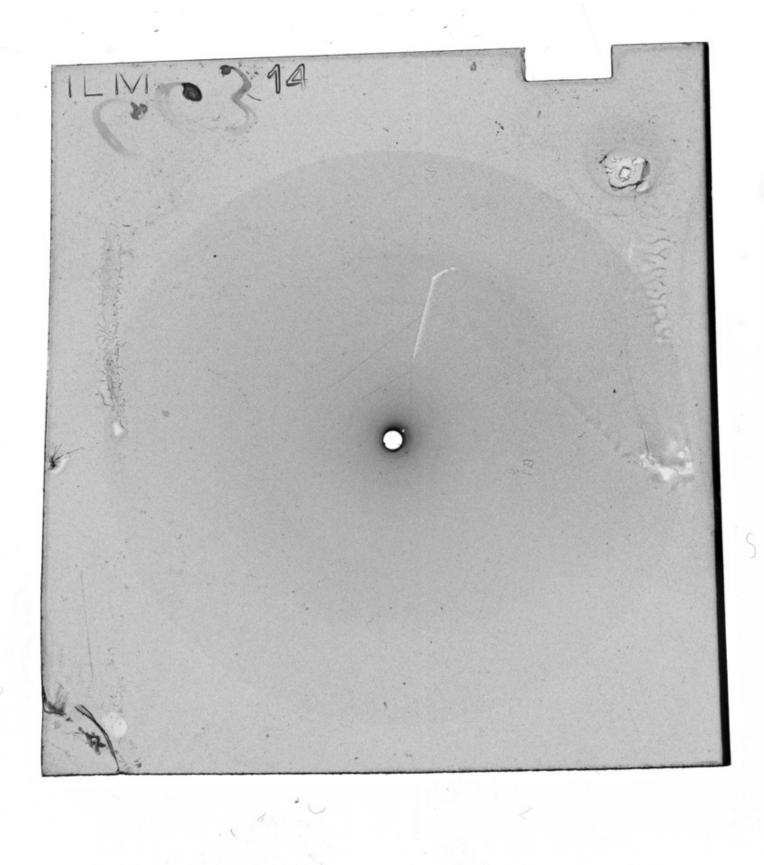


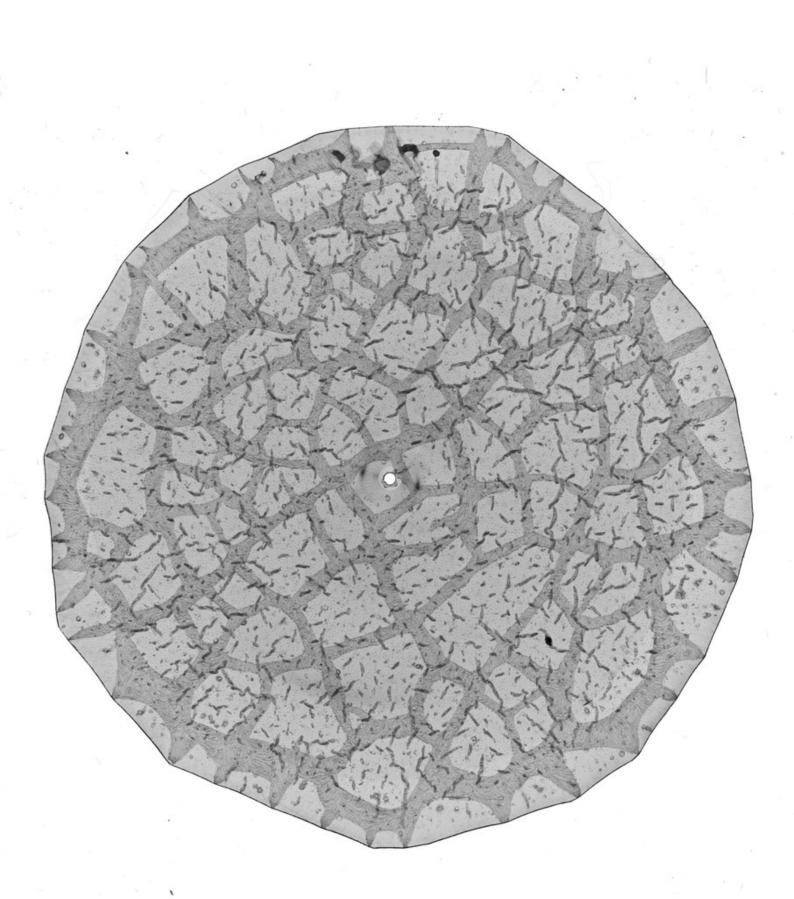


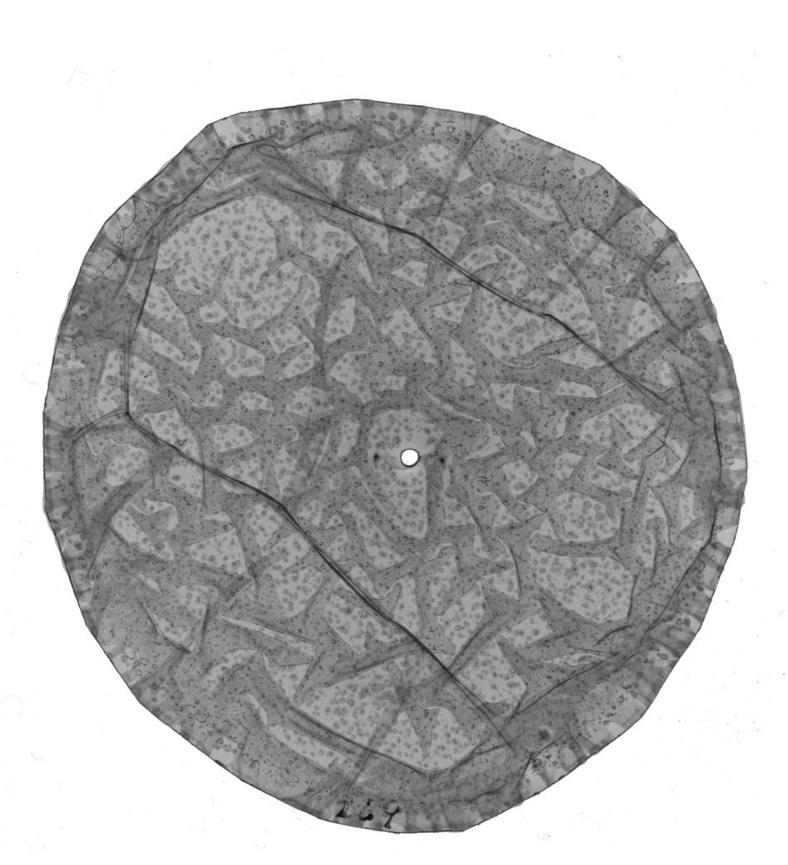




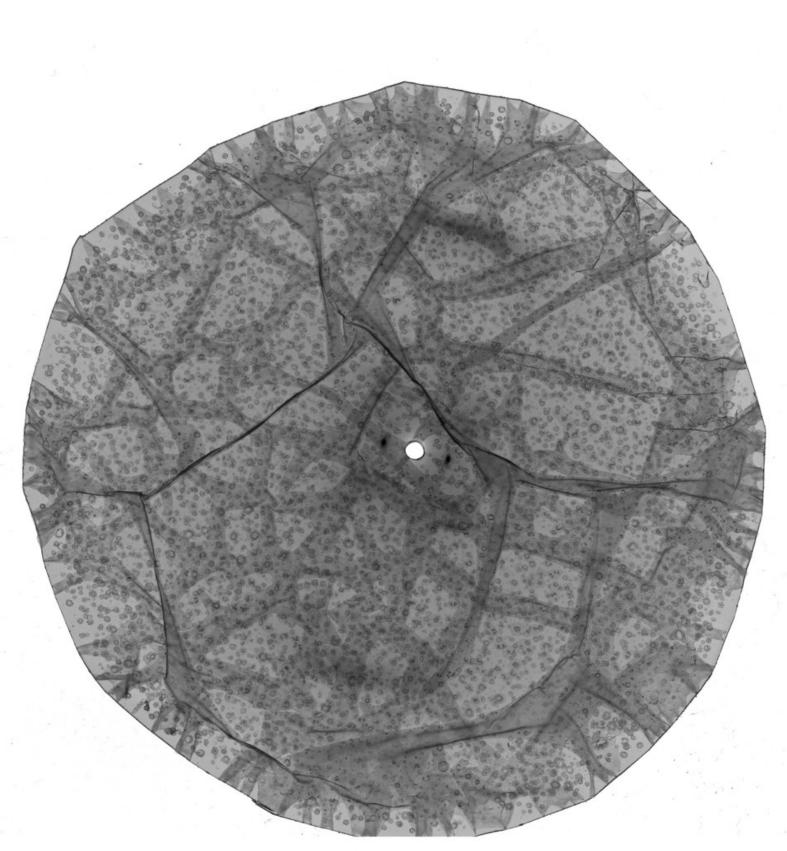




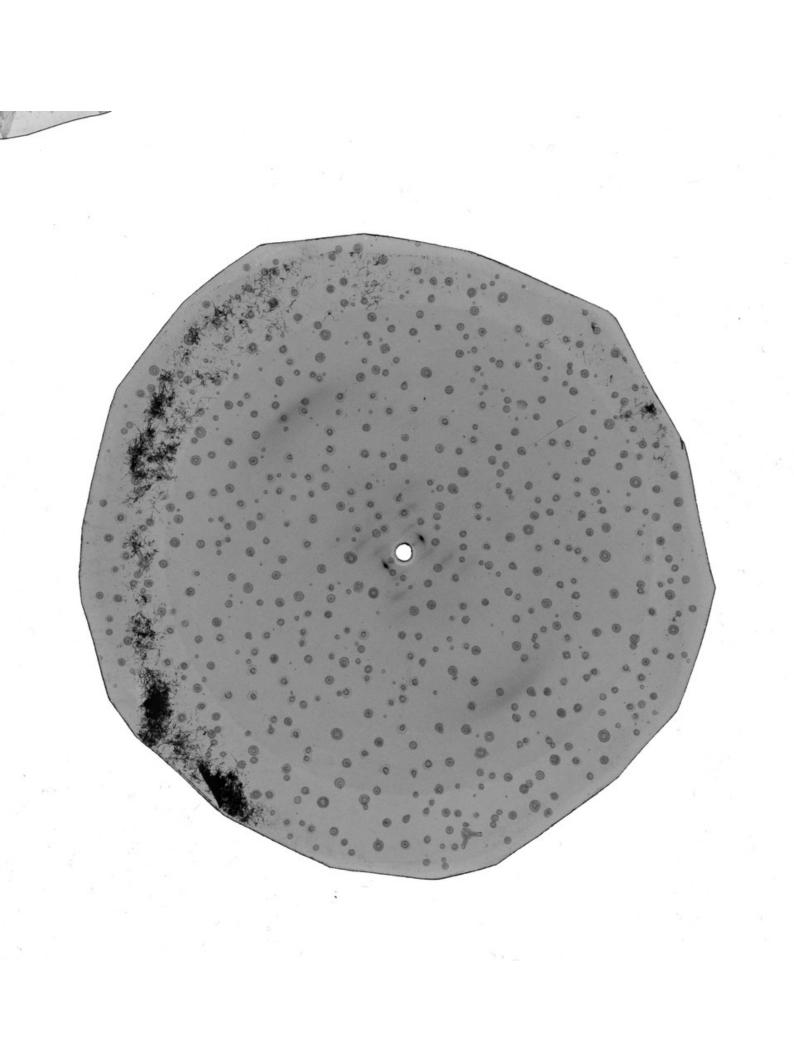


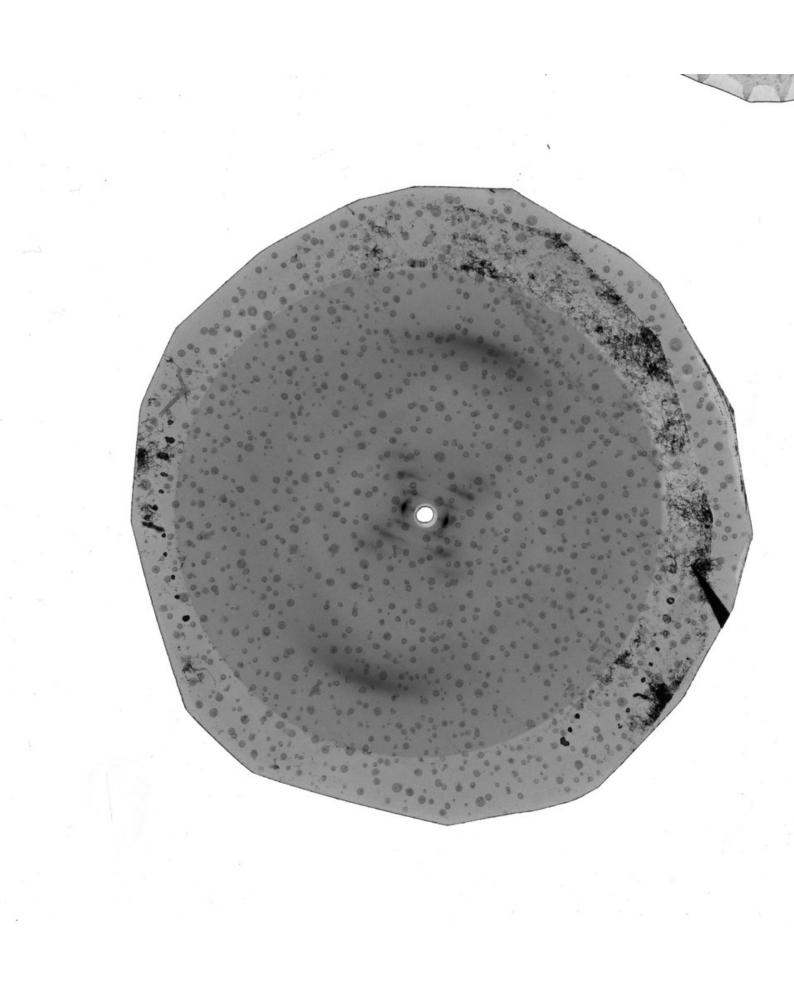


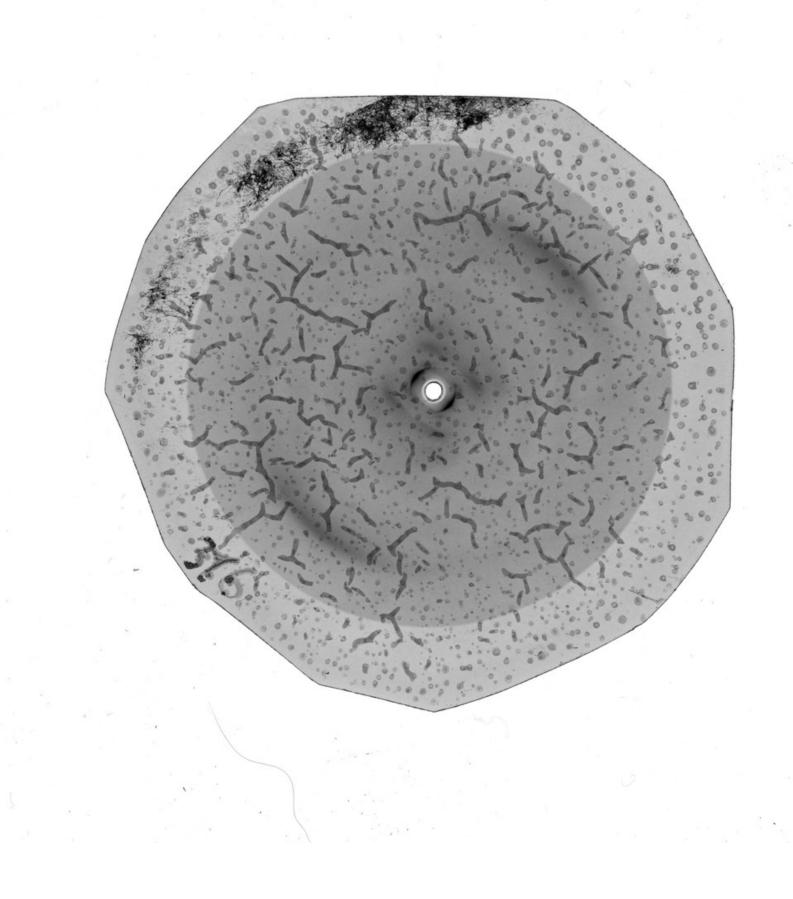
No. 269

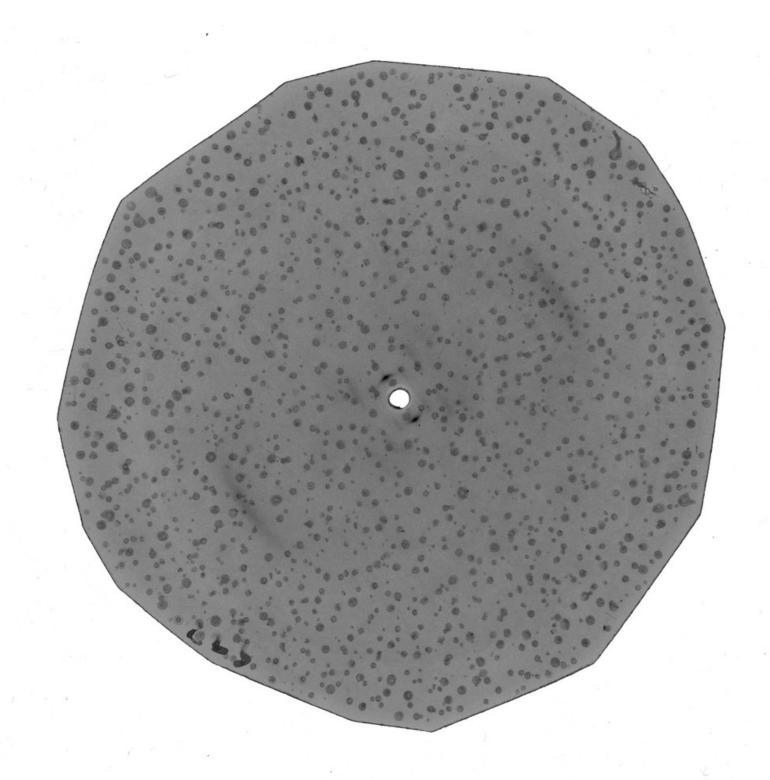


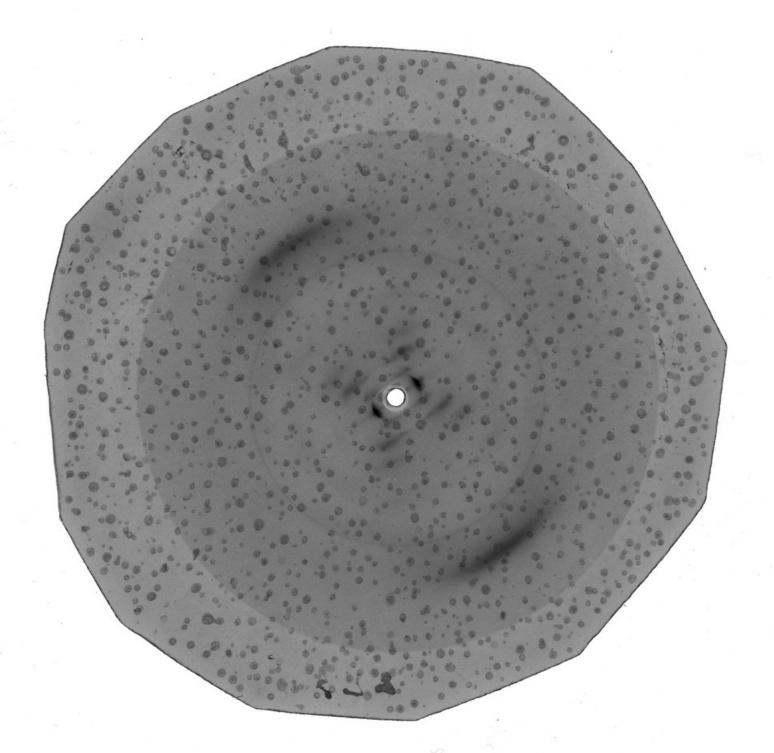
No. 269

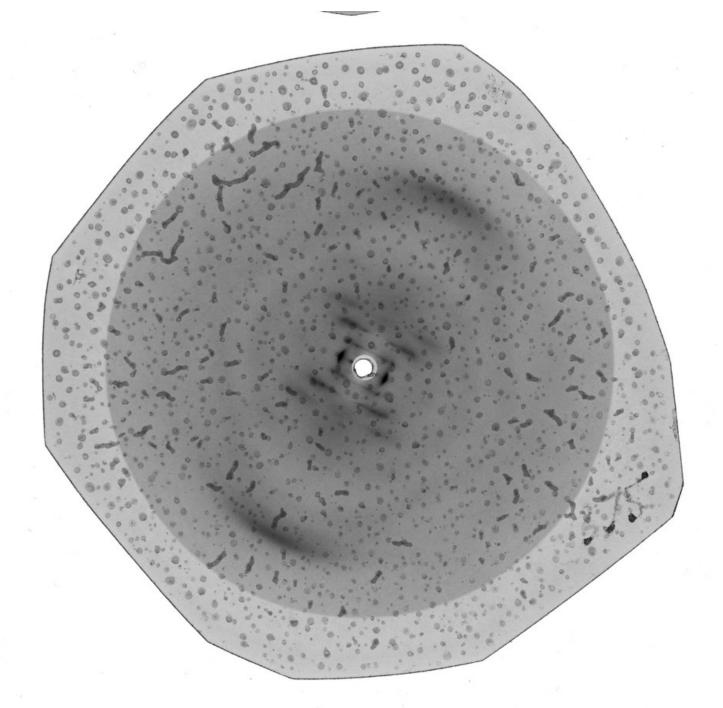


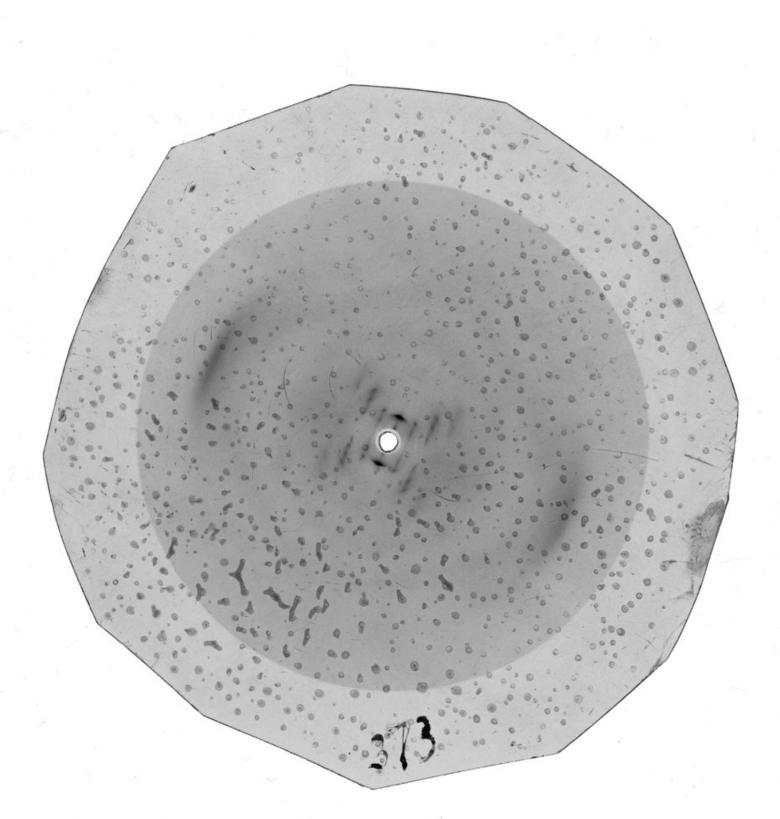


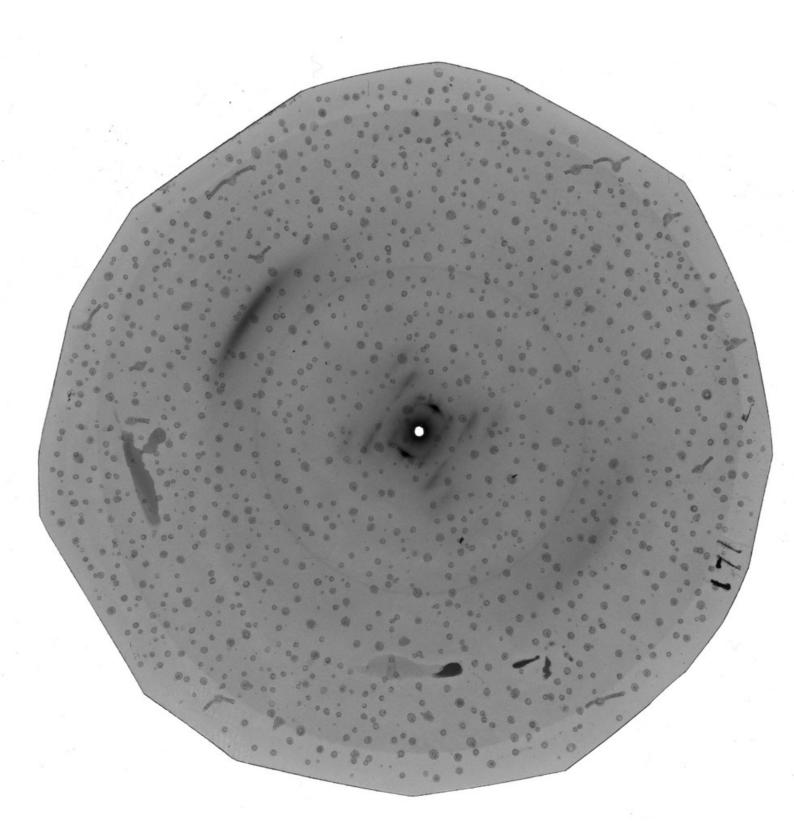


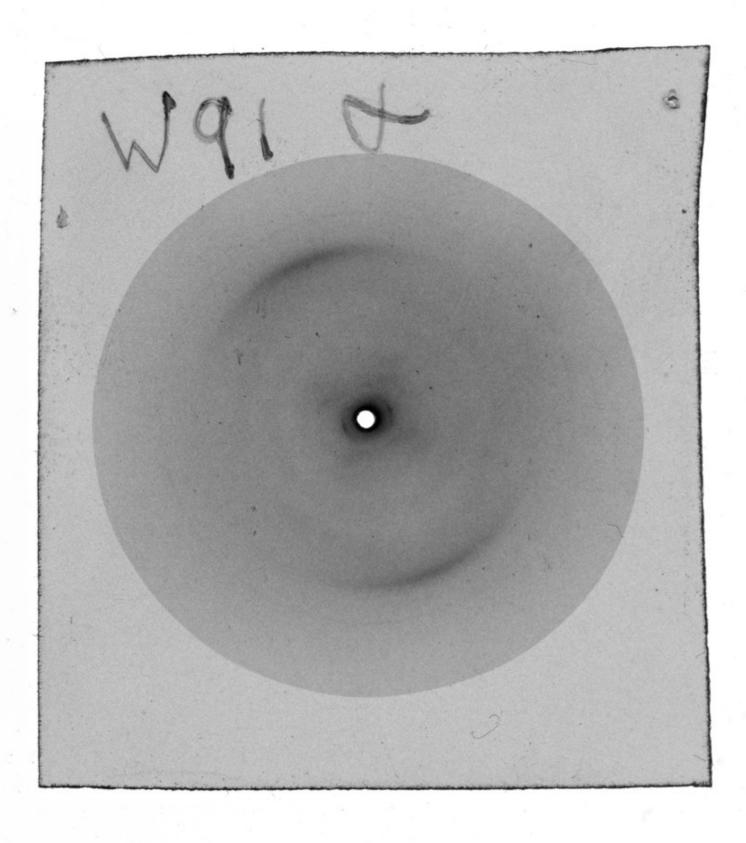


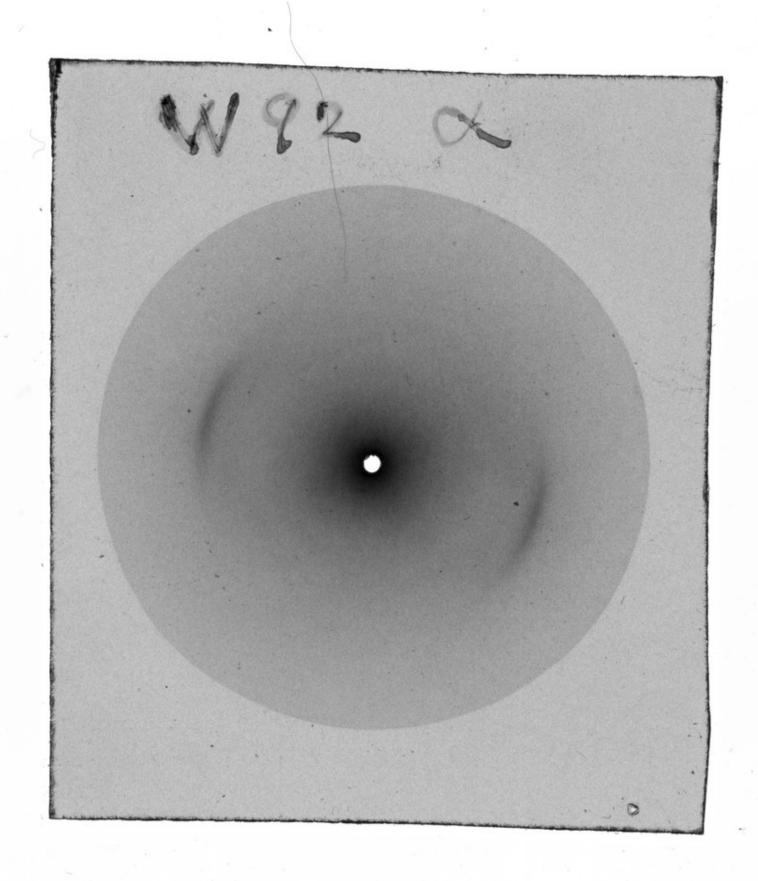


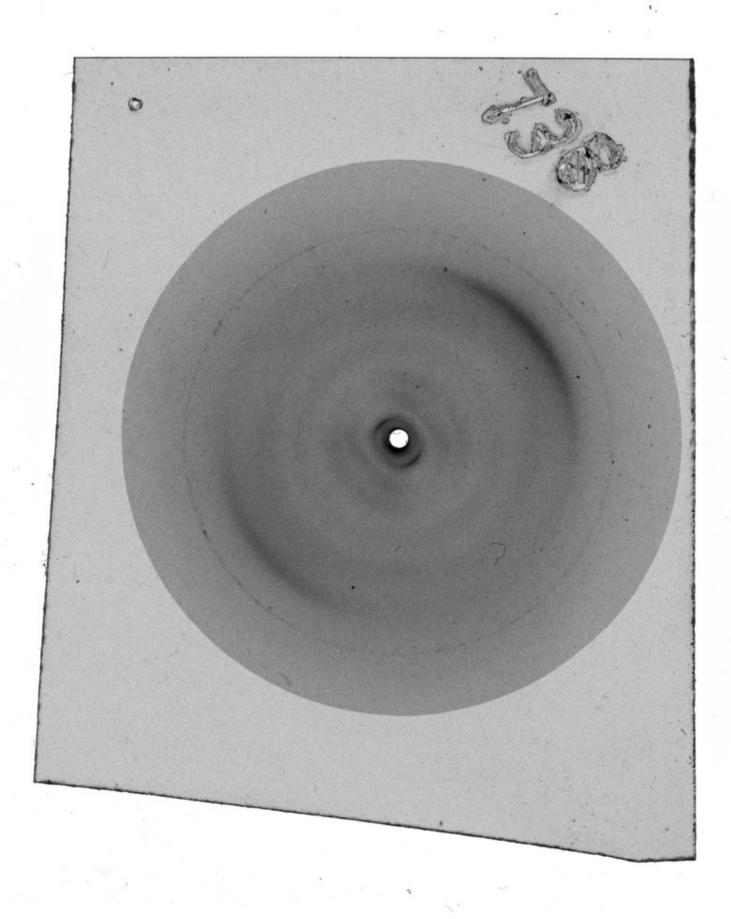


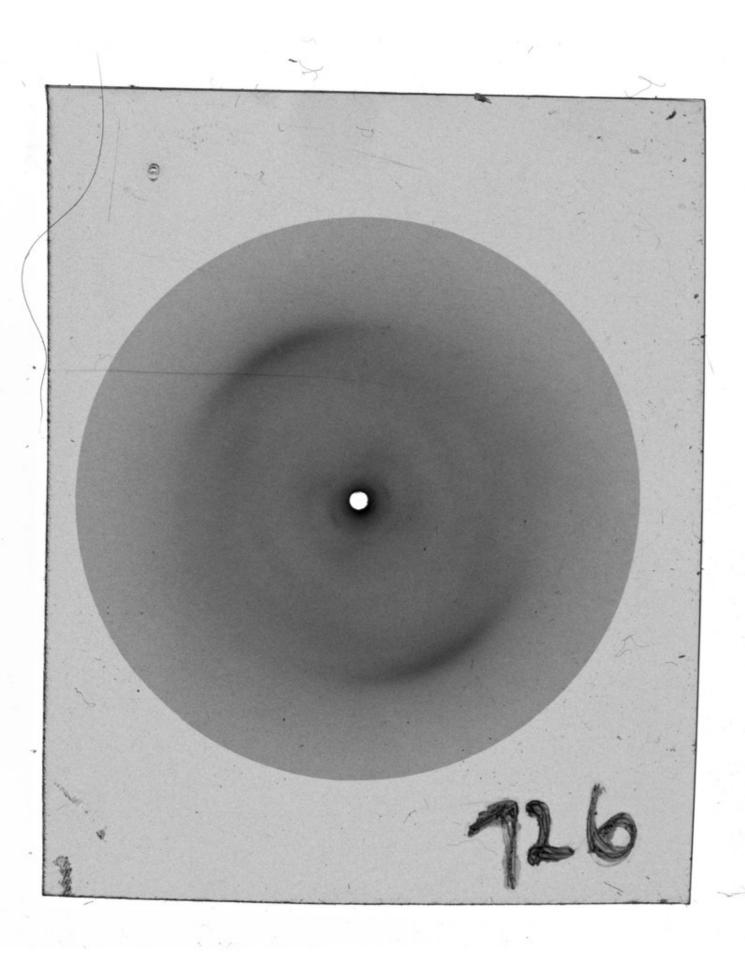


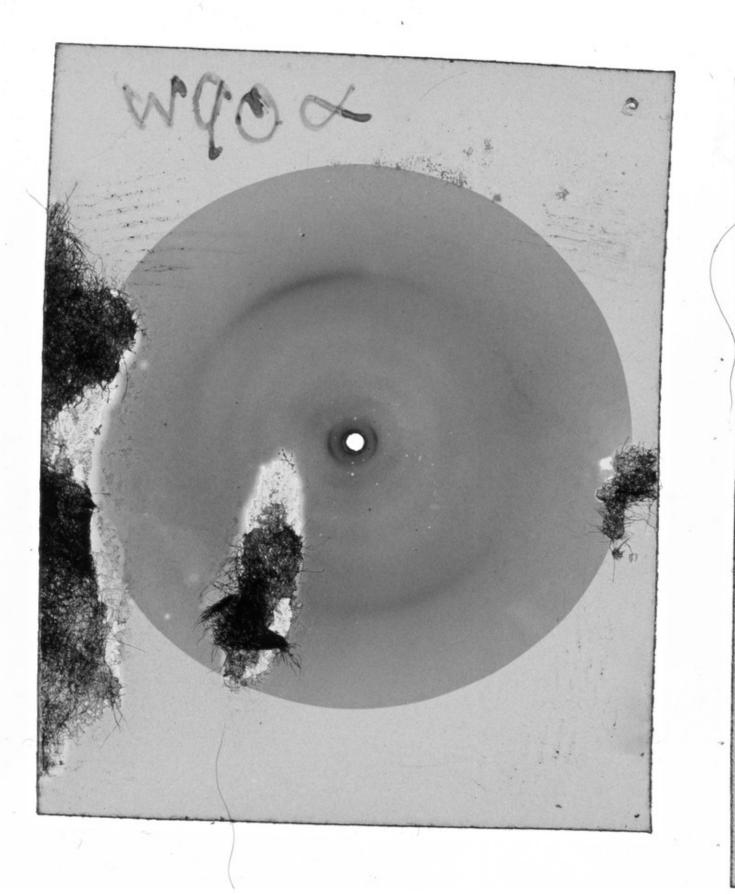


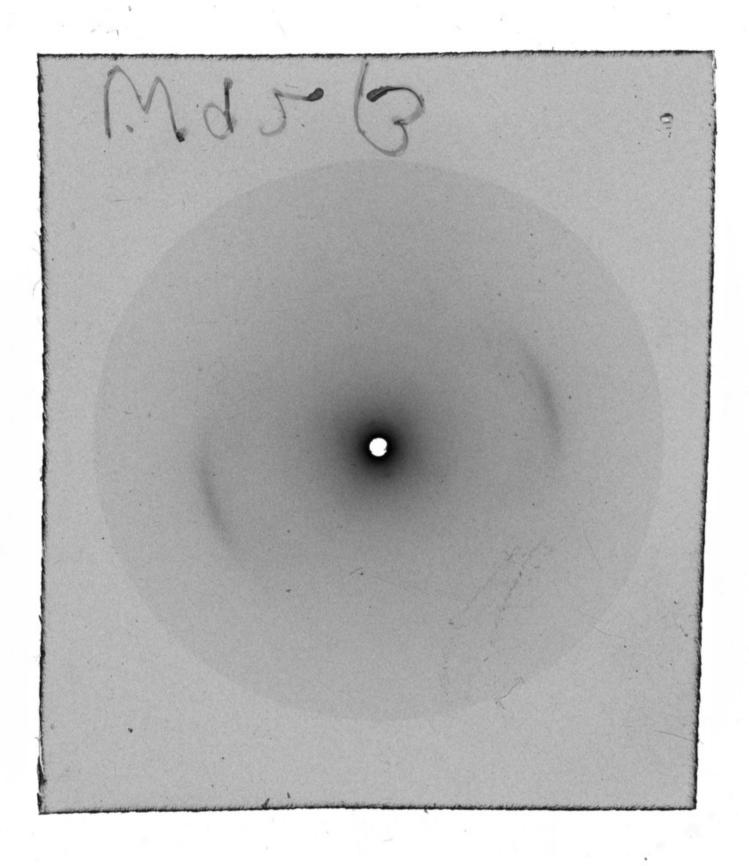




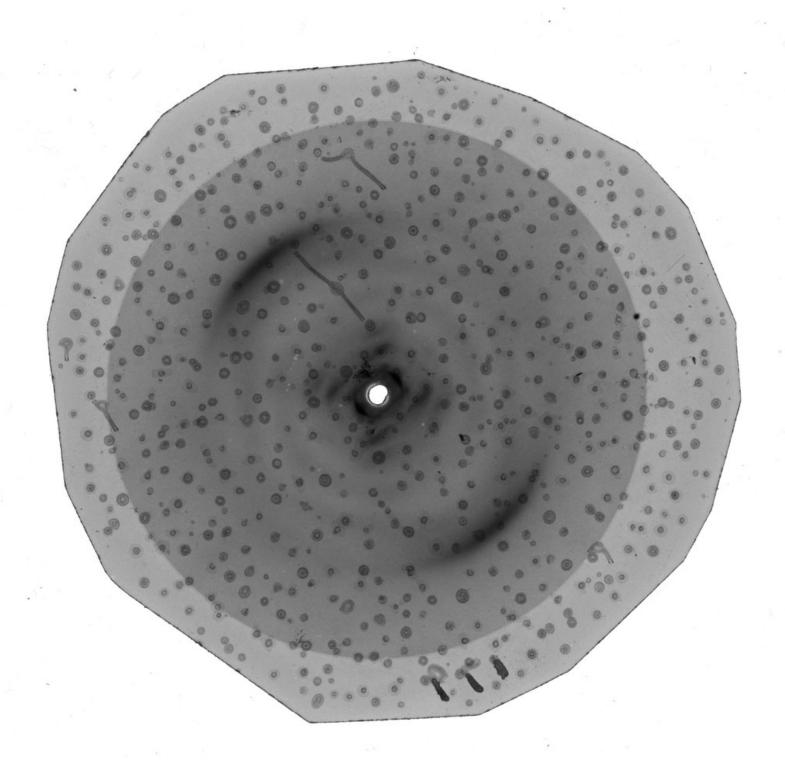




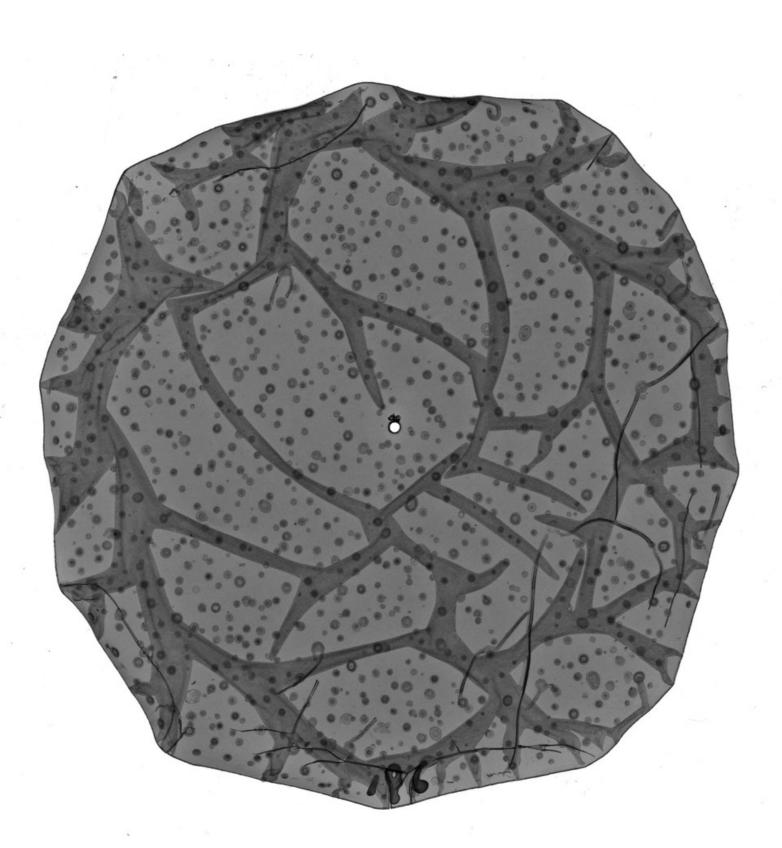


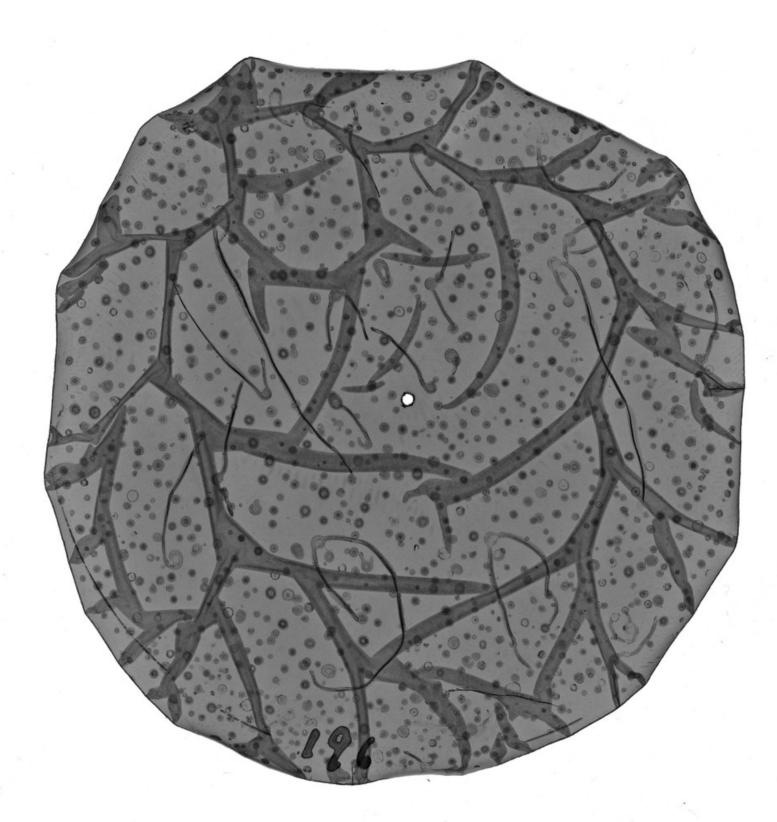


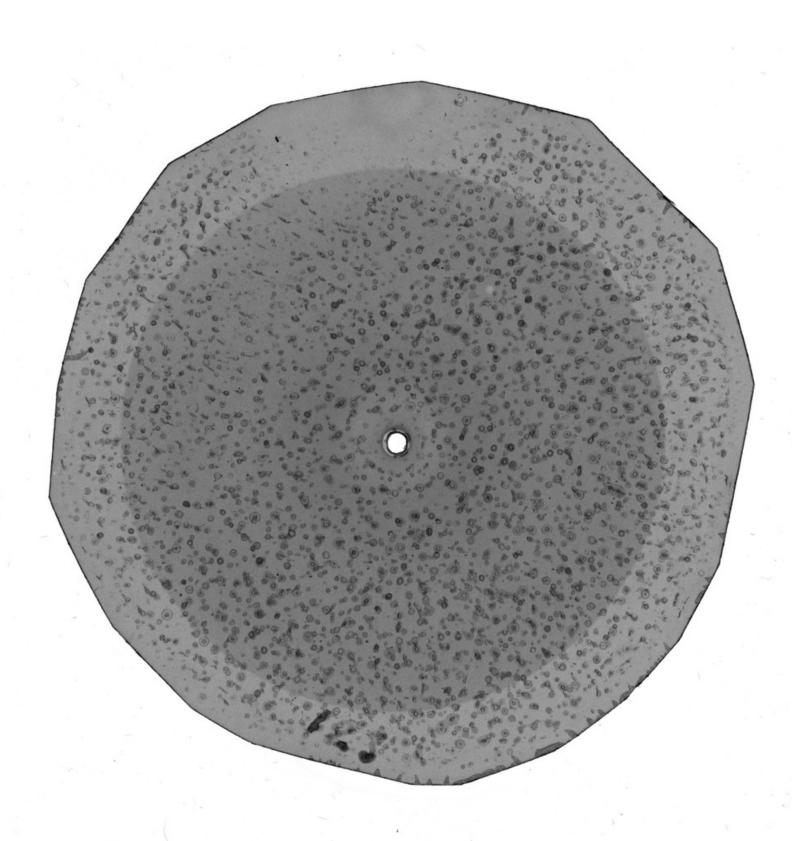
Some Ws

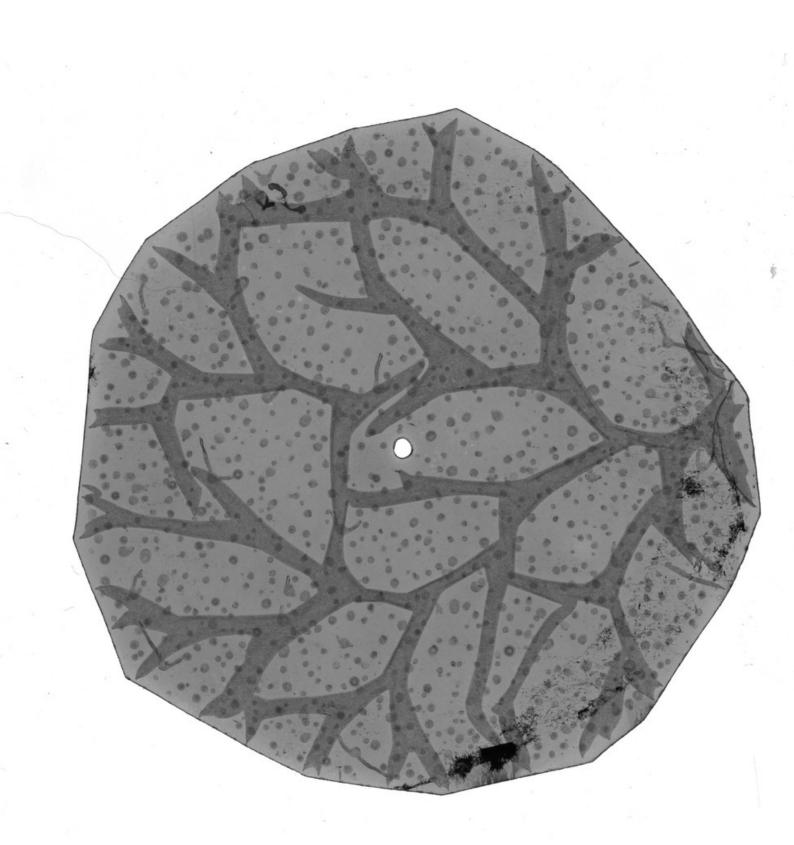


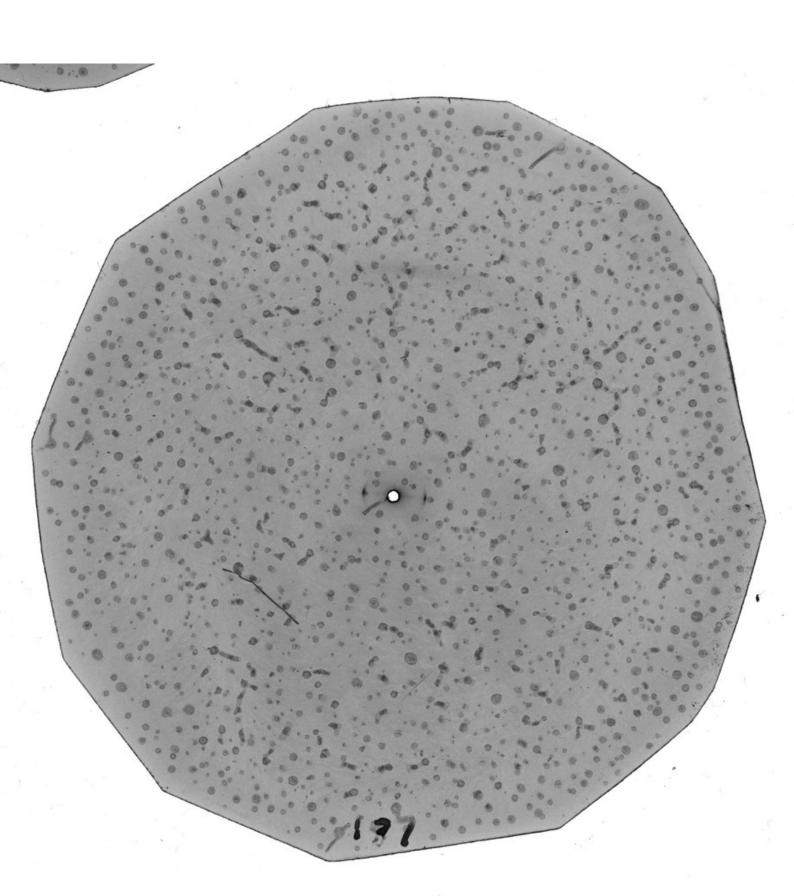


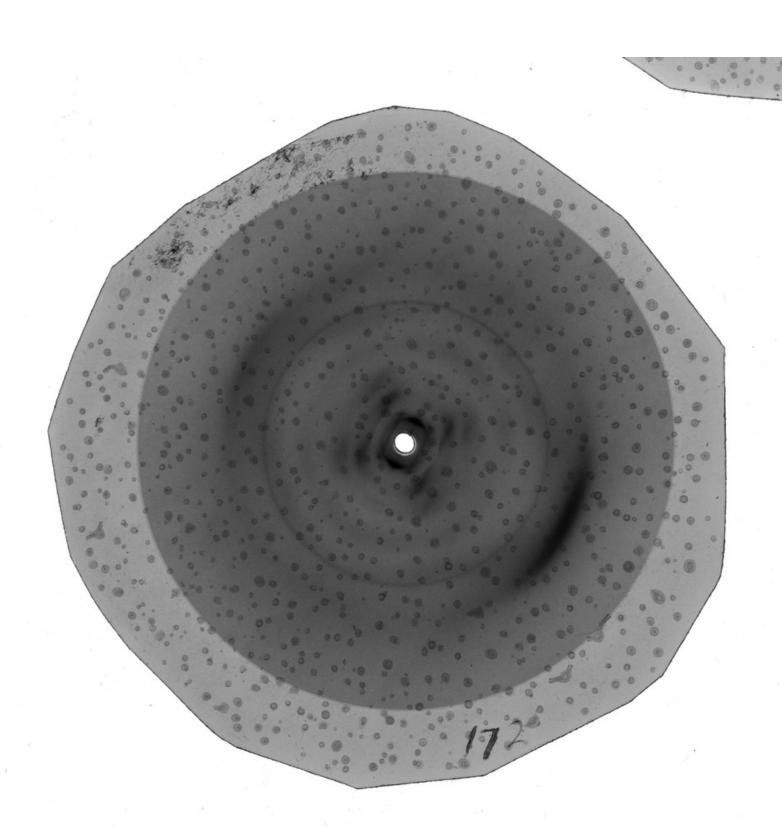




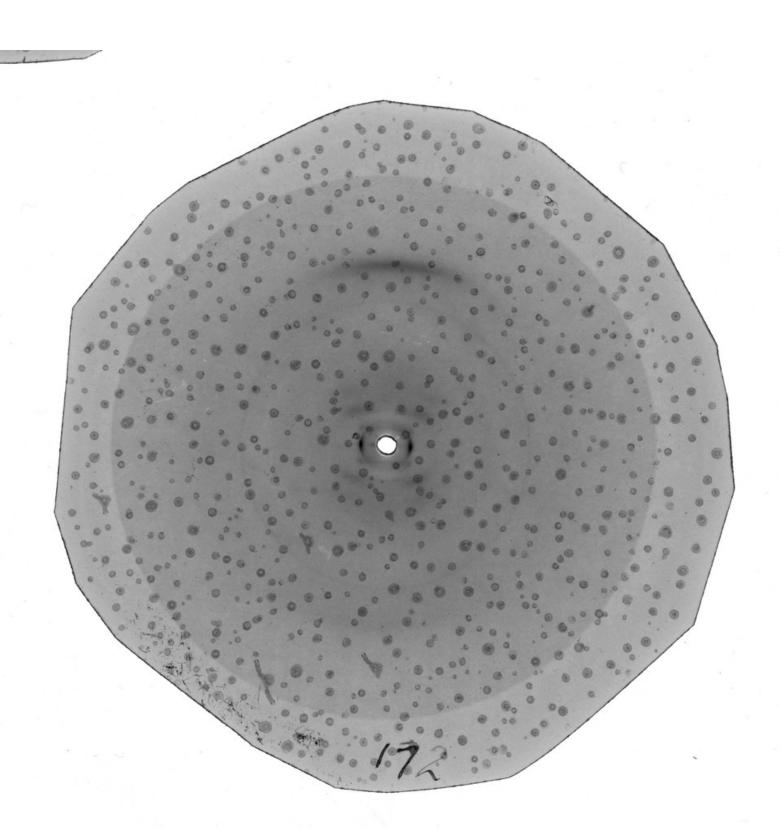




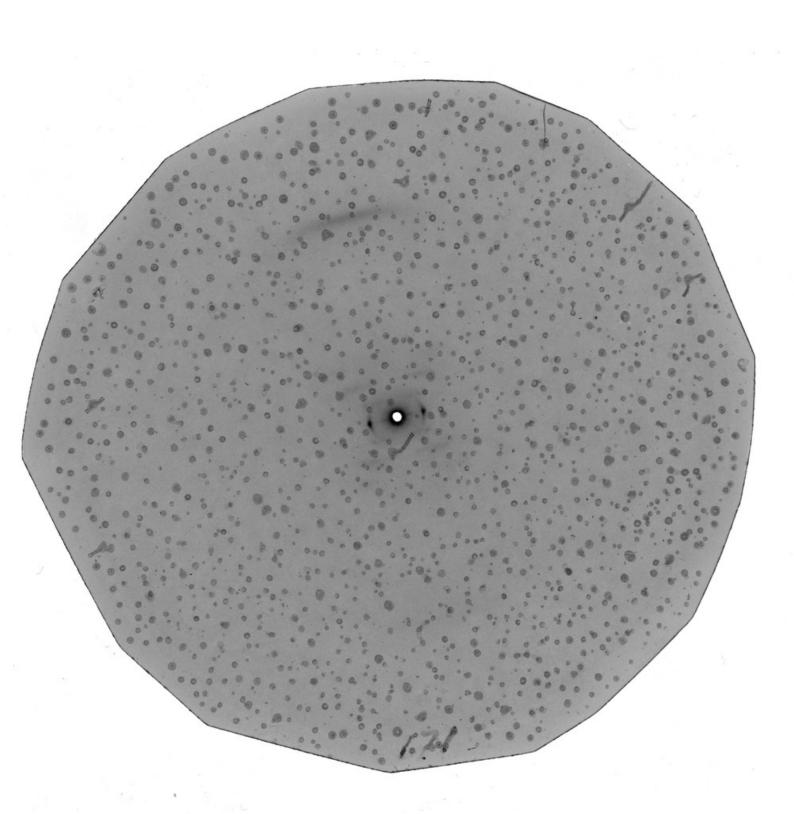




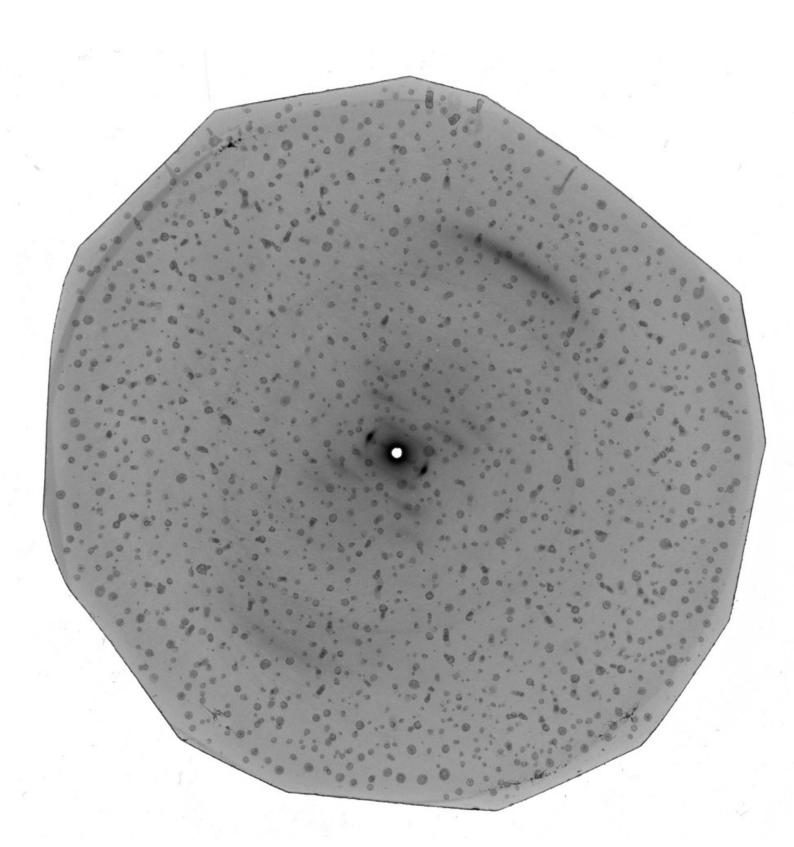
172 Gd.Coil.

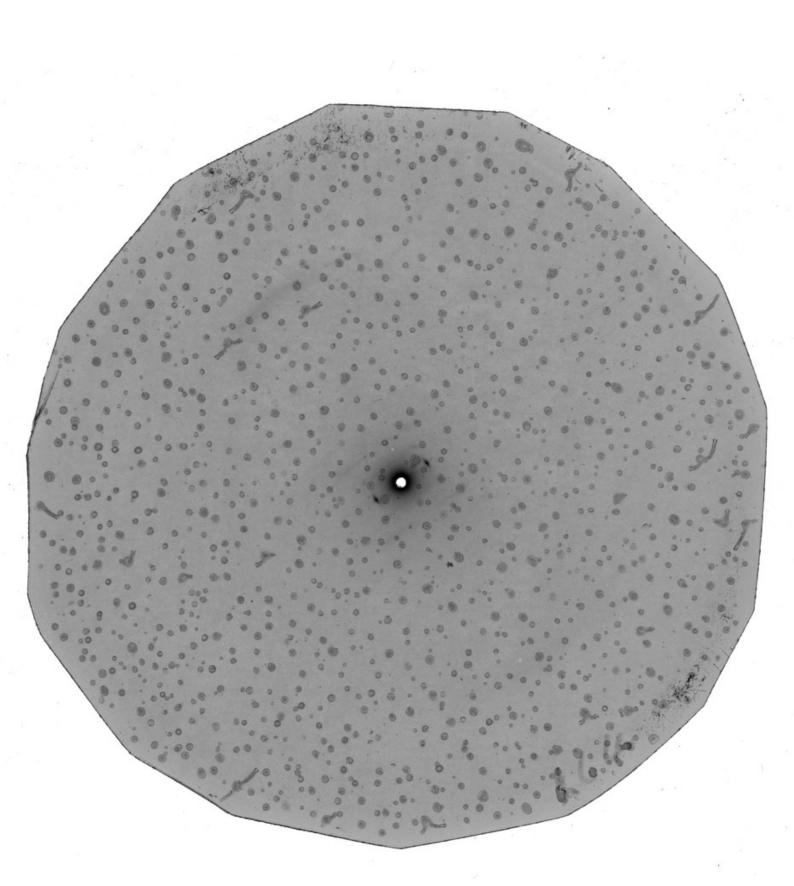


172 Gd.Coil.

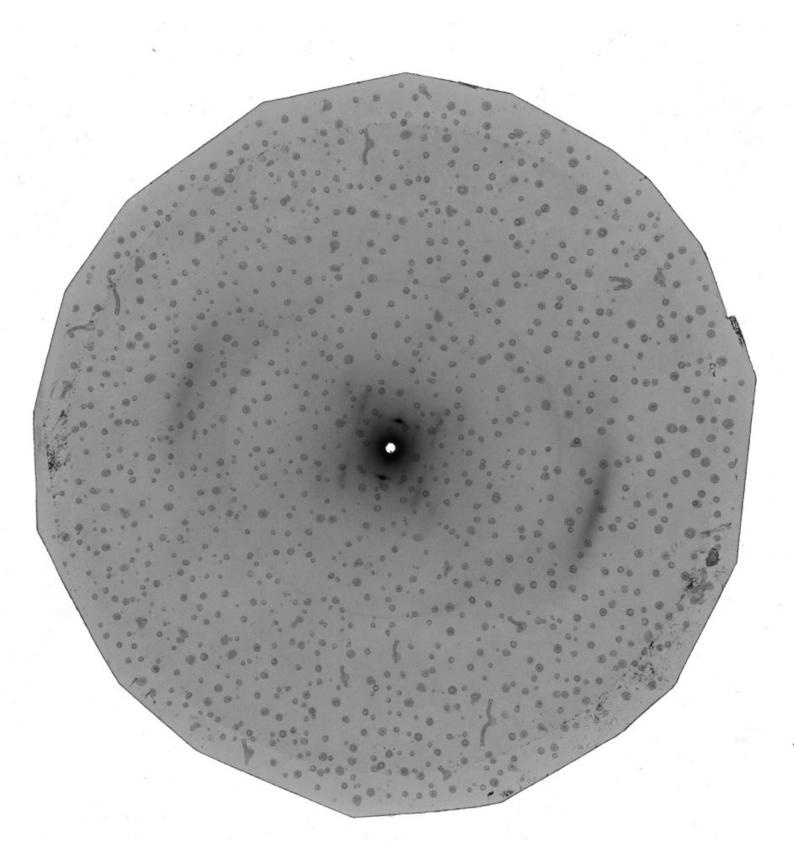


No. 171

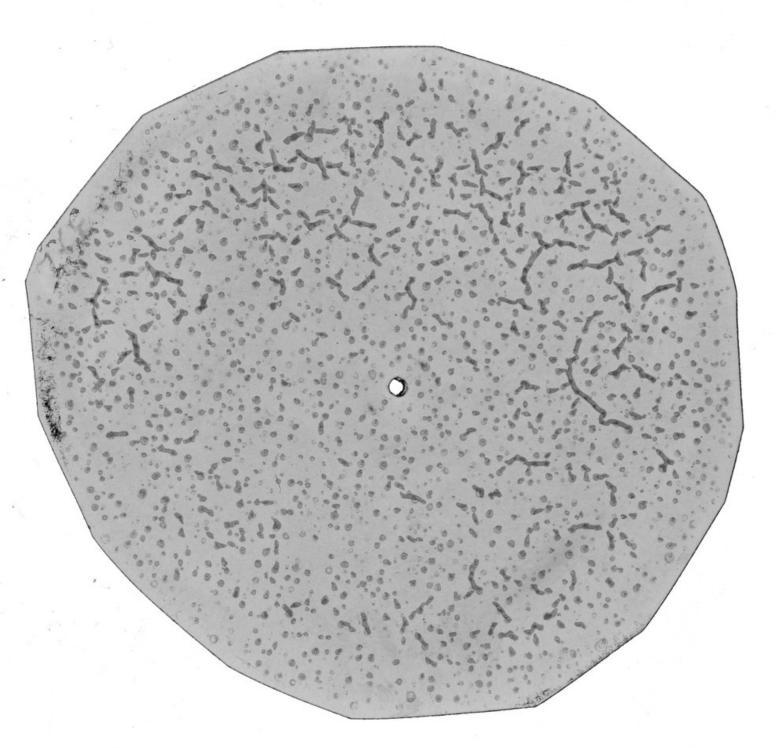




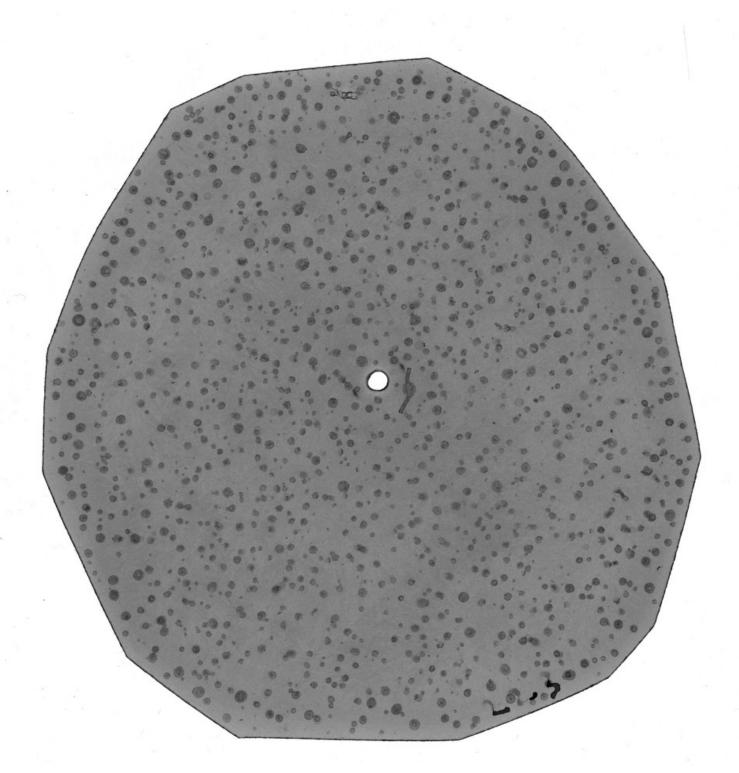
No. 164 S180 [mouse sarcoma] C3 92% R.H [relative humidity]

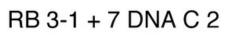


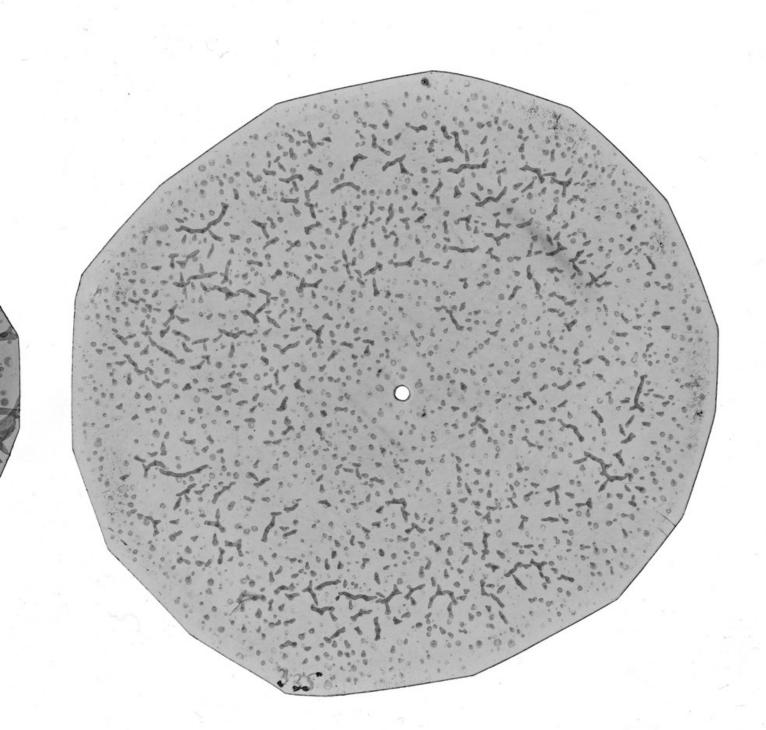
No. 164 S180 [mouse sarcoma] C3 92% R.H [relative humidity]



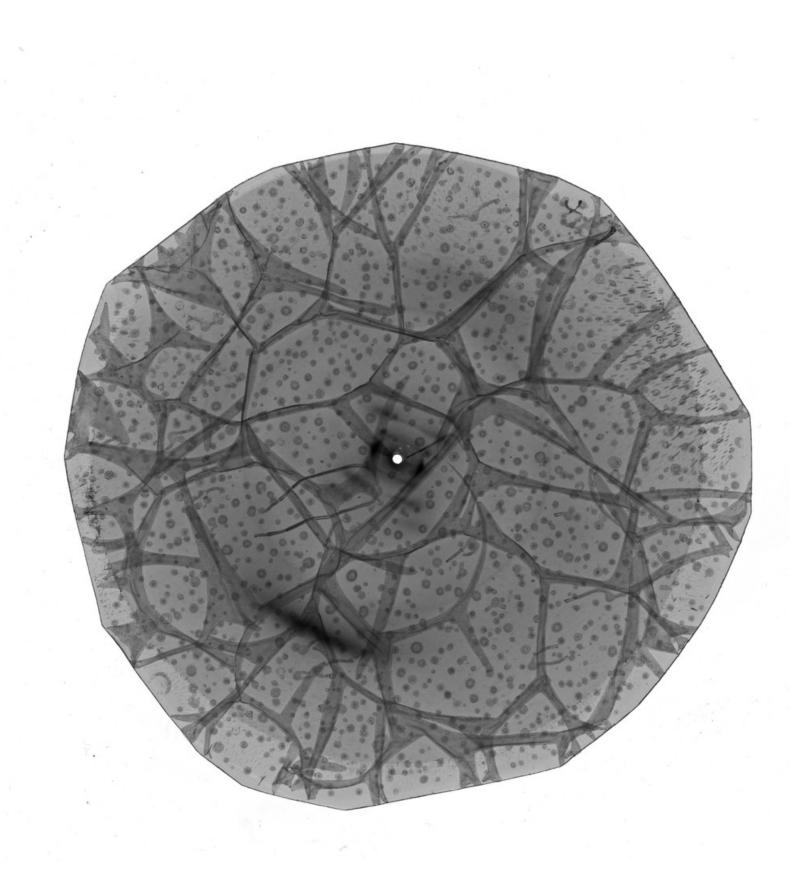
RB 3-1 + 7 DNA C 2

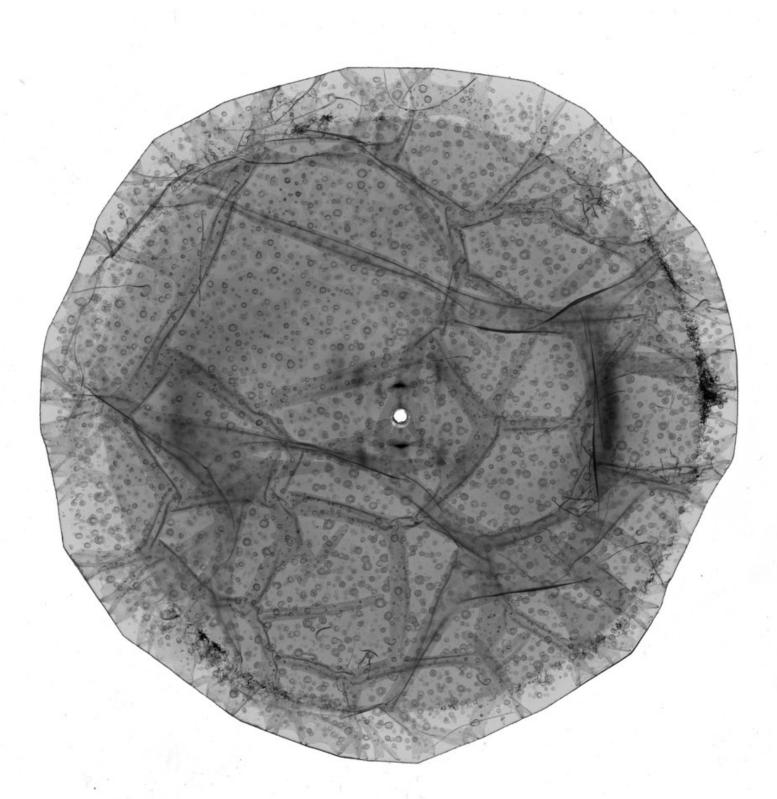


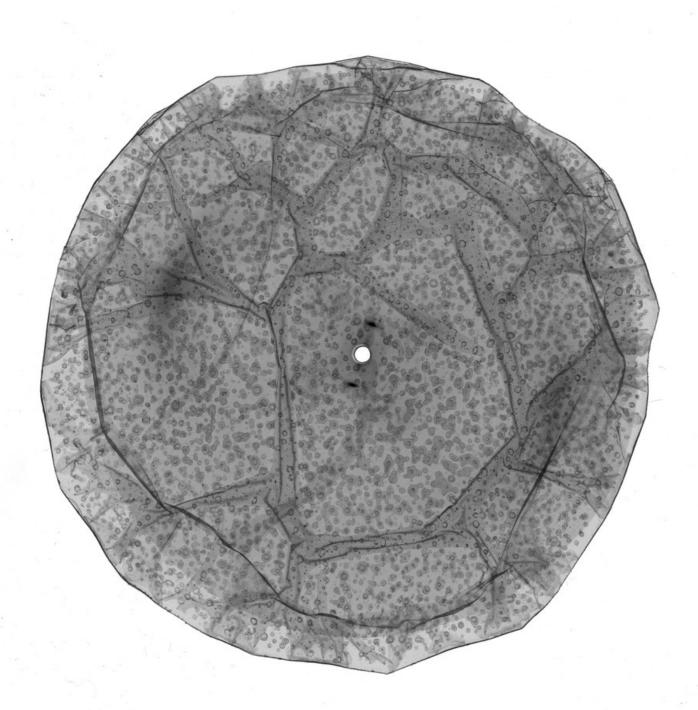


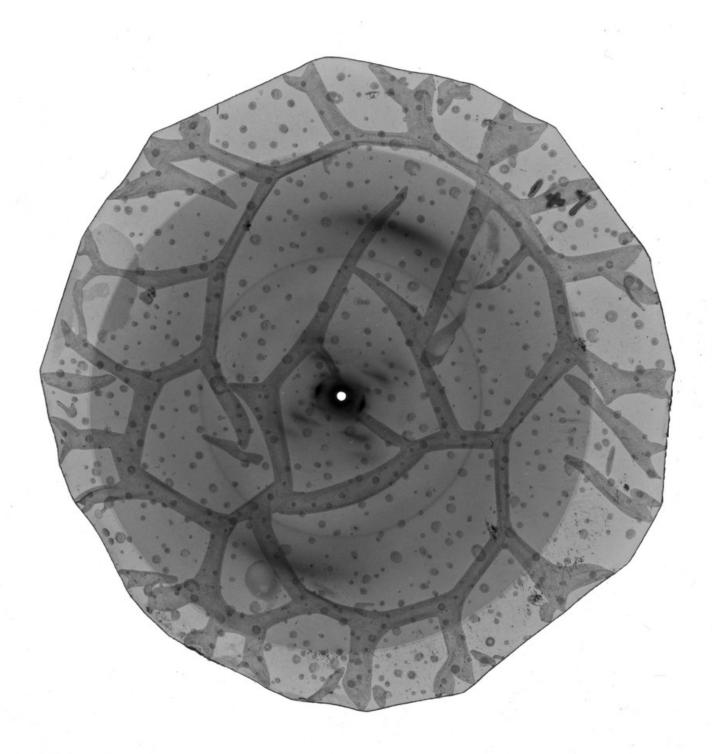


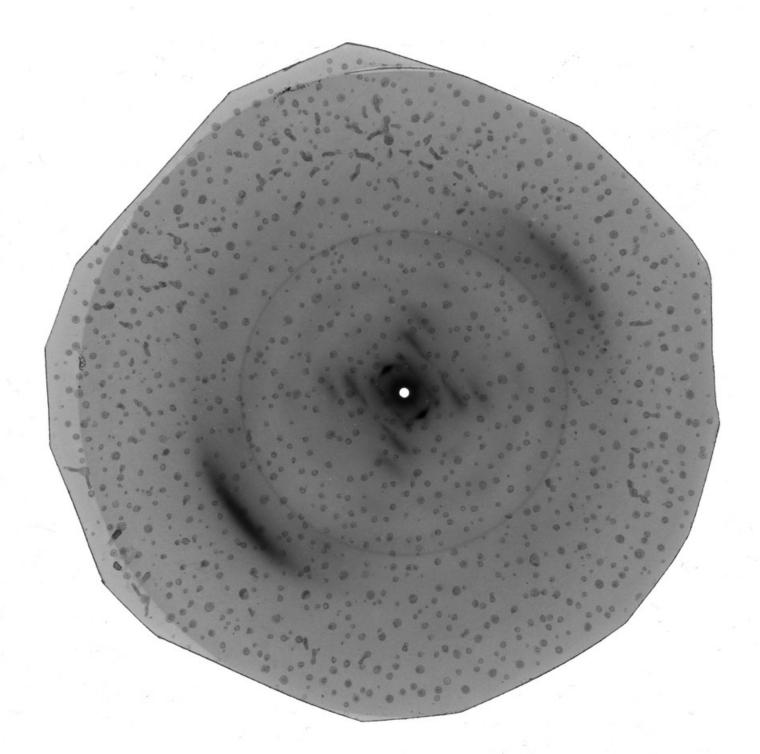
335 #5 19? % R.H [relative humidity]

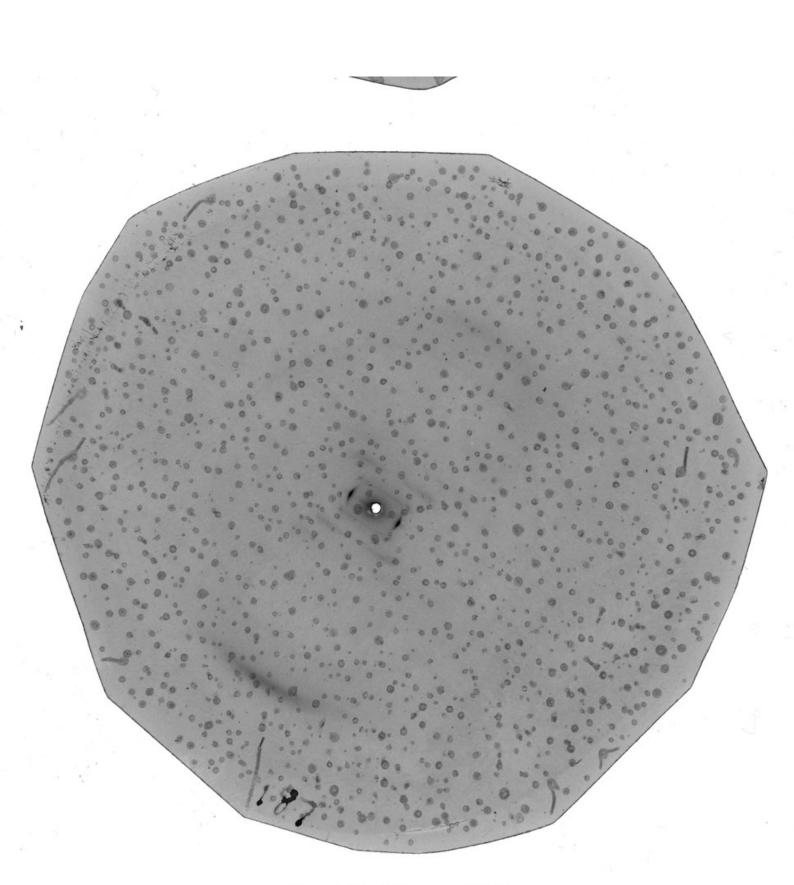


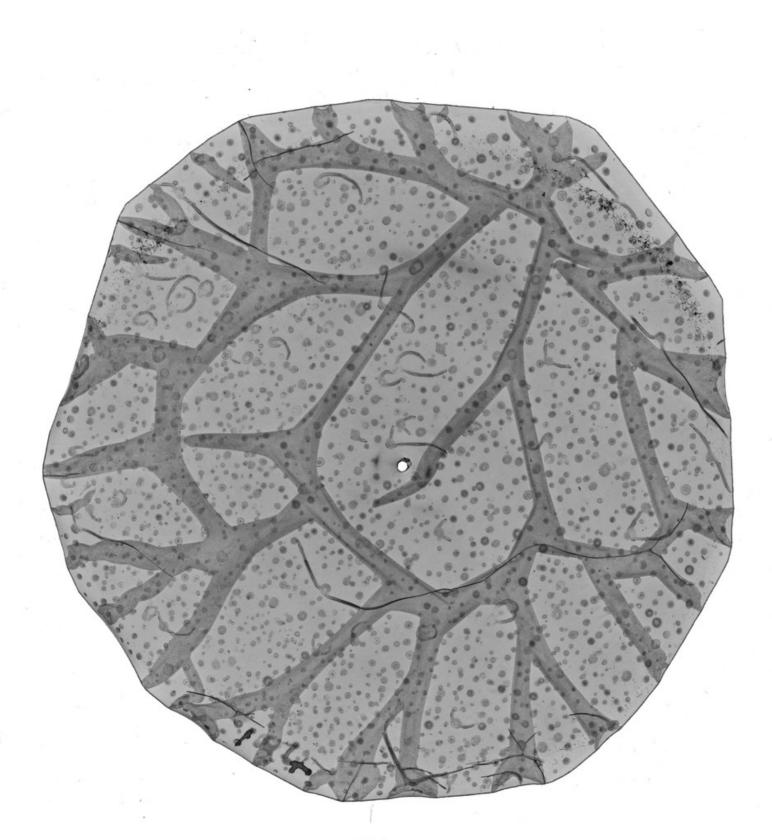


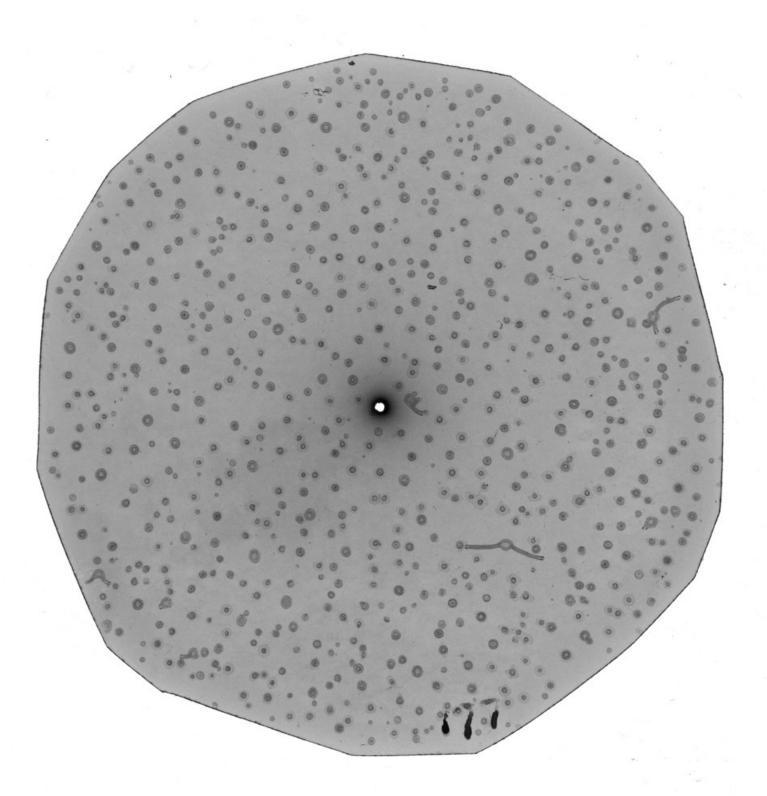


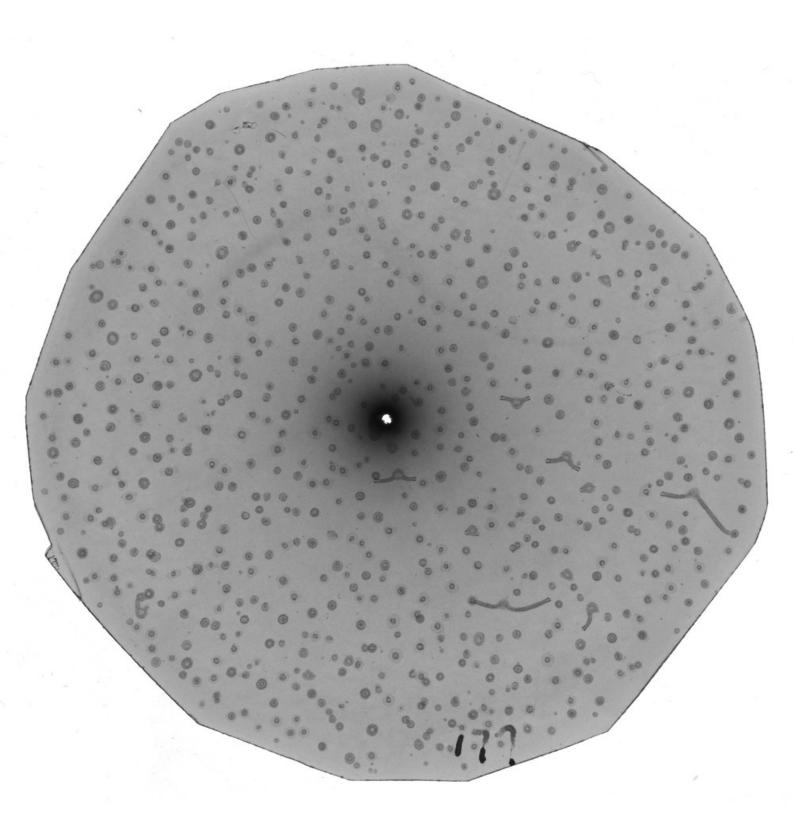


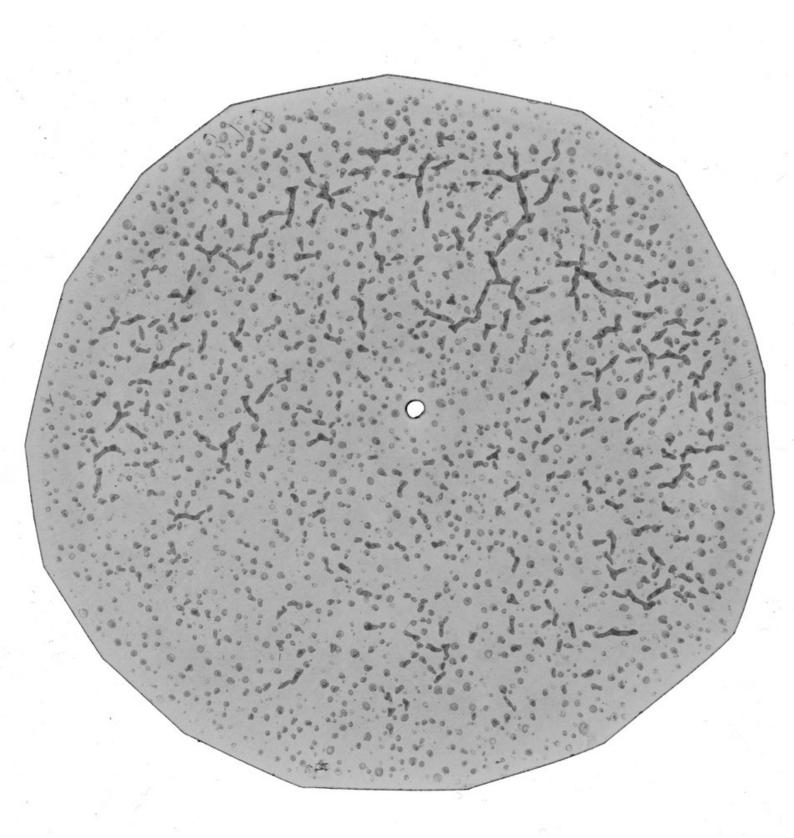


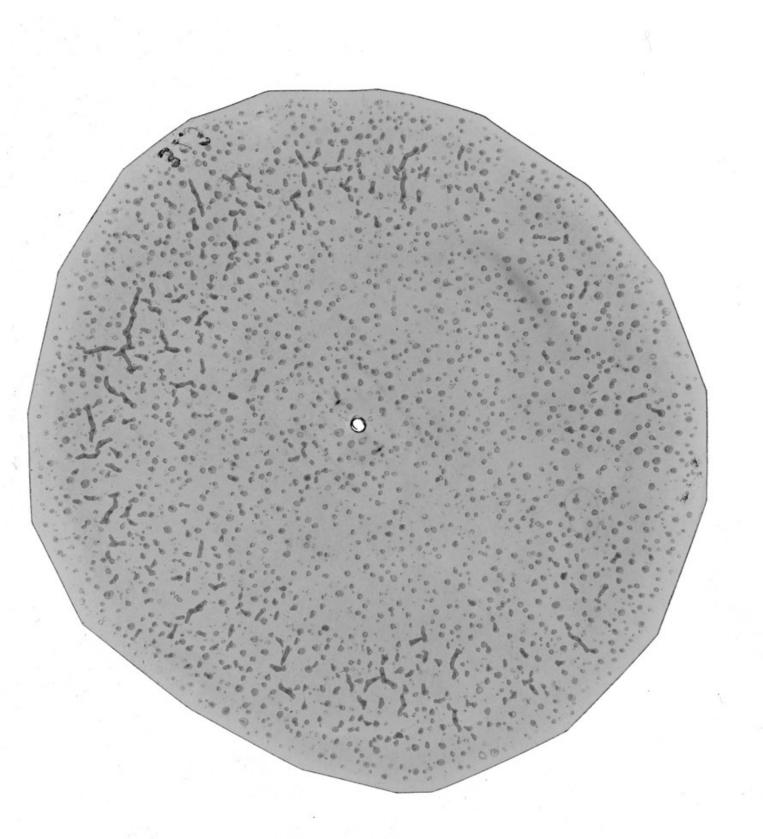


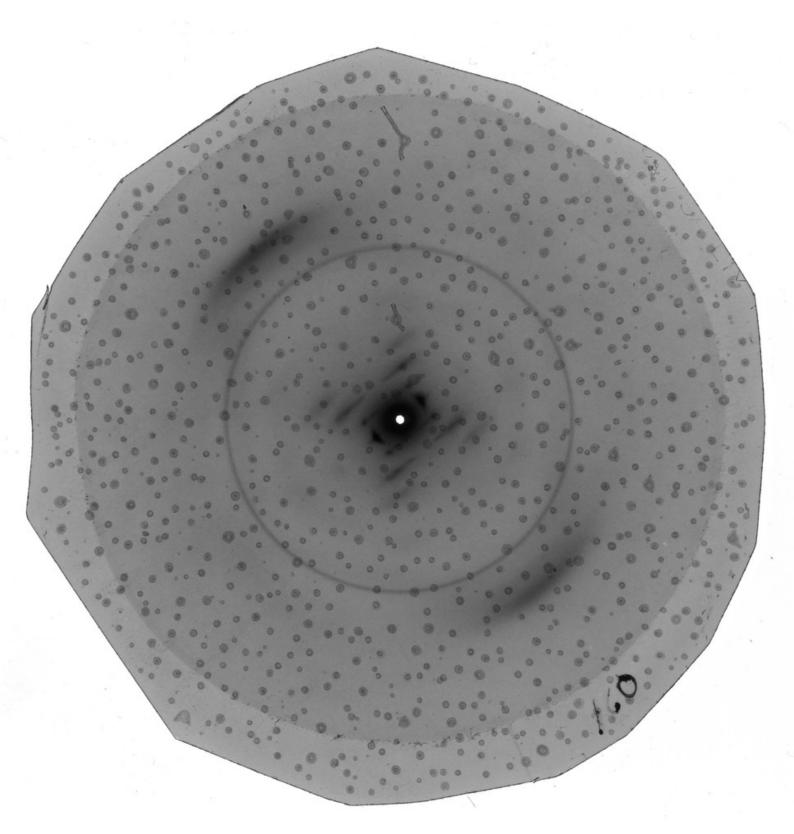




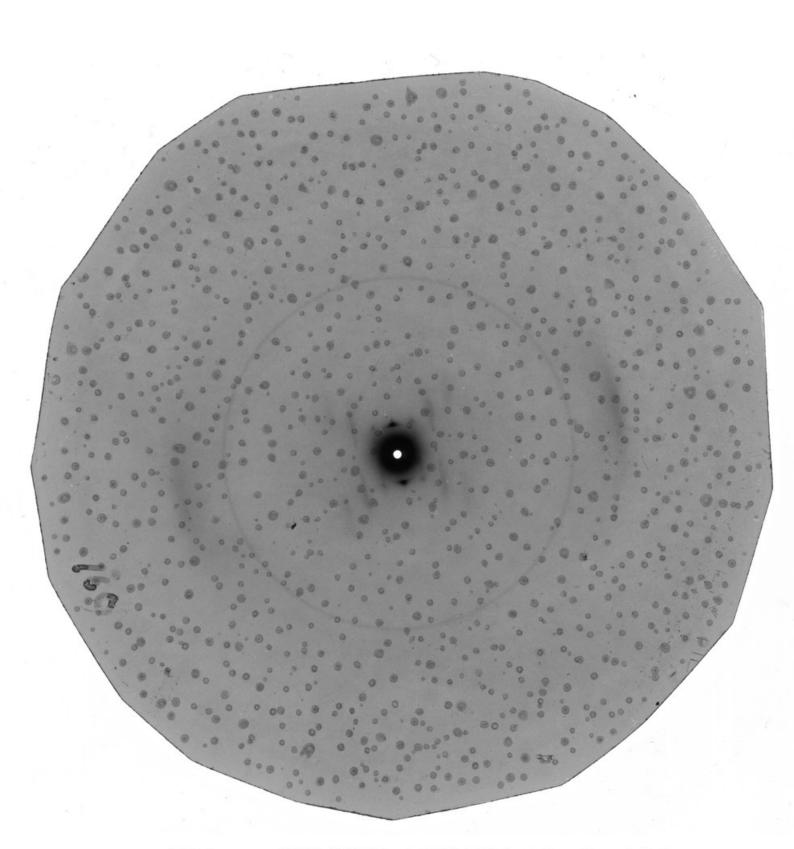




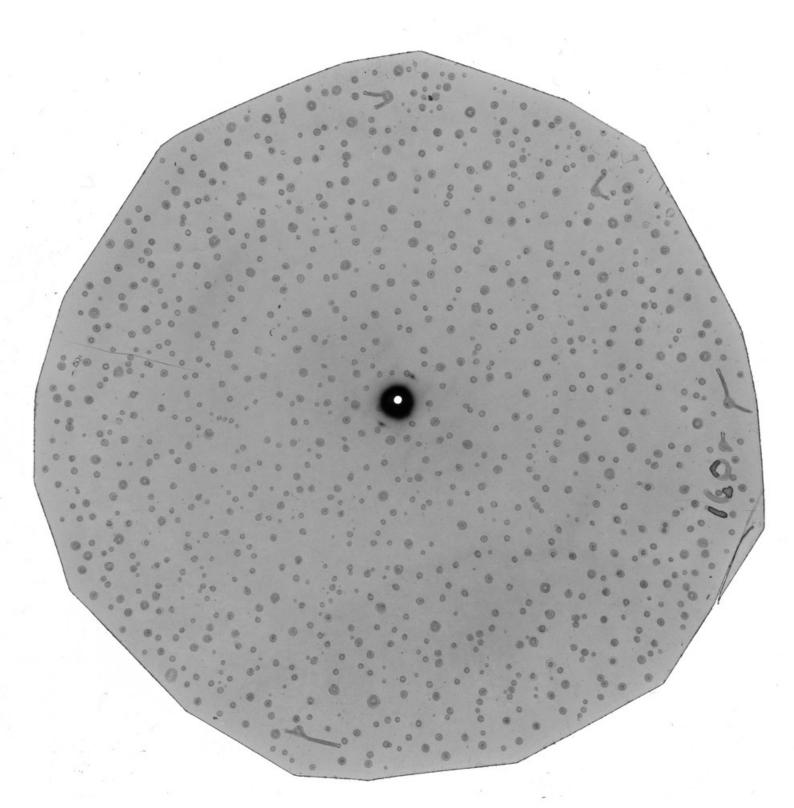




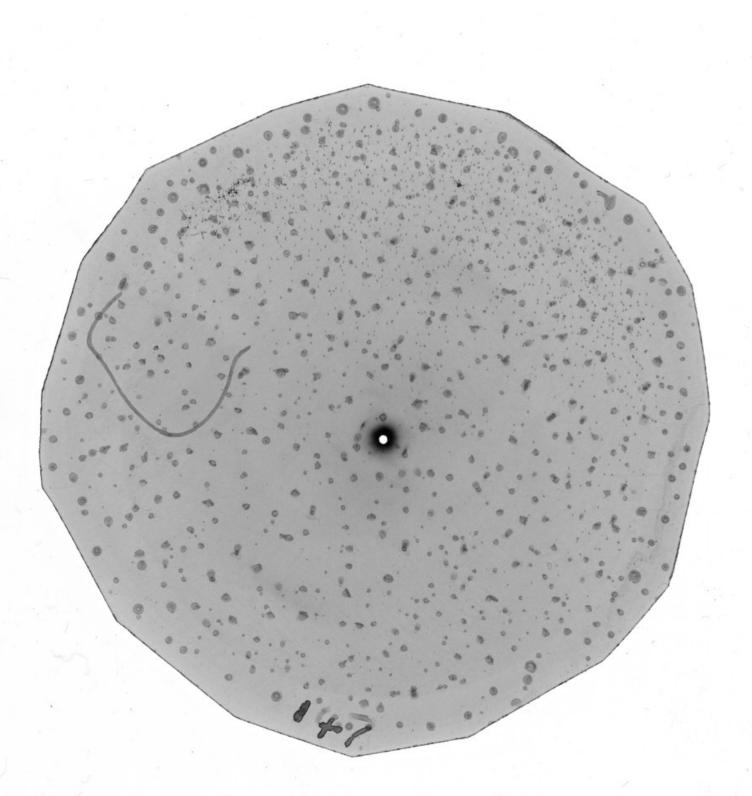
160 human DNA (MAP) at 92% RH [relative humidity]



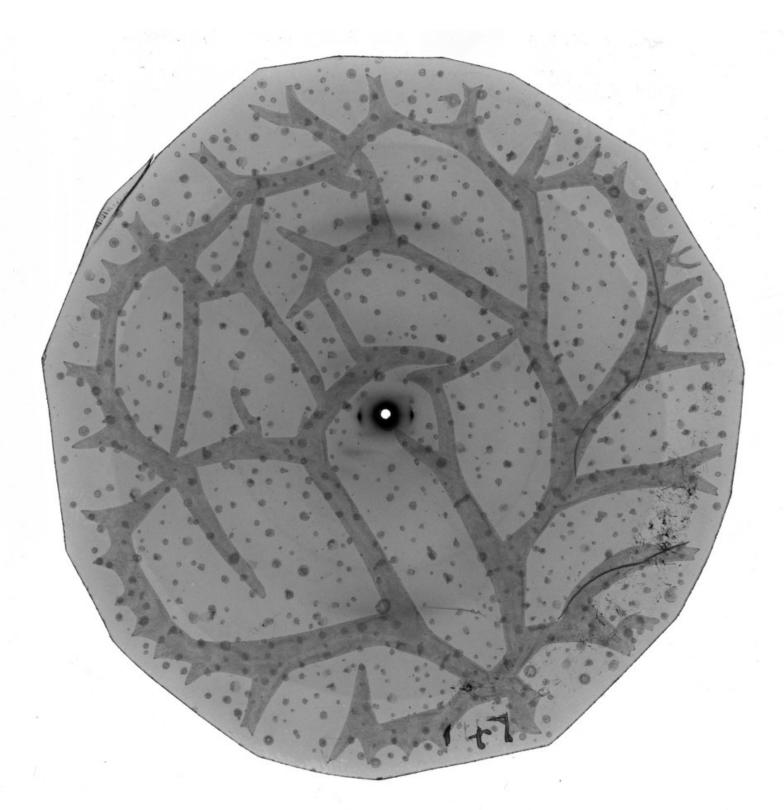
160 human DNA (MAP) at 92% RH [relative humidity]



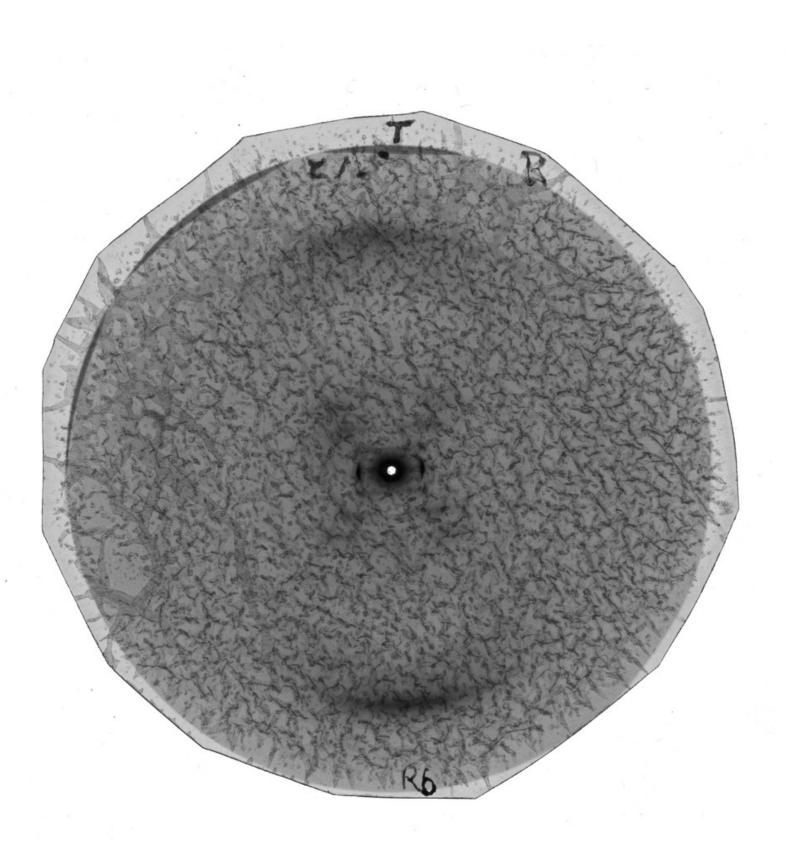
160 human DNA (MAP) at 92% RH [relative humidity]



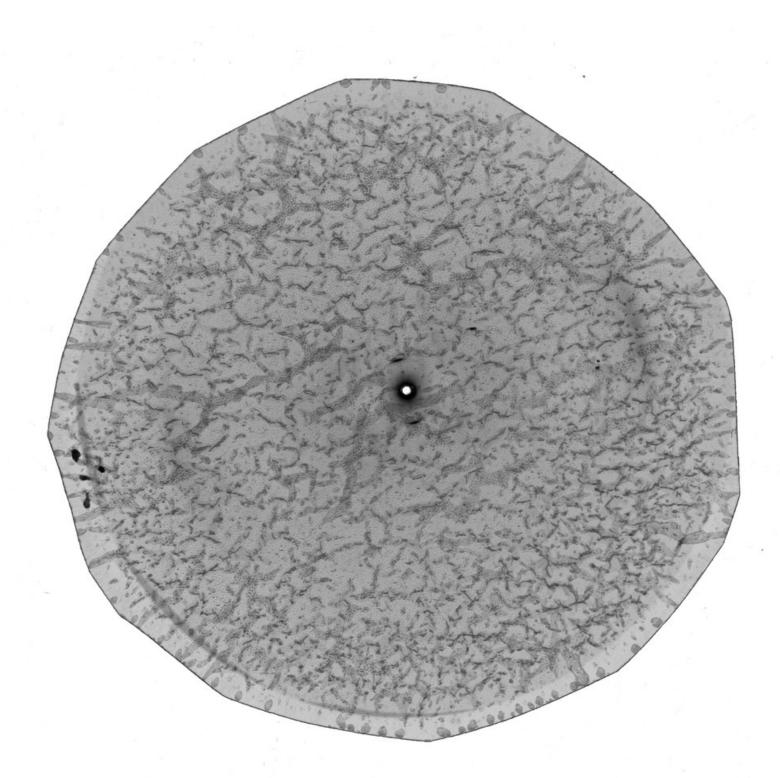
147 S180 [mouse sarcoma] specimen at R.H [relative humidity] ~ 92%



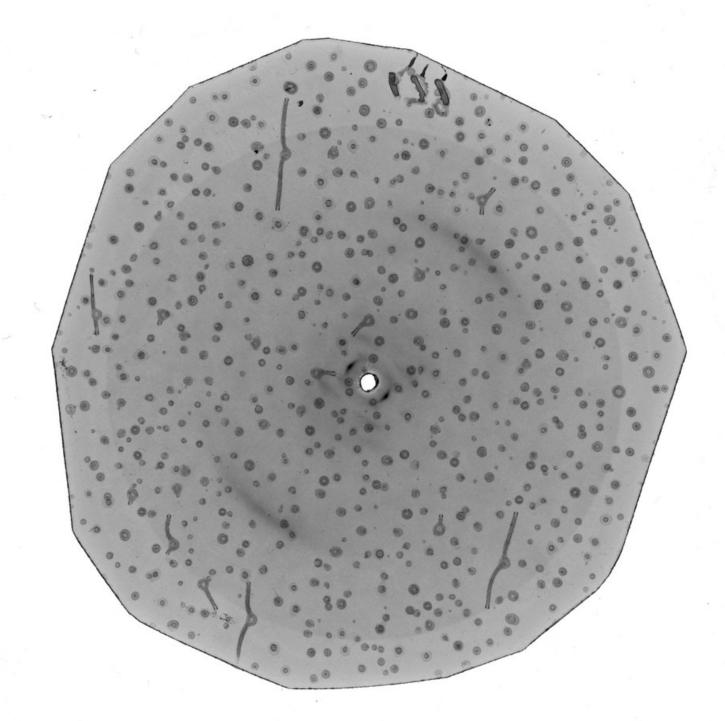
147 S180 [mouse sarcoma] specimen at R.H [relative humidity] ~ 92%



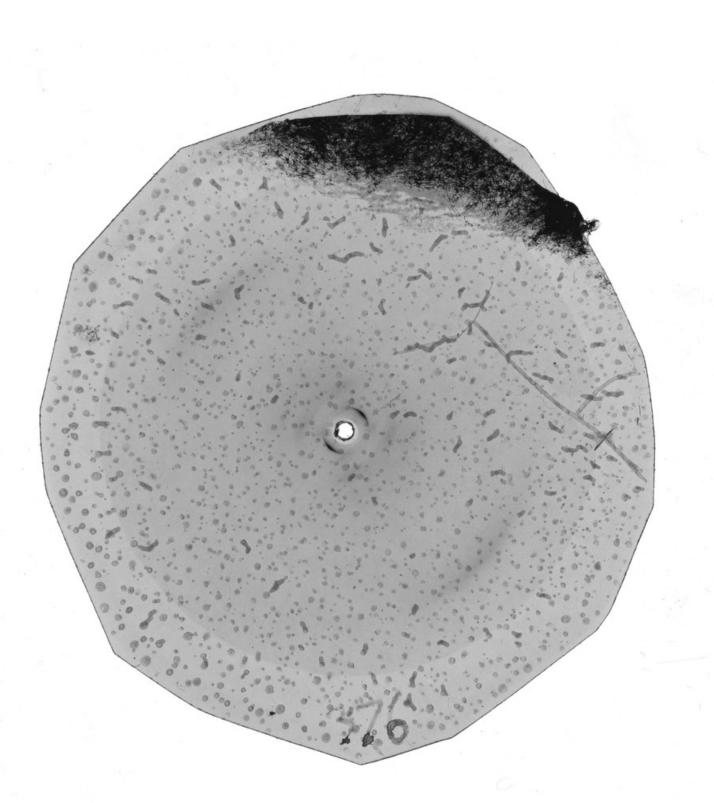
512 RbDNA [Rubidium salt of DNA]



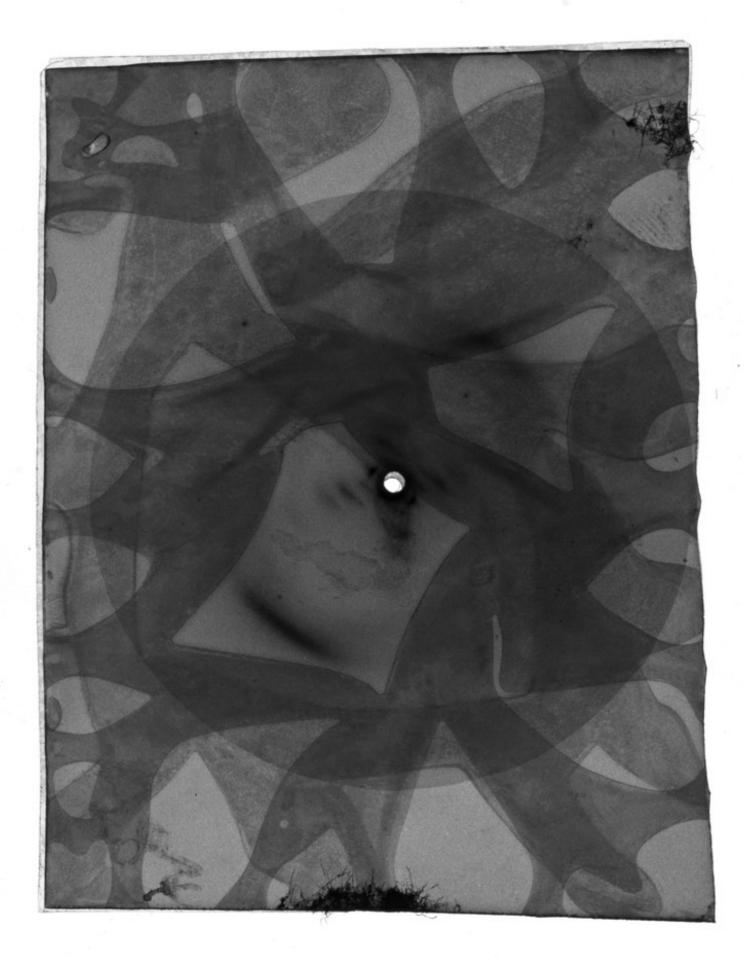
512 RbDNA [Rubidium salt of DNA]

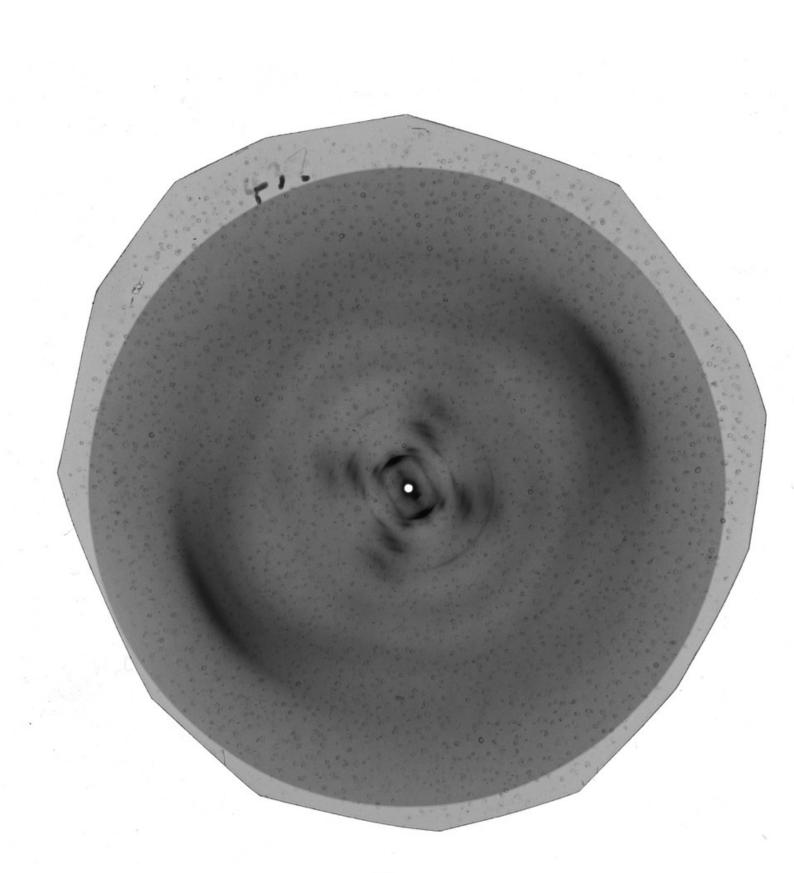


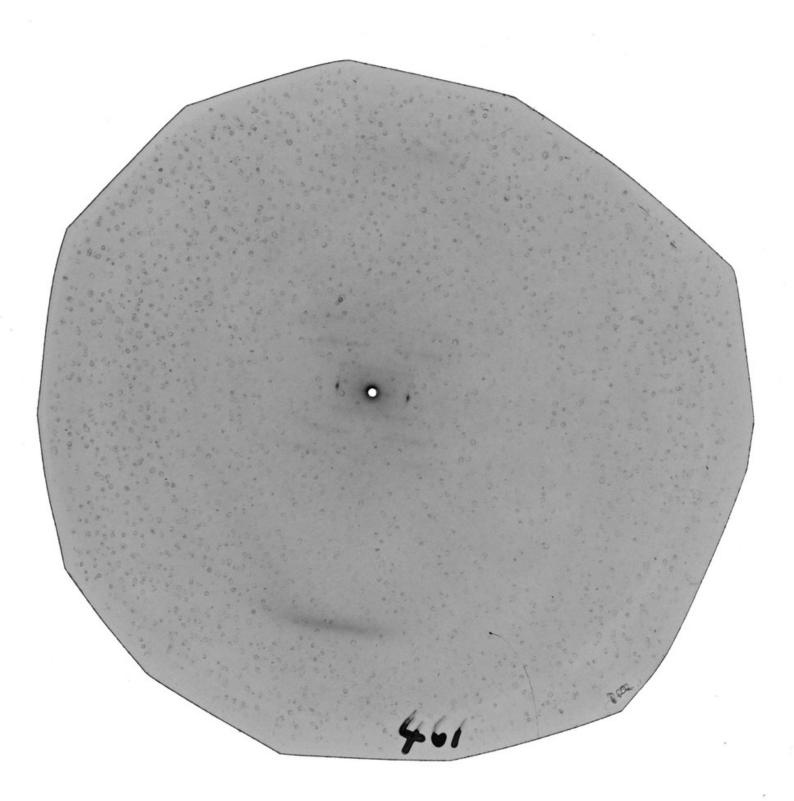
284 90% R H [relative humidity]



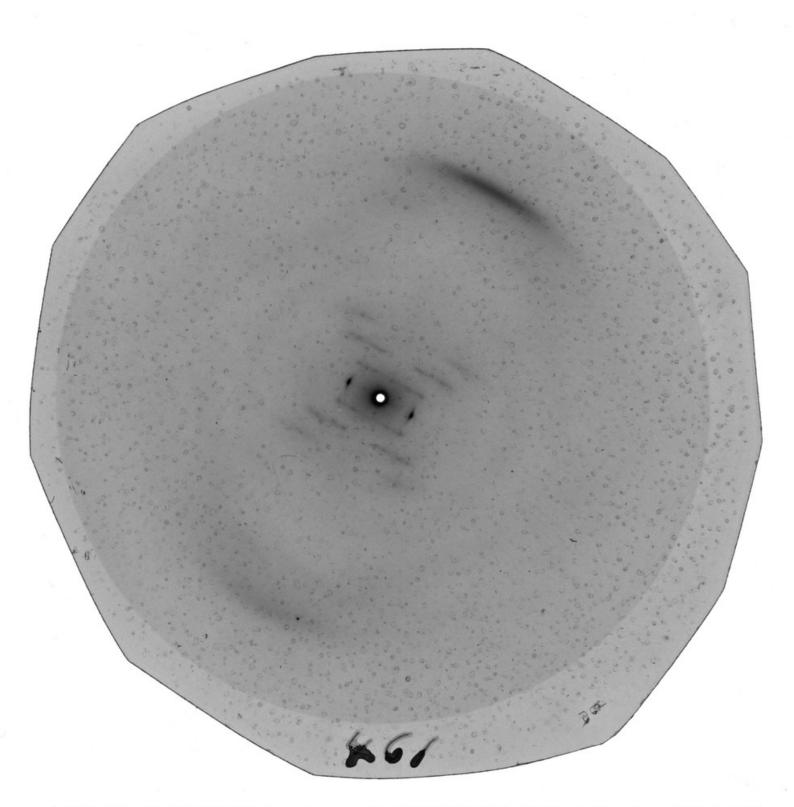
284 90% R H [relative humidity]



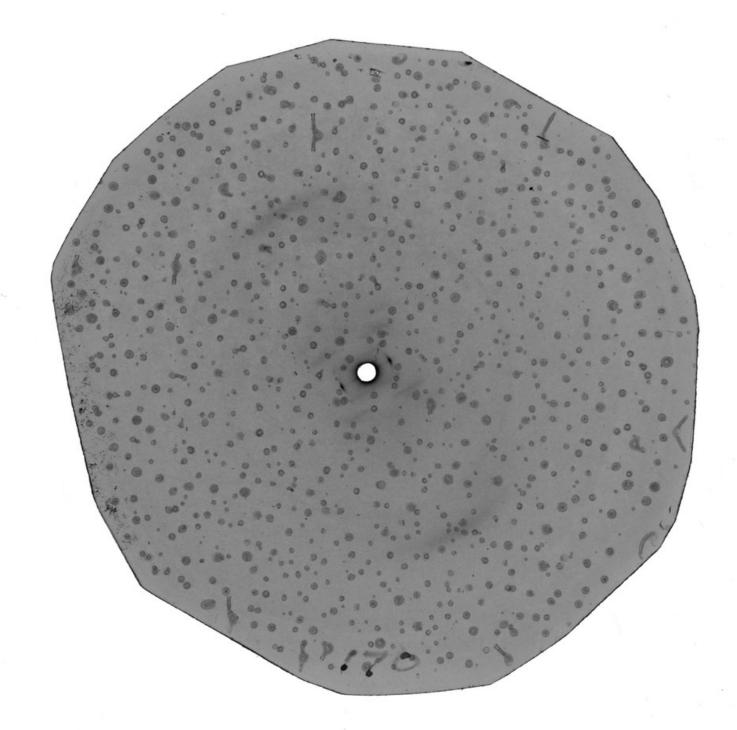




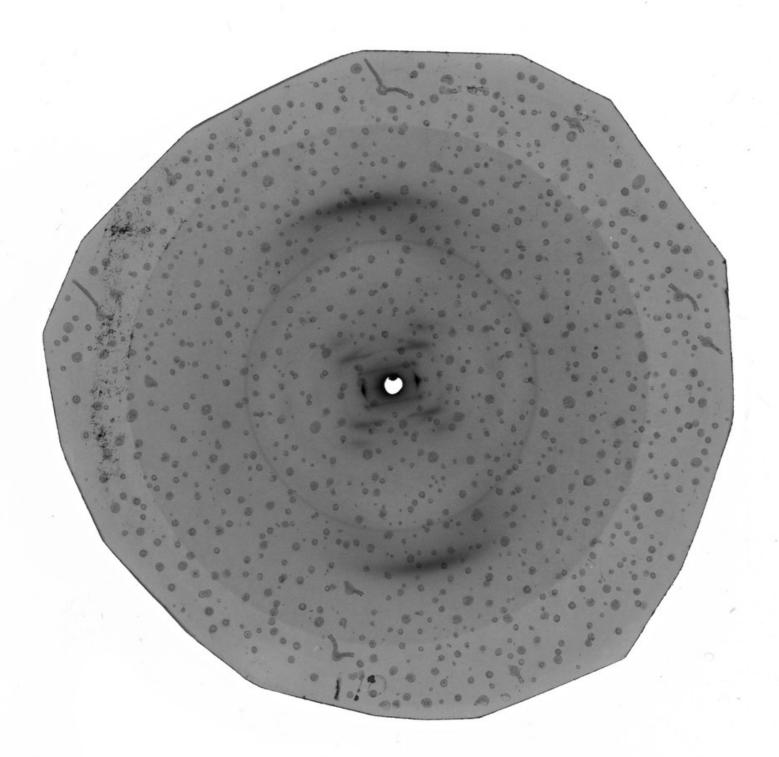
MAP IV p91 KDNA [Potassium salt of DNA] 75% RH [relative humidity] 461



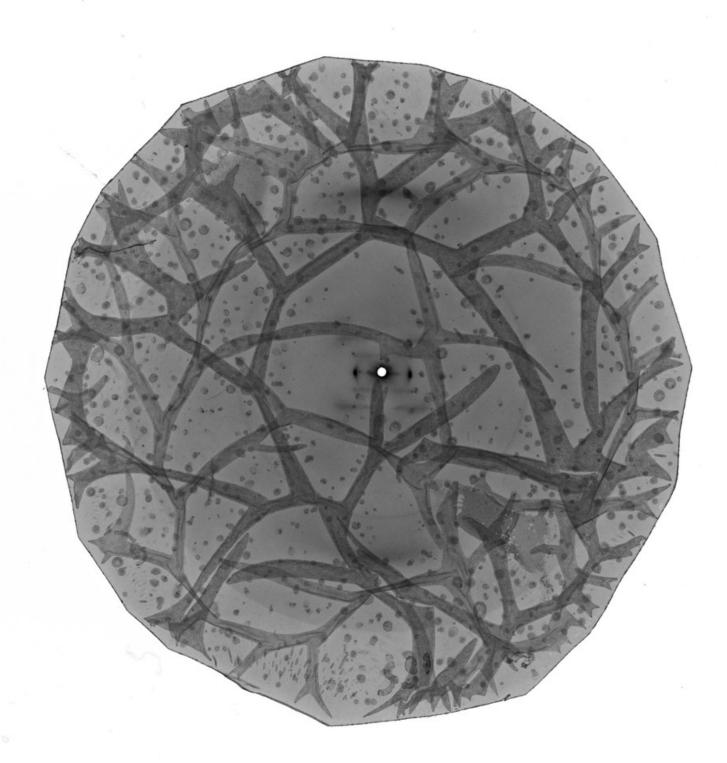
MAP IV p91 KDNA [Potassium salt of DNA] 75% RH [relative humidity] 461



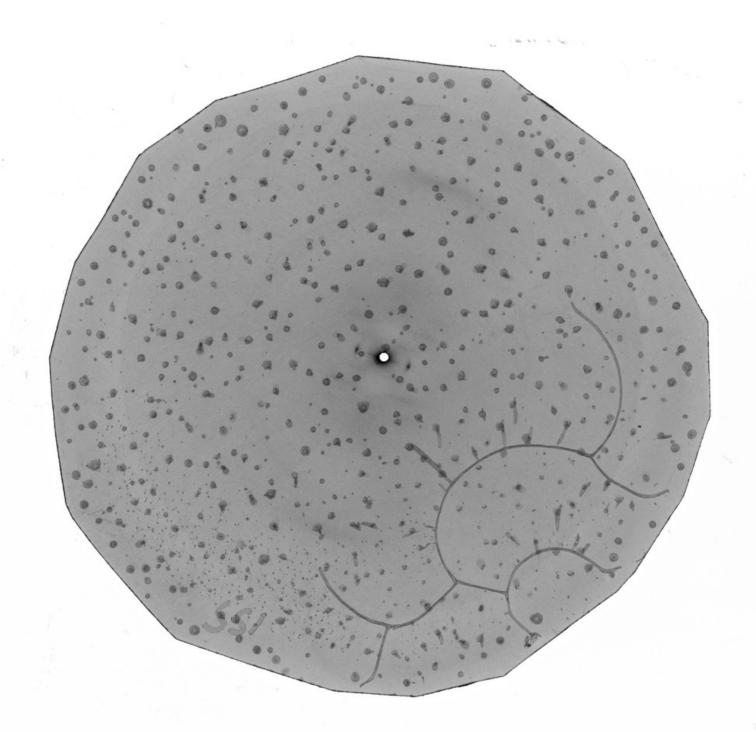
[No.] 170 S180 [mouse sarcoma] C3 82% RH [relative humidity] same for No 164



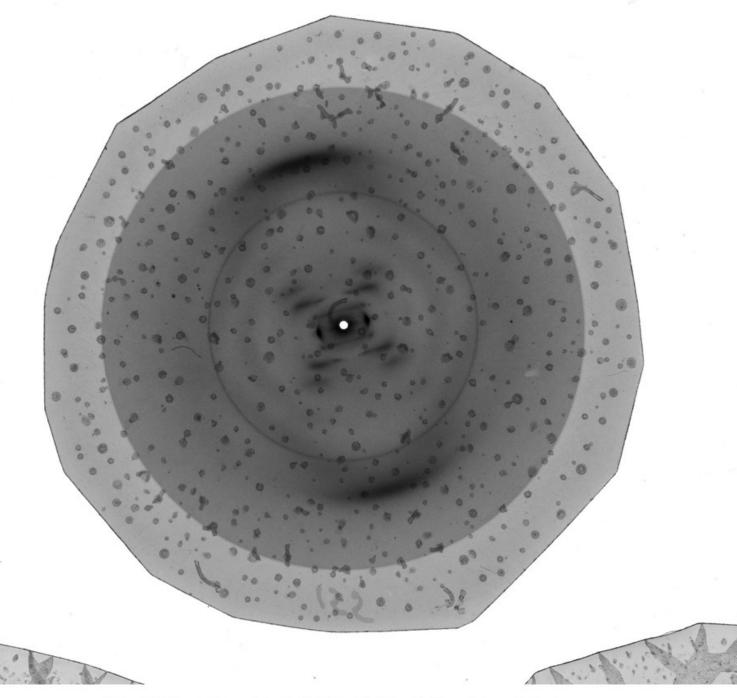
[No.] 170 S180 [mouse sarcoma] C3 82% RH [relative humidity] same for No 164



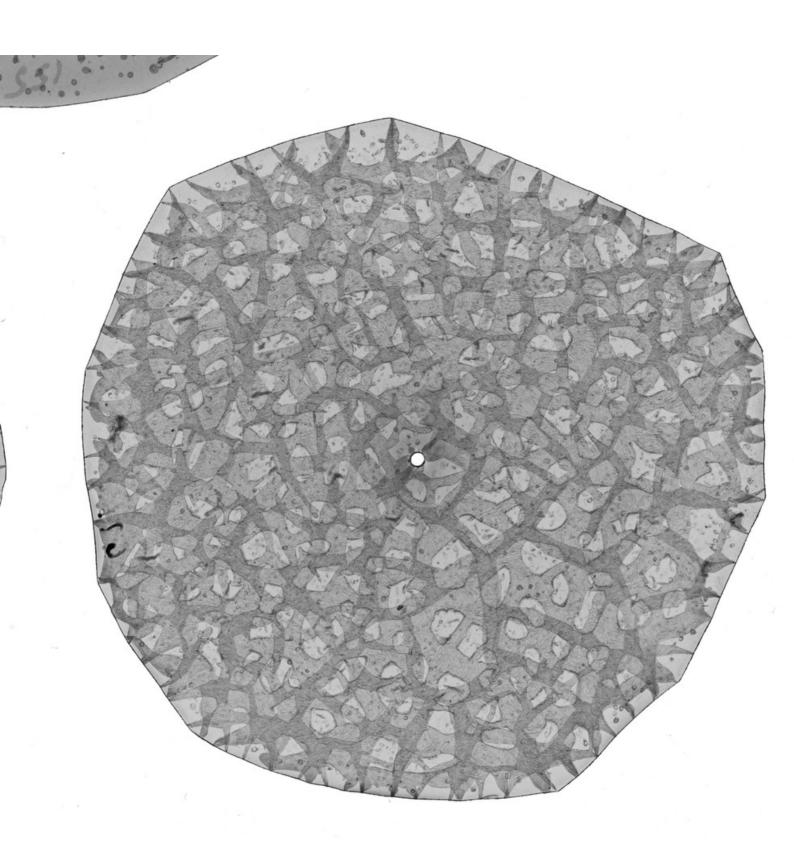
[No.] Structure B at 86% RH [relative humidity]



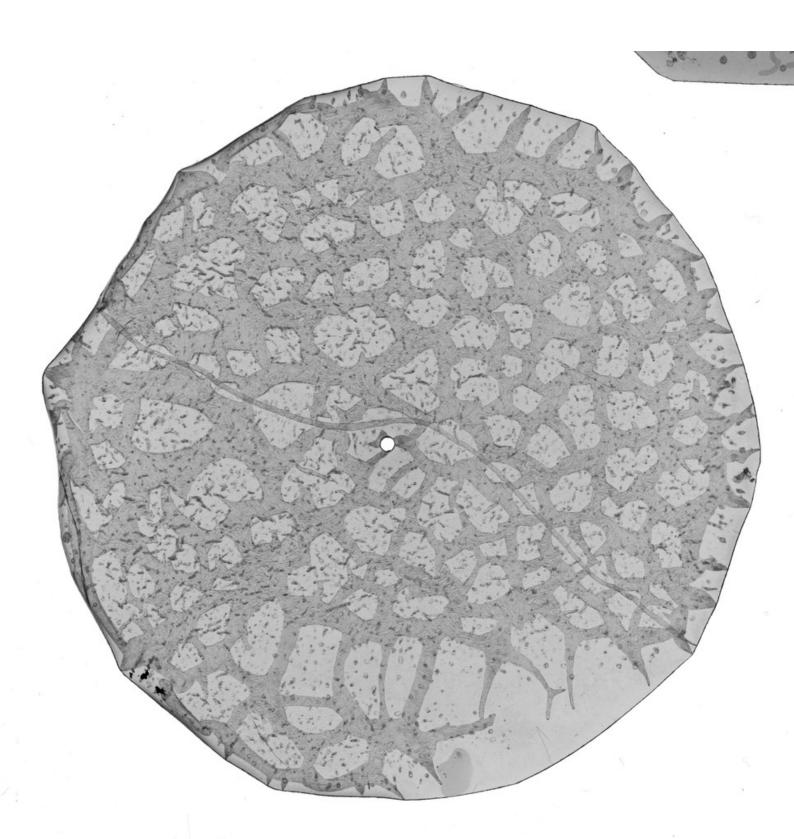
[No.] Structure B at 86% RH [relative humidity]



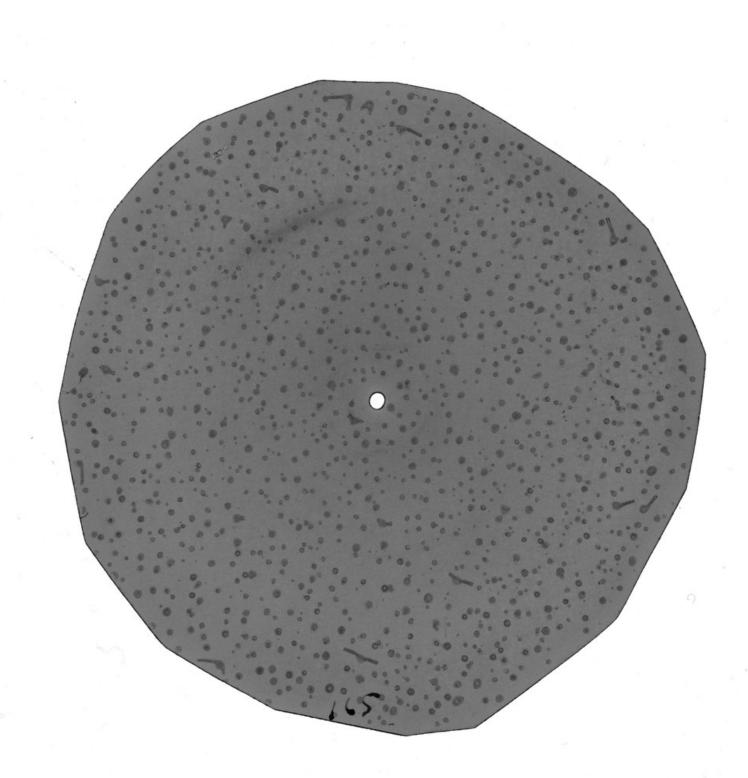
[No.] Structure B at 86% RH [relative humidity]



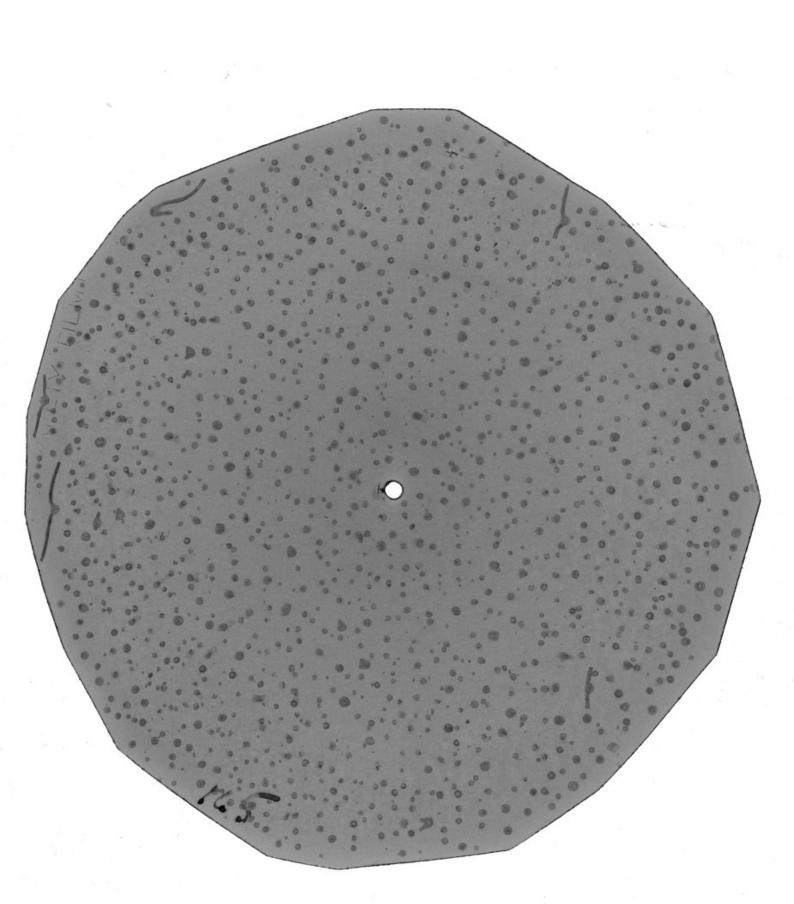
[No. 671] DNA 'B' (mixture?) at 75% [relative humidity]



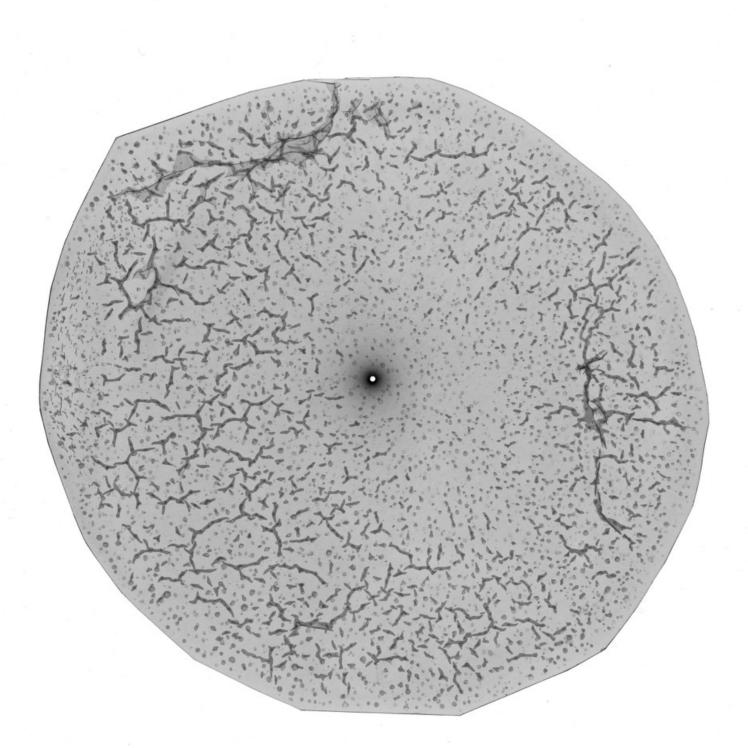
[No. 671] DNA 'B' (mixture?) at 75% [relative humidity]



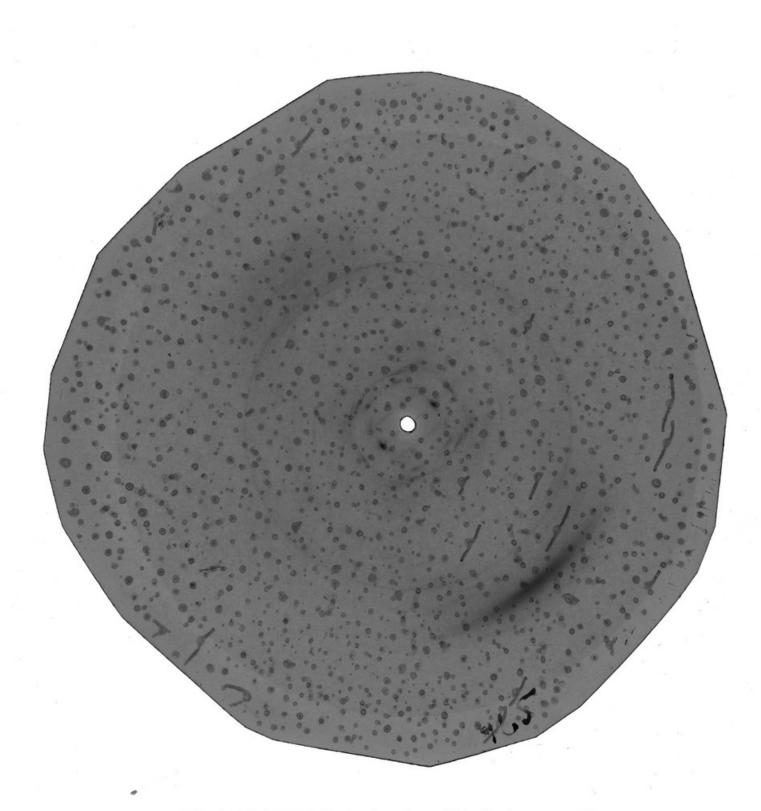
[No.] 165 Vert Energ



[No.] 165 Vert Energ



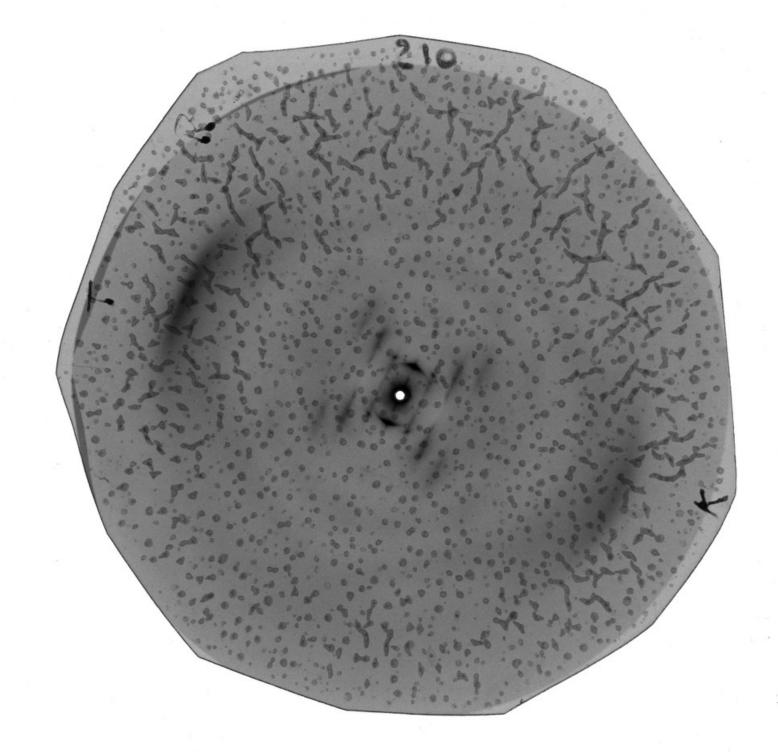
[No.] 334 75% [relative humidity] pictures 'B



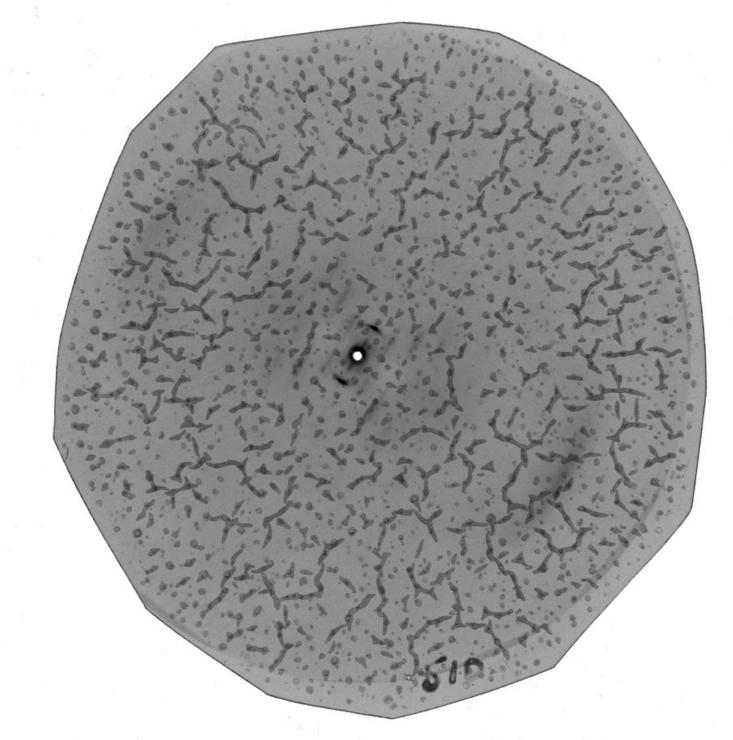
[No.] 334 75% [relative humidity] pictures 'B



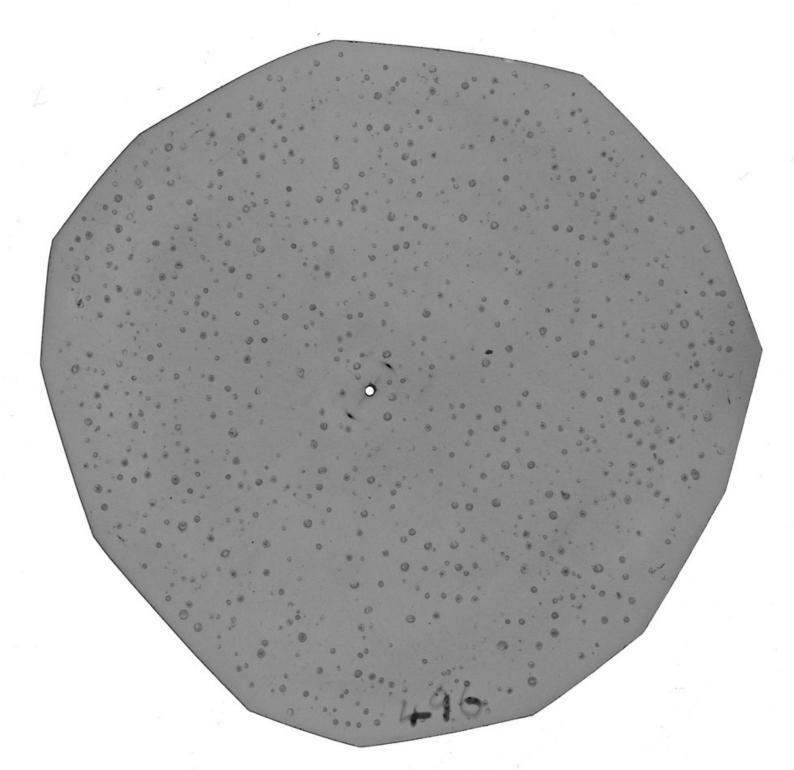
[No.] 334 75% [relative humidity] pictures 'B



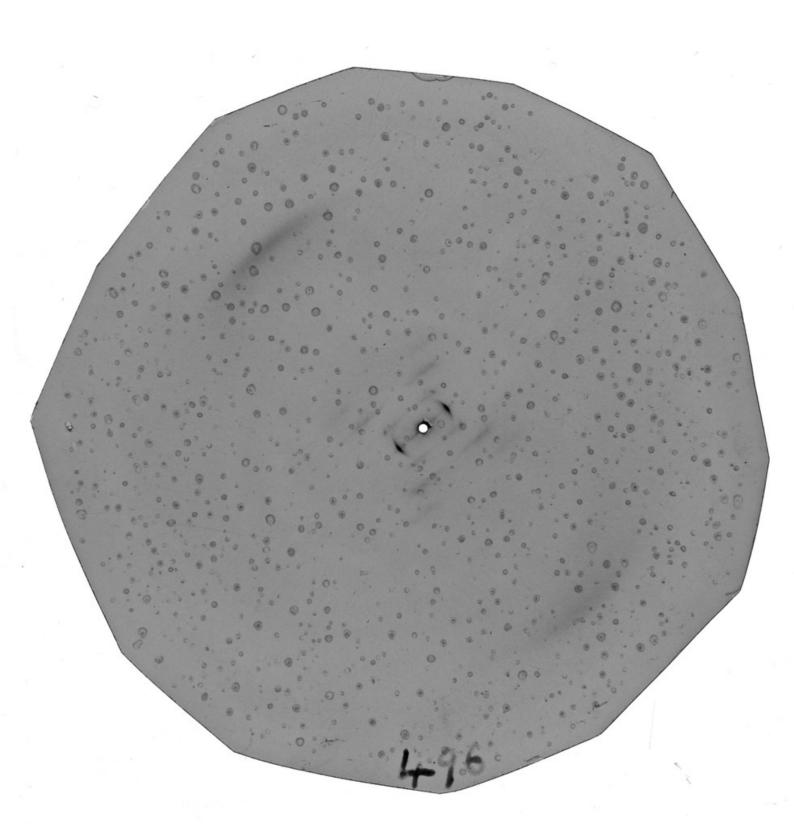
510 KDNA [Potassium salt of DNA] MP (L[eonard] D H[amilton]) 92% [relative humidity] 5/28/55



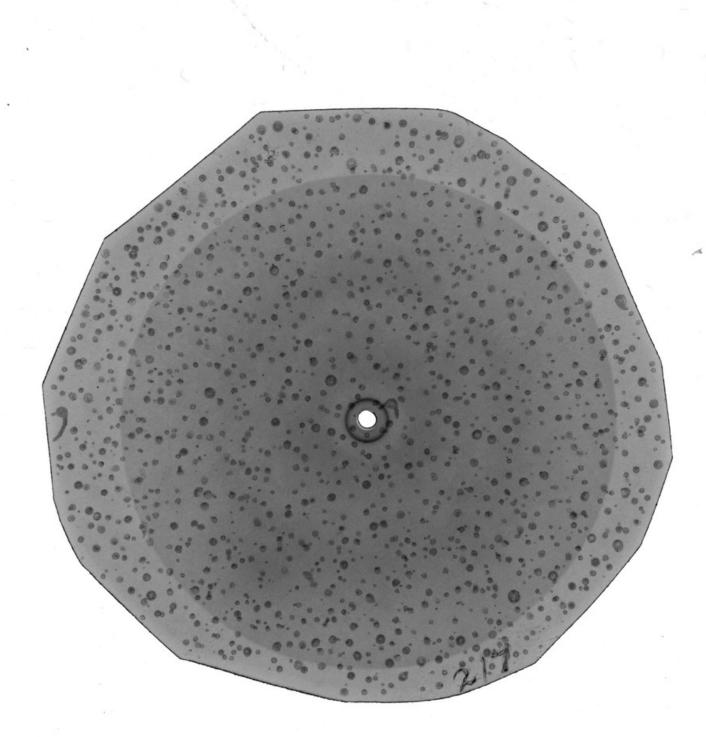
510 KDNA [Potassium salt of DNA] MP (L[eonard] D H[amilton]) 92% [relative humidity] 5/28/55



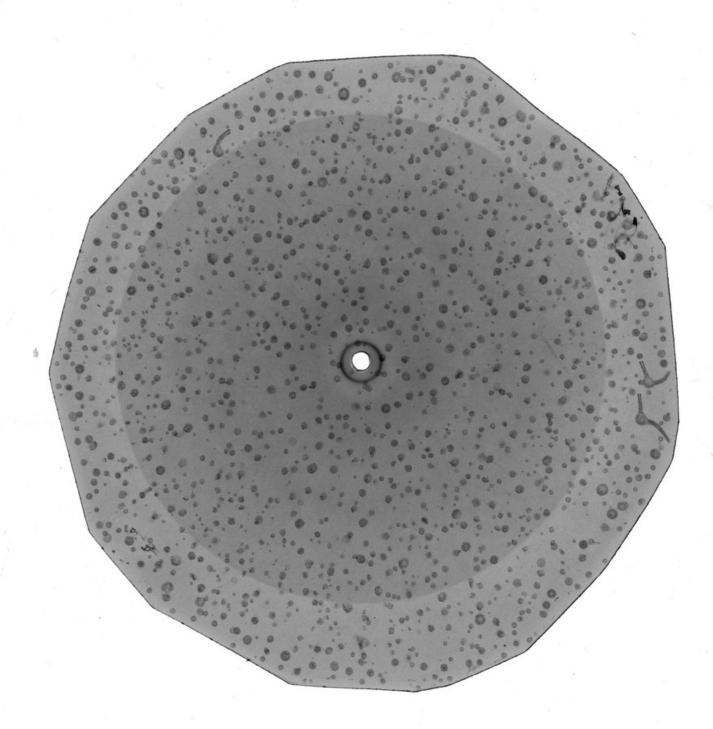
496 KDNA [Potassium salt of DNA] MP(L[eonard] D H[amilton]) 5/2/55 at 92% RH [relative humidity]



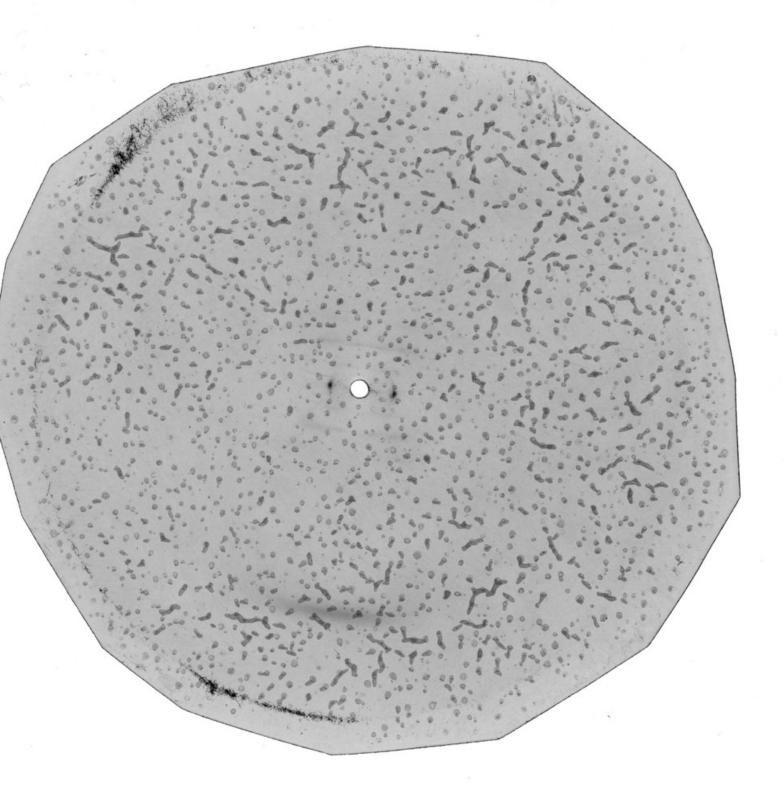
496 KDNA [Potassium salt of DNA] MP(L[eonard] D H[amilton]) 5/2/55 at 92% RH [relative humidity]



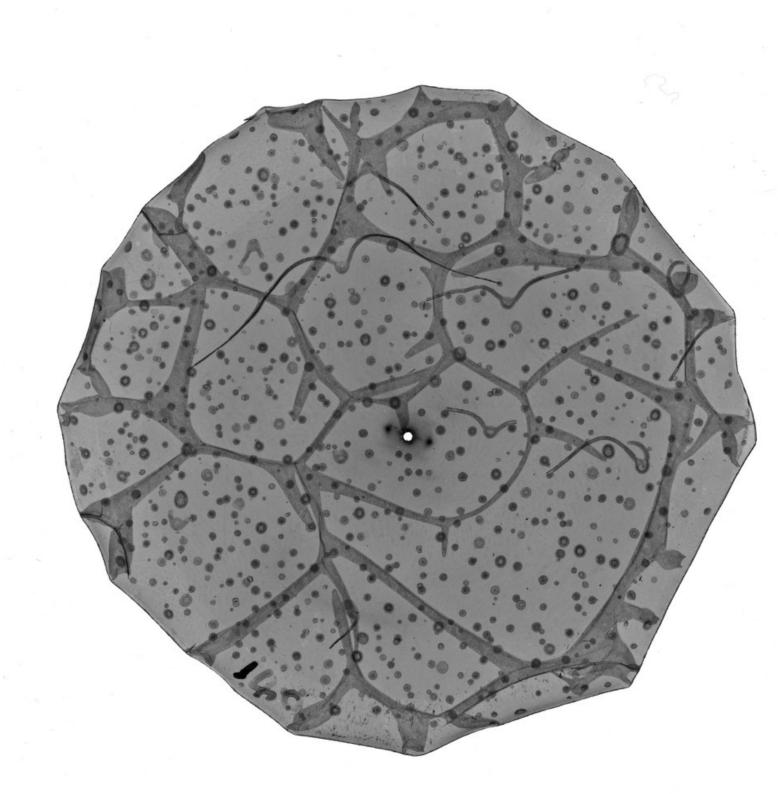
Series at 98% R.H. [relative humidity] 217,215 15 17



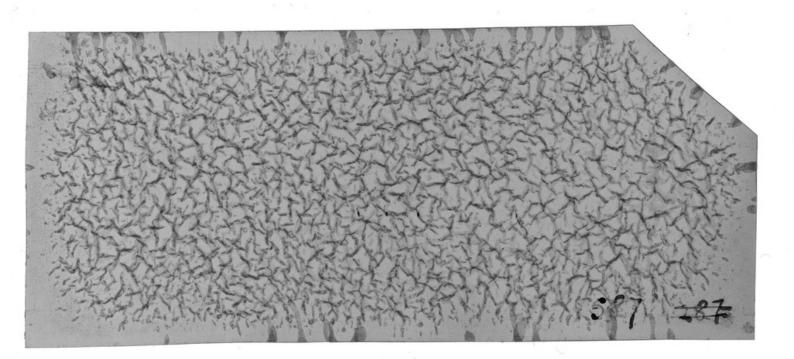
Series at 98% R.H. [relative humidity] 217,215 15 17



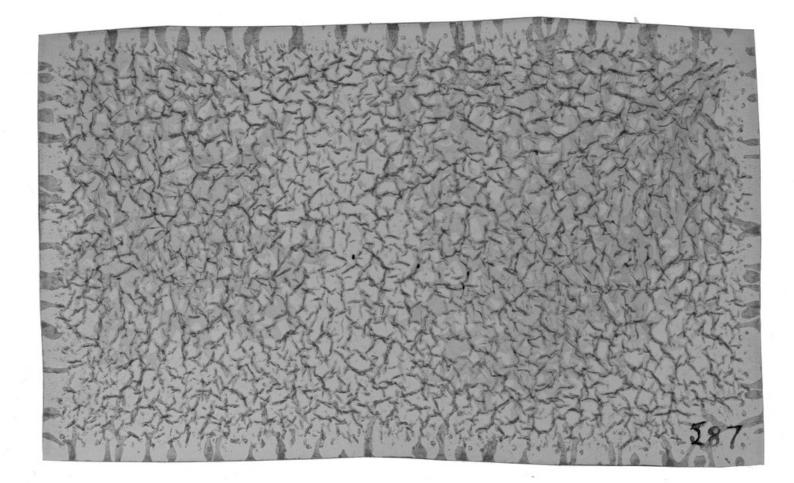
Quite Good B. [B-form DNA] 92% R.H [relative humidity] CEB 80-1 11/8/54 322

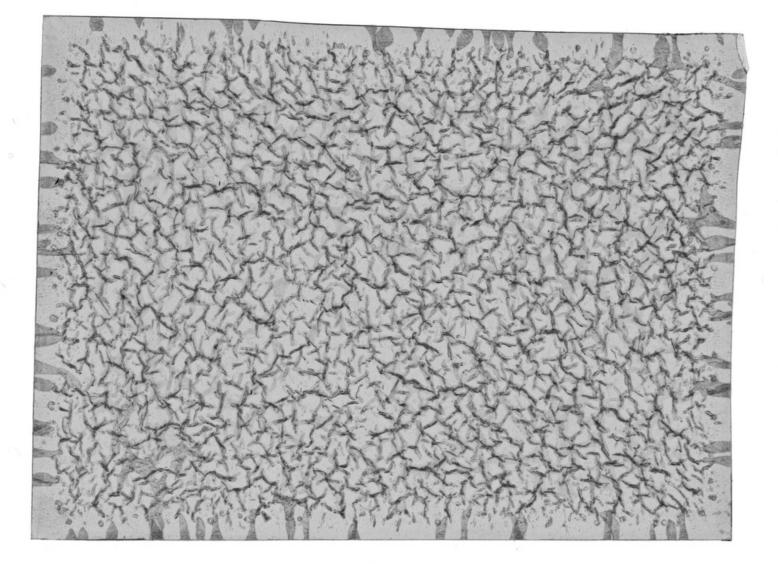


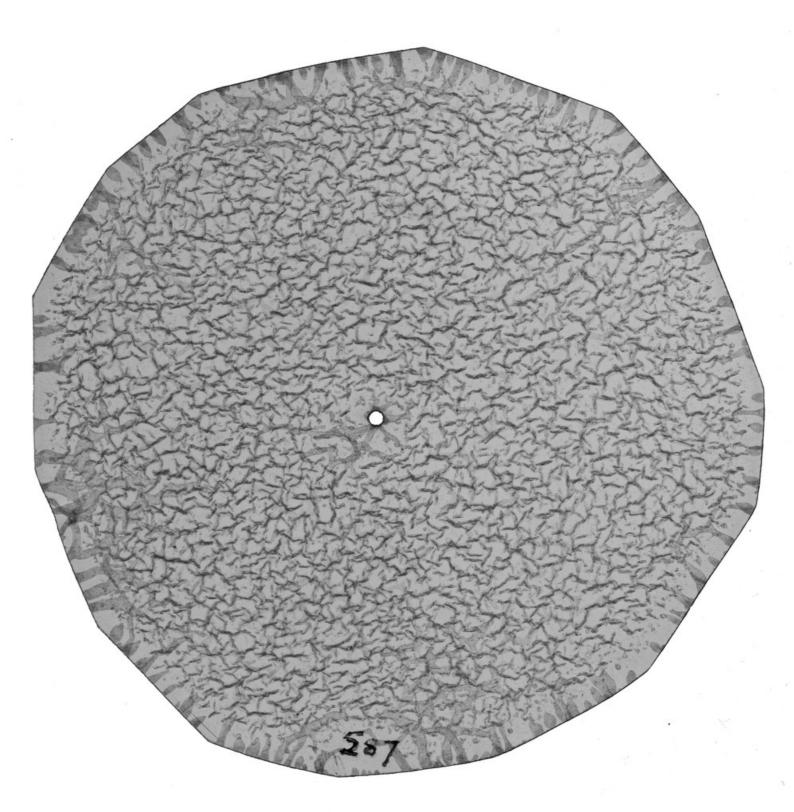
No. 140 [Lomer] film S180 [mouse sarcoma] 98%H [relative humidity]

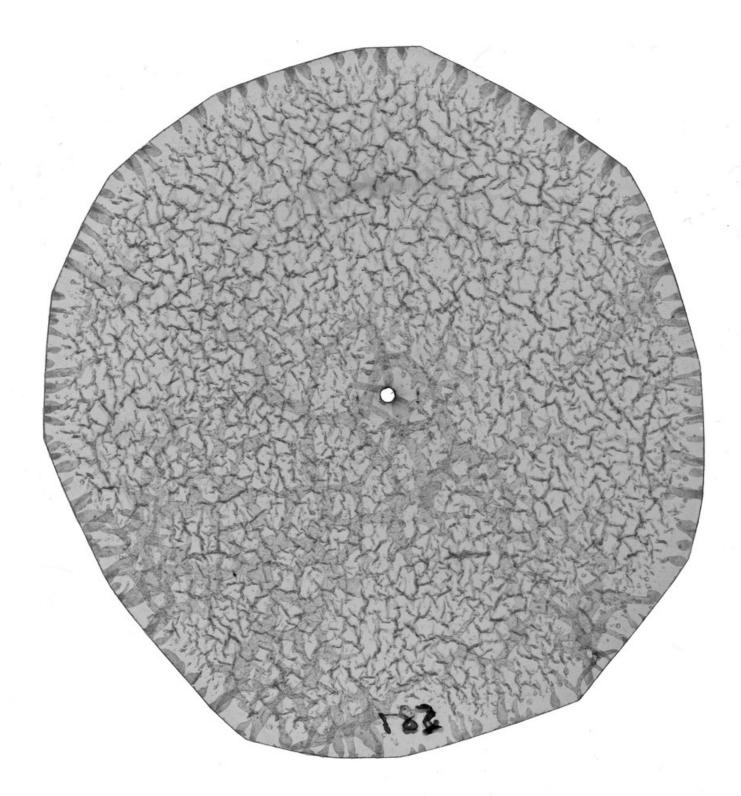


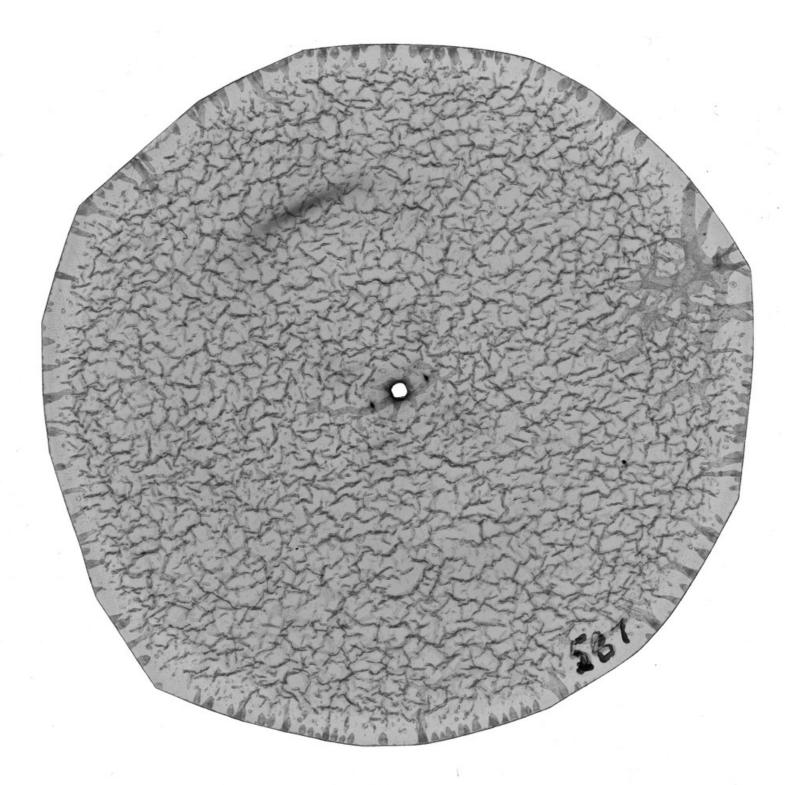
[Roger] Vendrely's DNA Tilted 14.5° 92% [relative humidity] 587

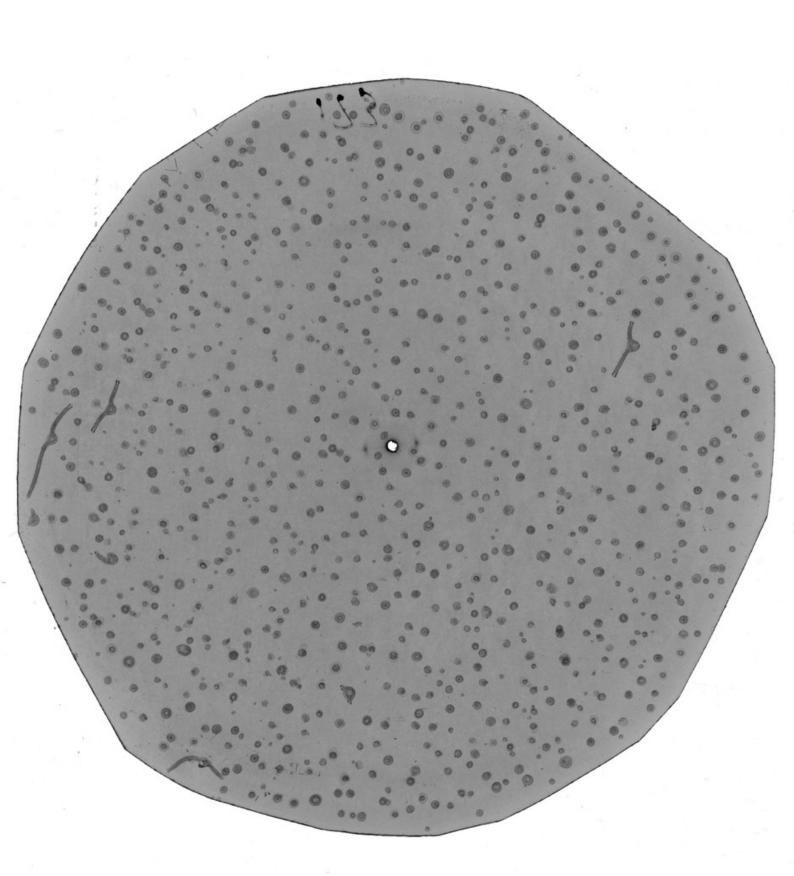




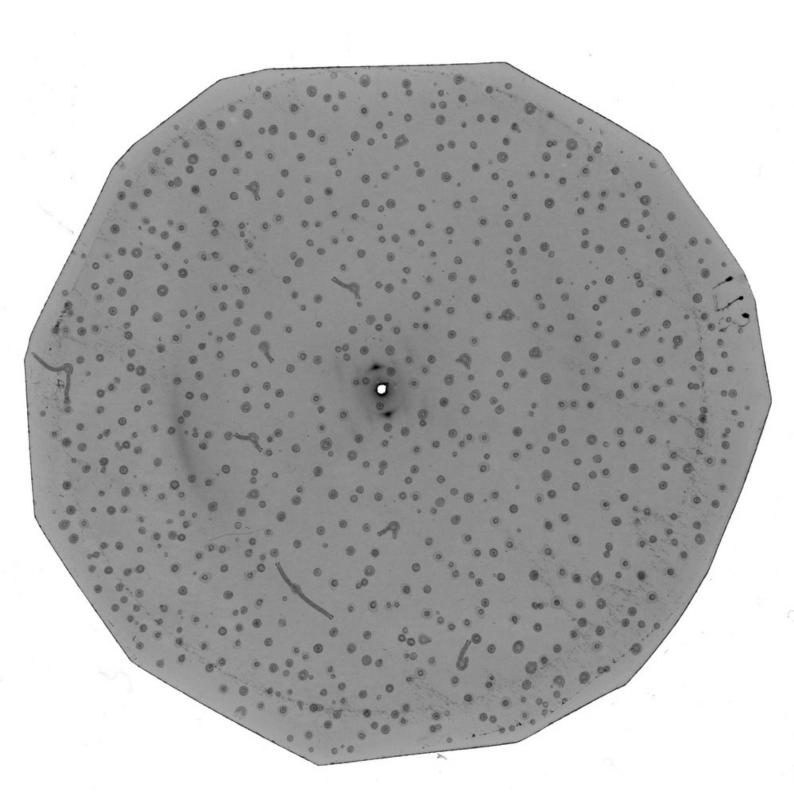




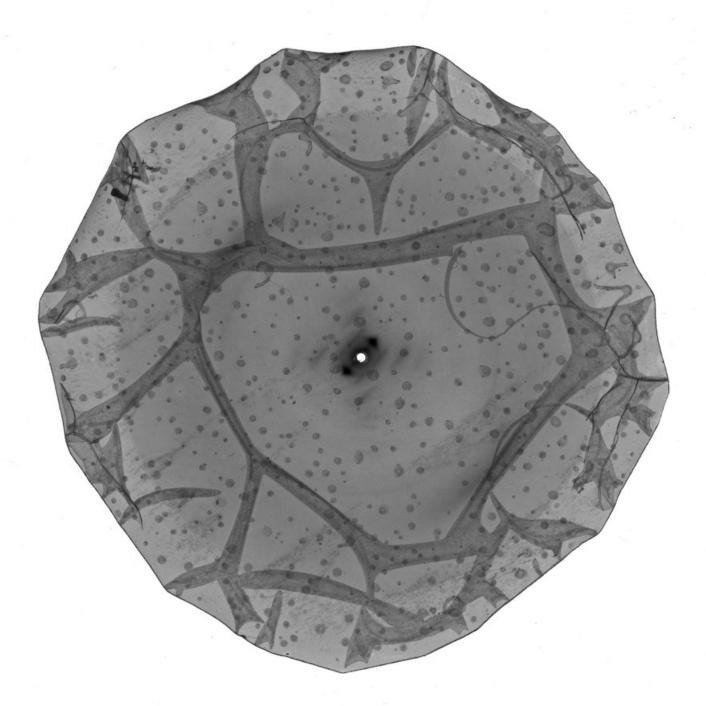




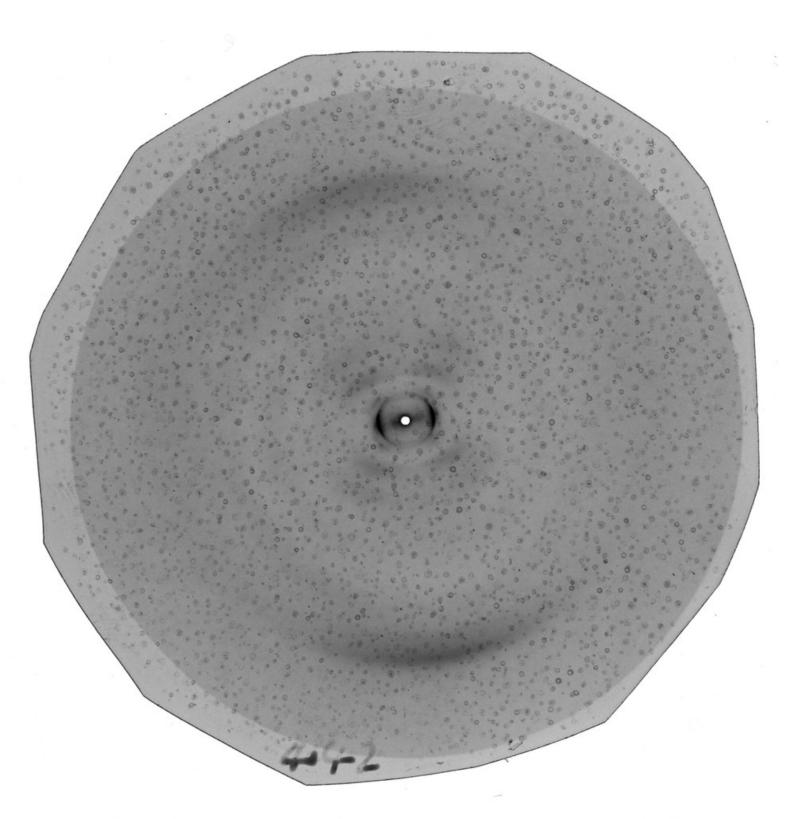
RB3-147 DNA C 2 26.3 A° 98% RH [relative humidity] No. 173



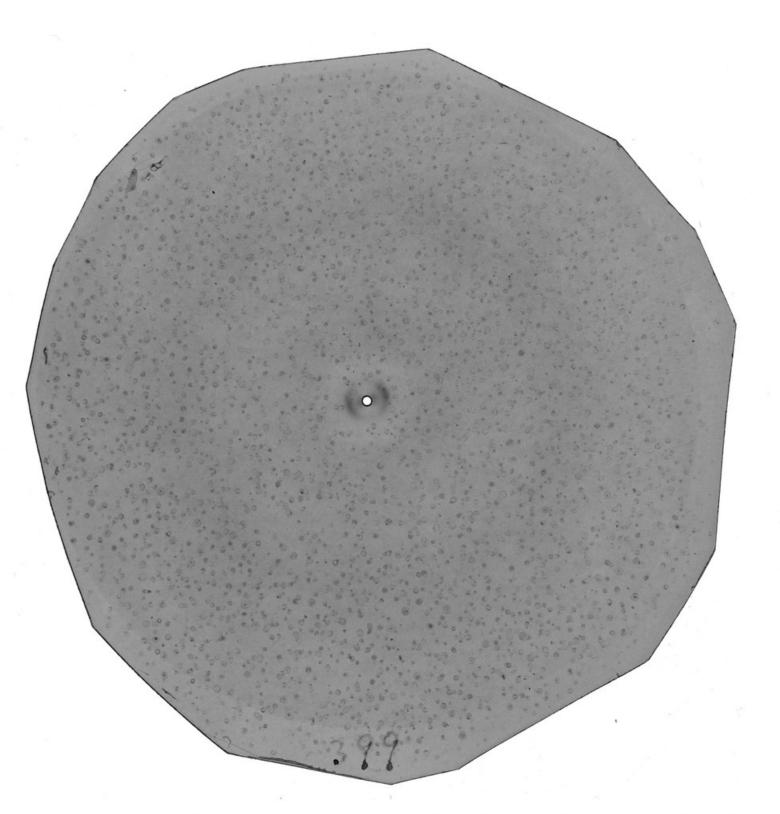
RB3-147 DNA C 2 26.3 A° 98% RH [relative humidity] No. 173



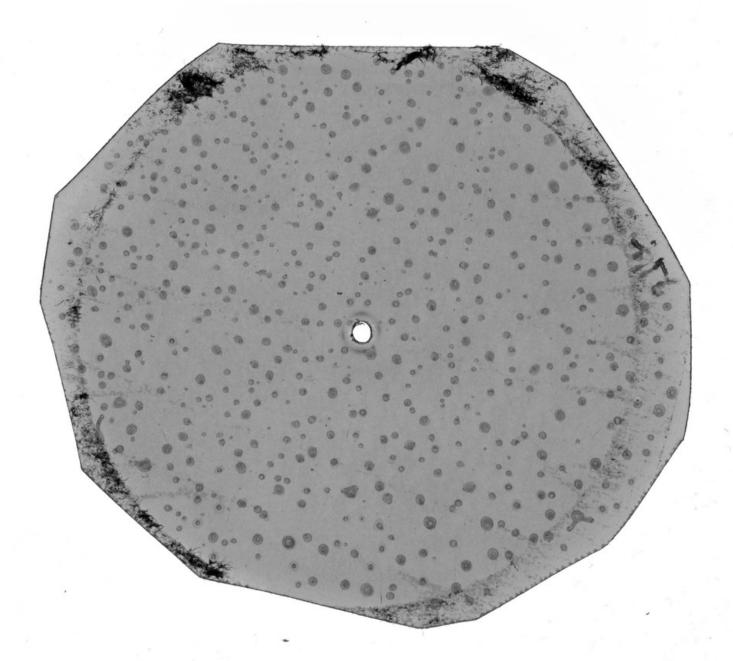
S180 [mouse sarcoma] tension at 98% [relative humidity]



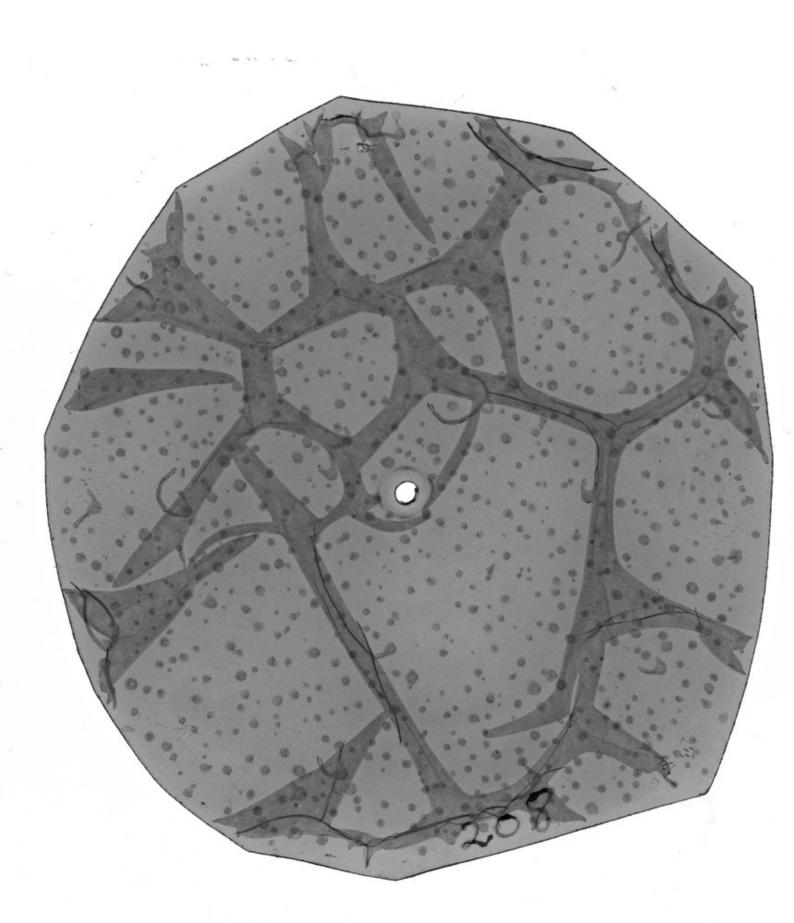
S180 [mouse sarcoma] tension at 98% [relative humidity]

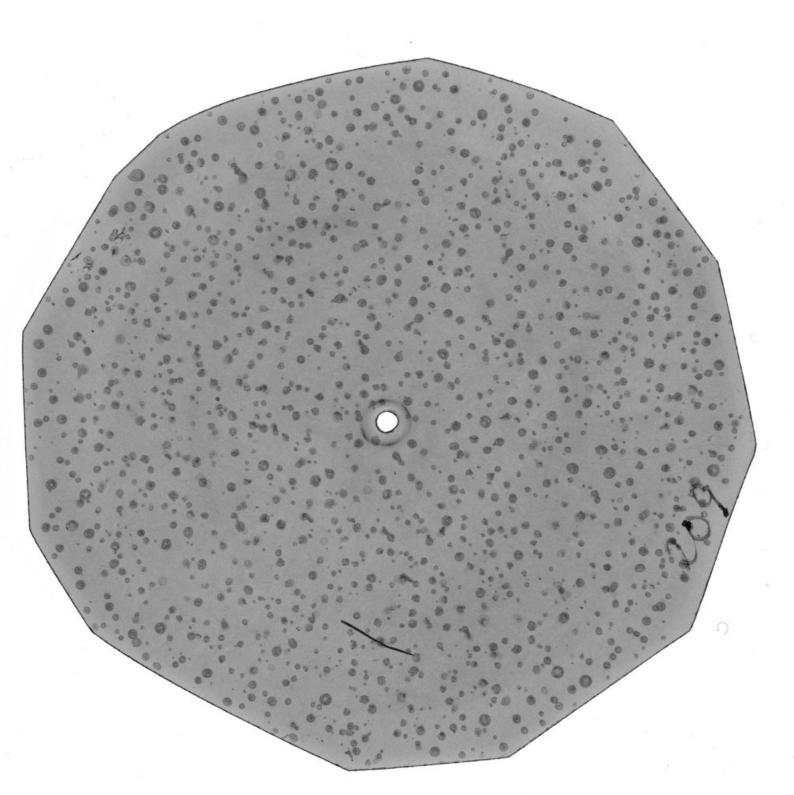


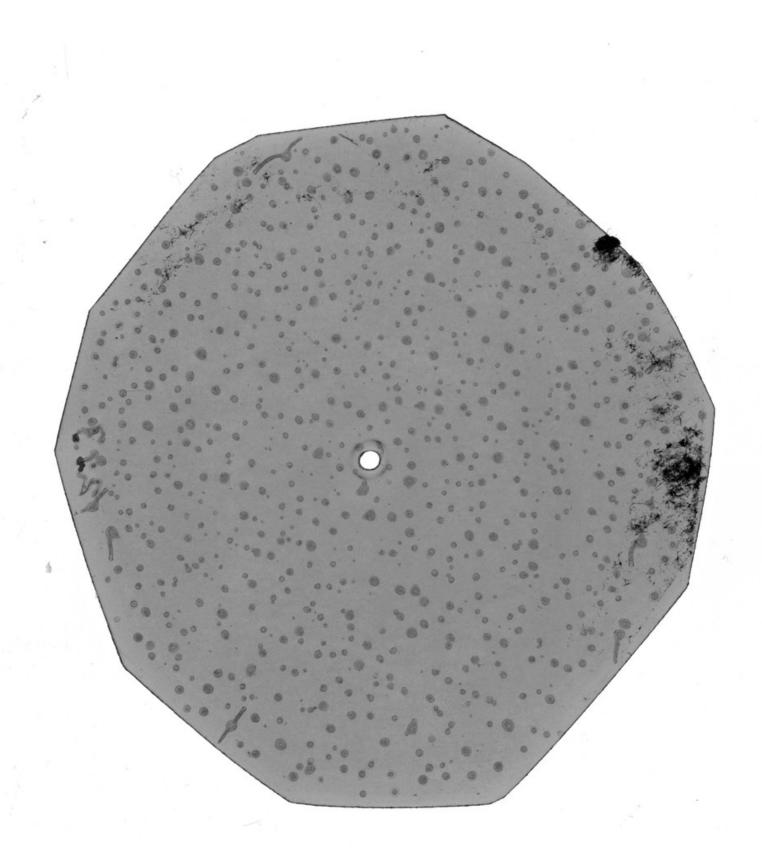
A [?] Series 6EB 80-1 wet fibre - intube faint 3.4 vis 38A spacing [no] 399

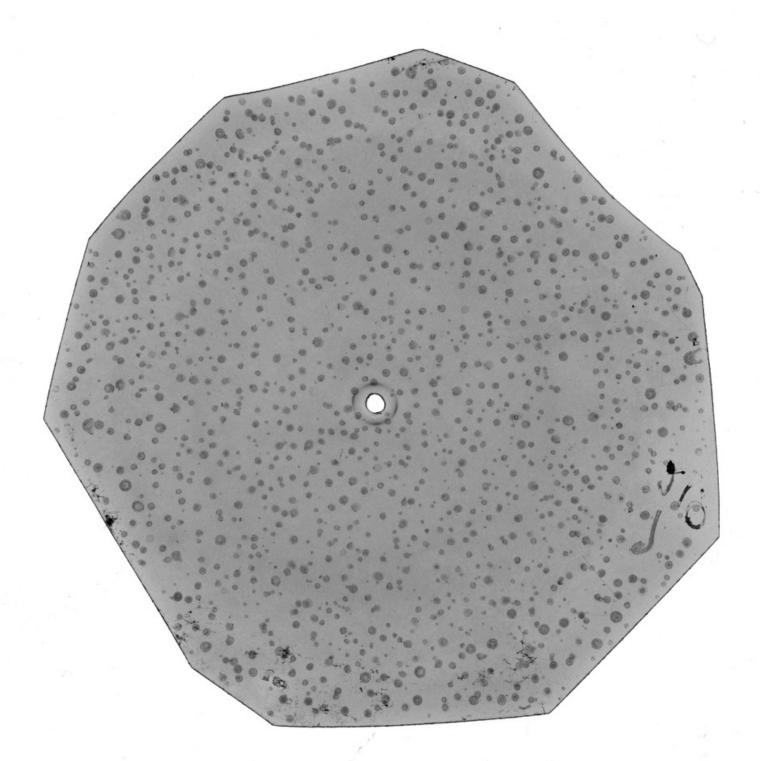


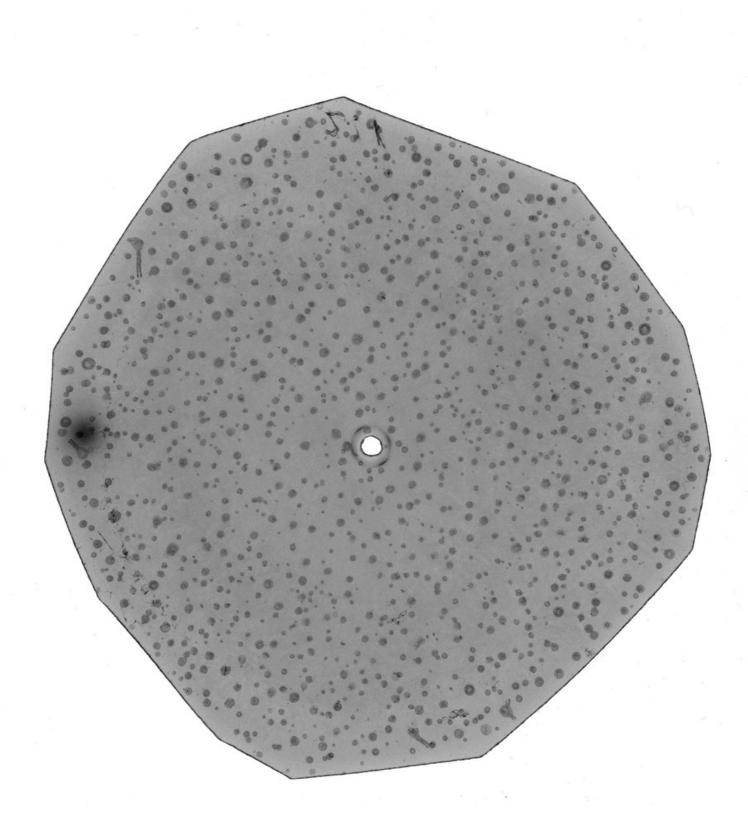
No. 200 (98%?) KClO3

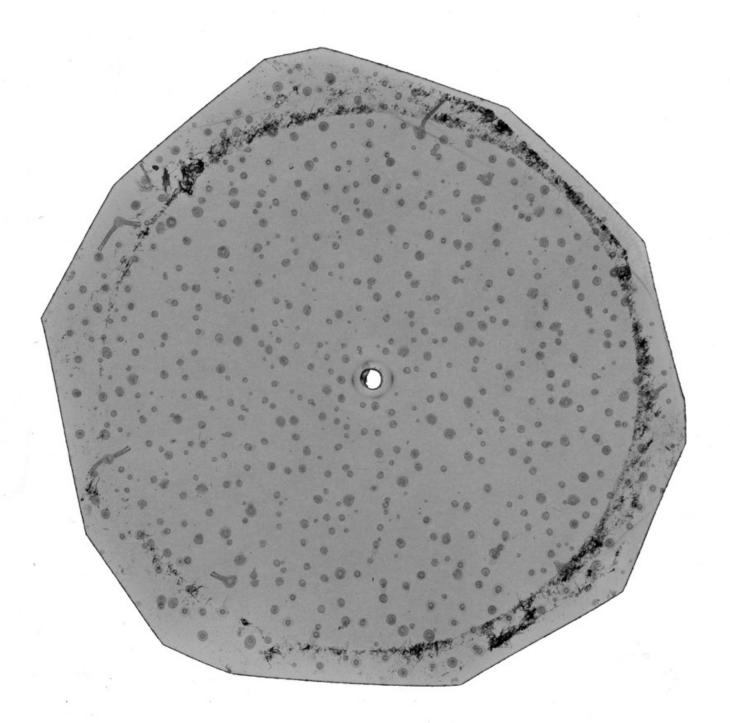


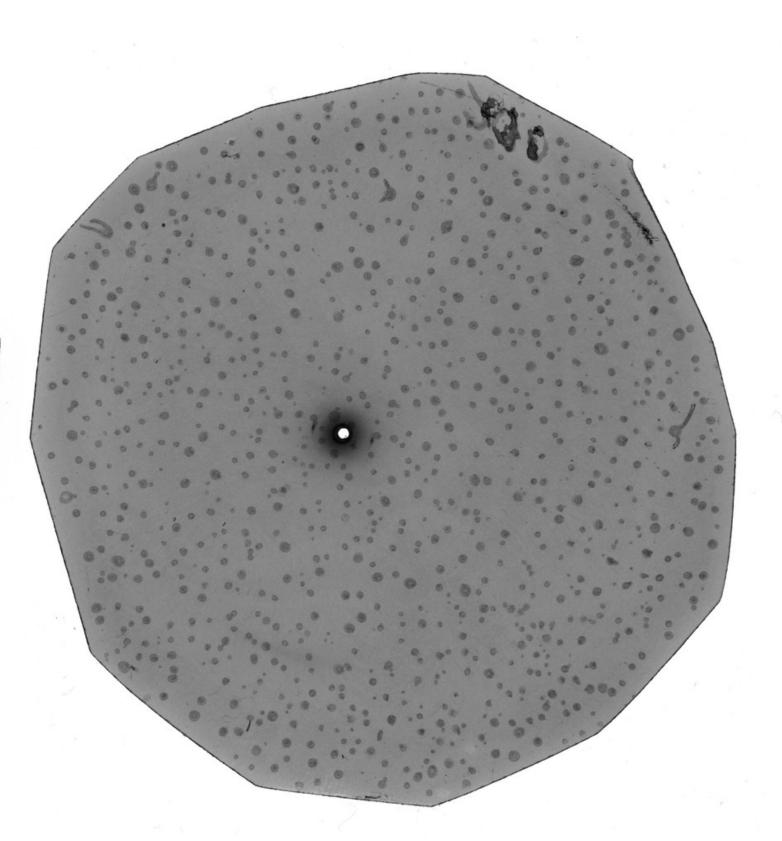


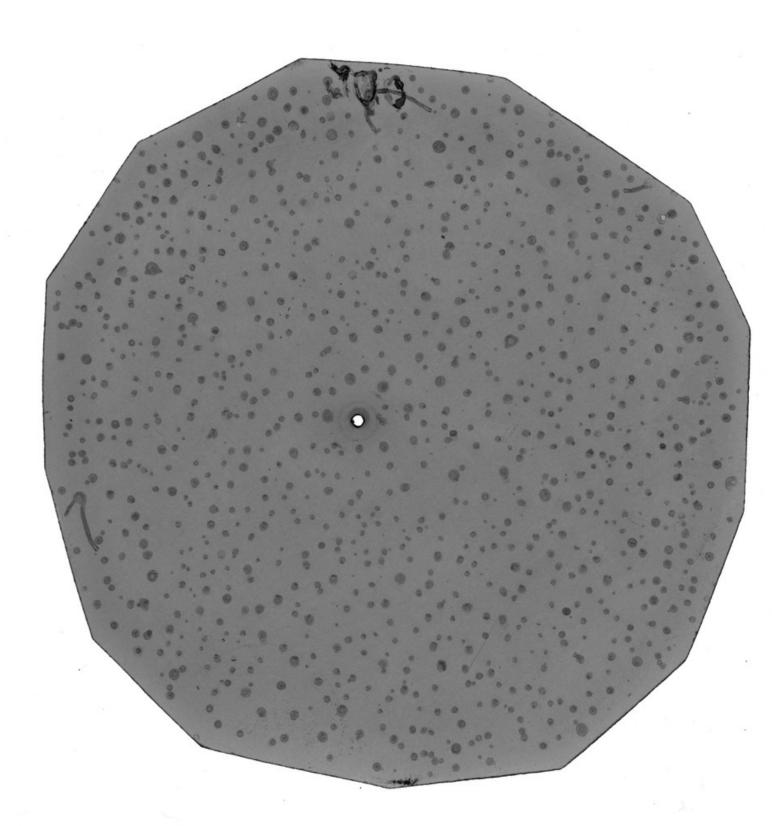


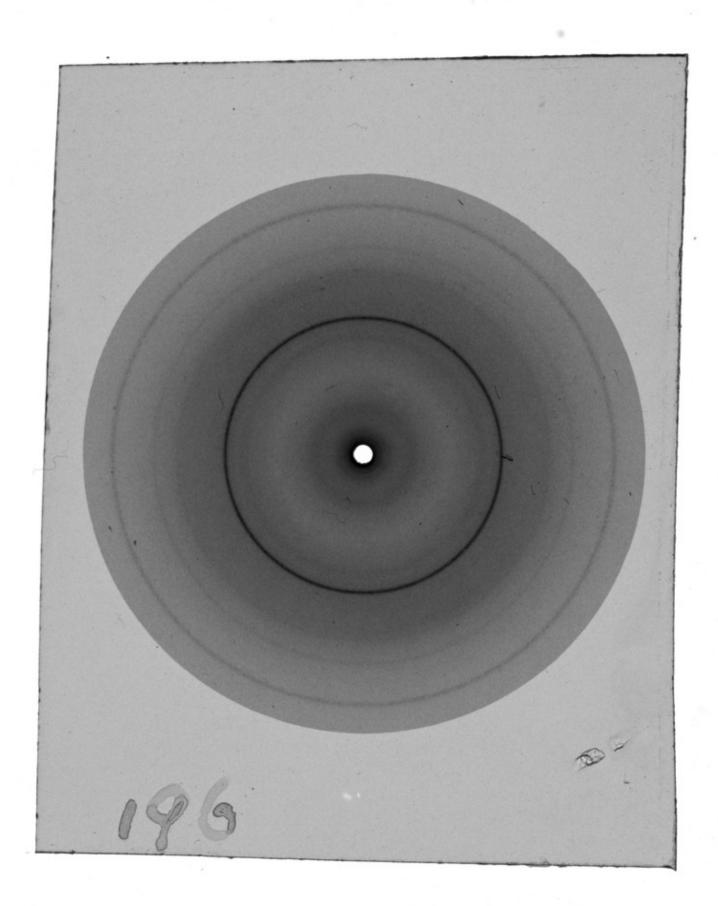


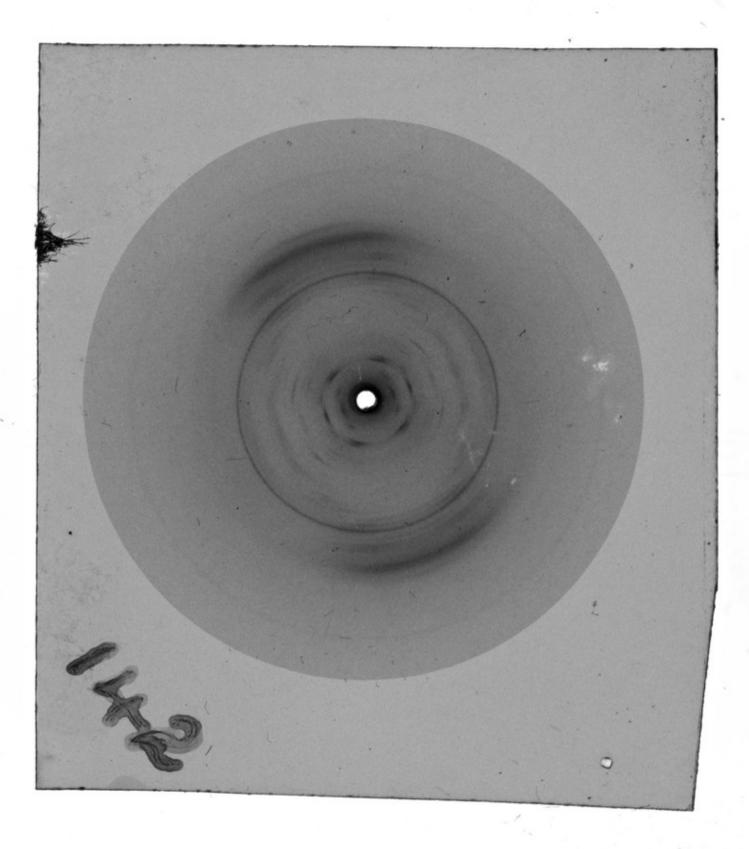




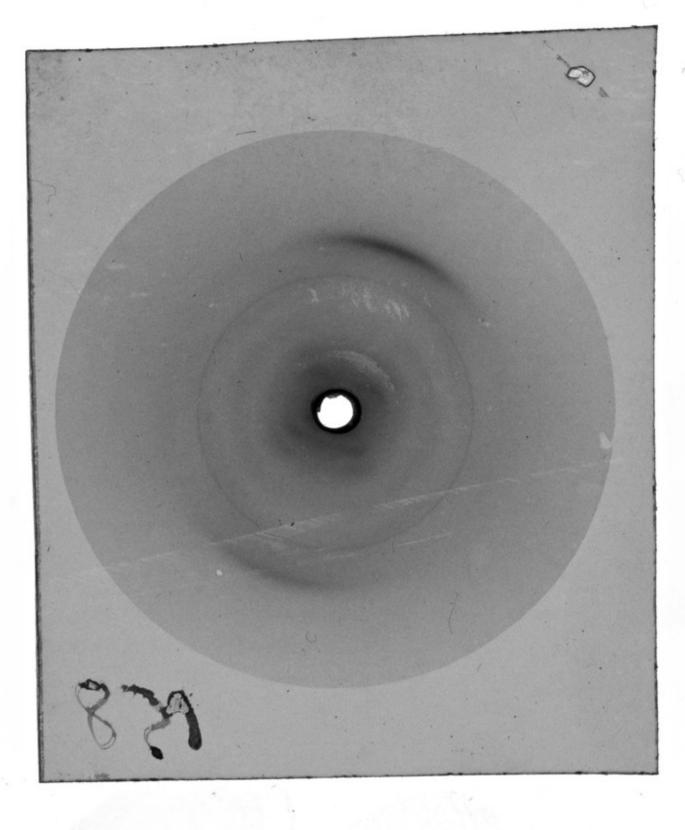




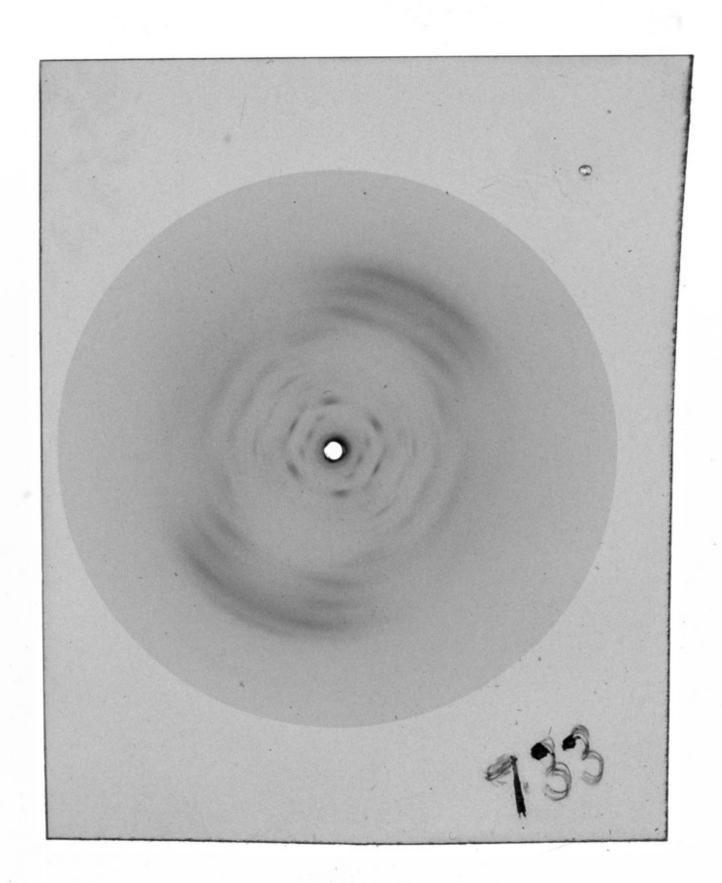




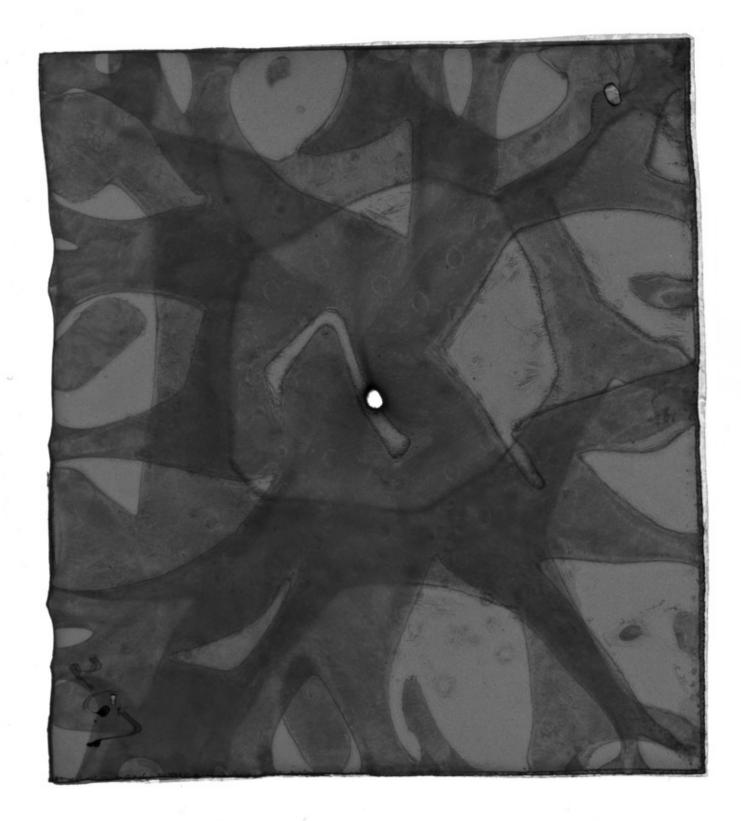
[No.] 142 EB # 1 p69



[No.]158 EB p95 DNA I F

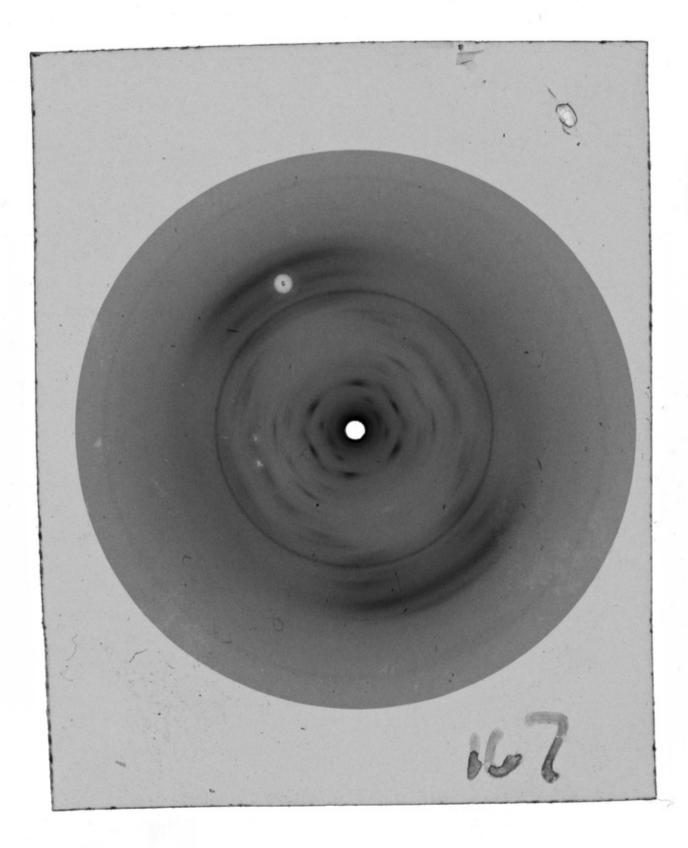


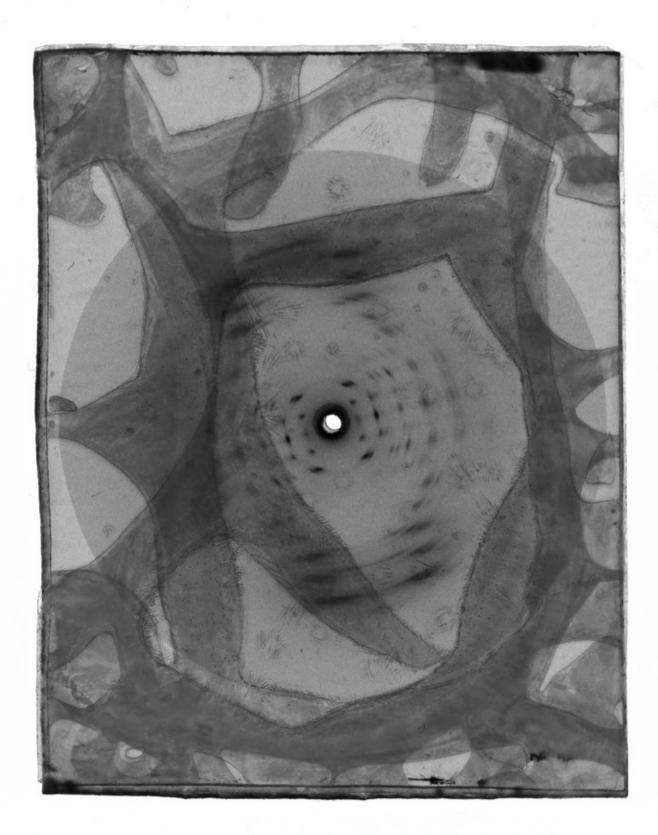
#14 NC-LDH [Leonard D Hamilton] p13 12/31/56 No 733



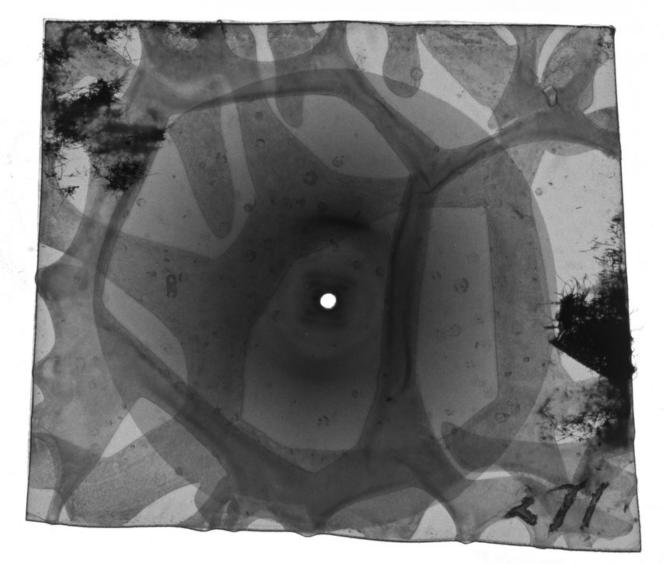
No. 267 SEB 296 DNA 7/12/54

[No.] 167 EB p94 DNA II S

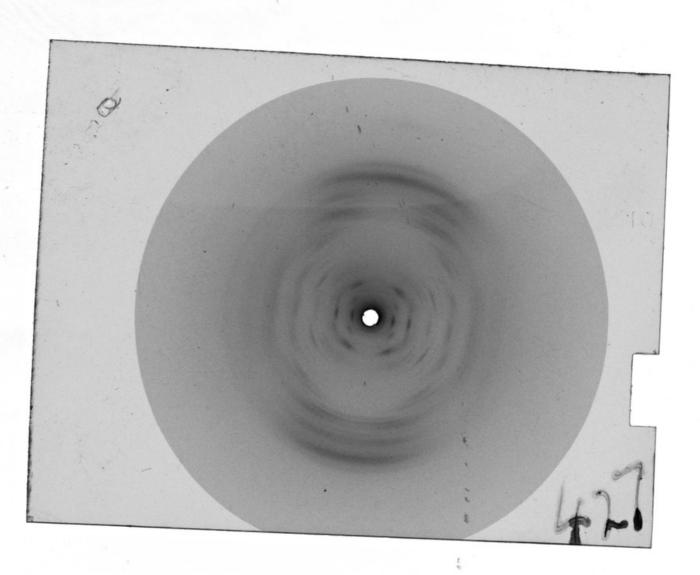


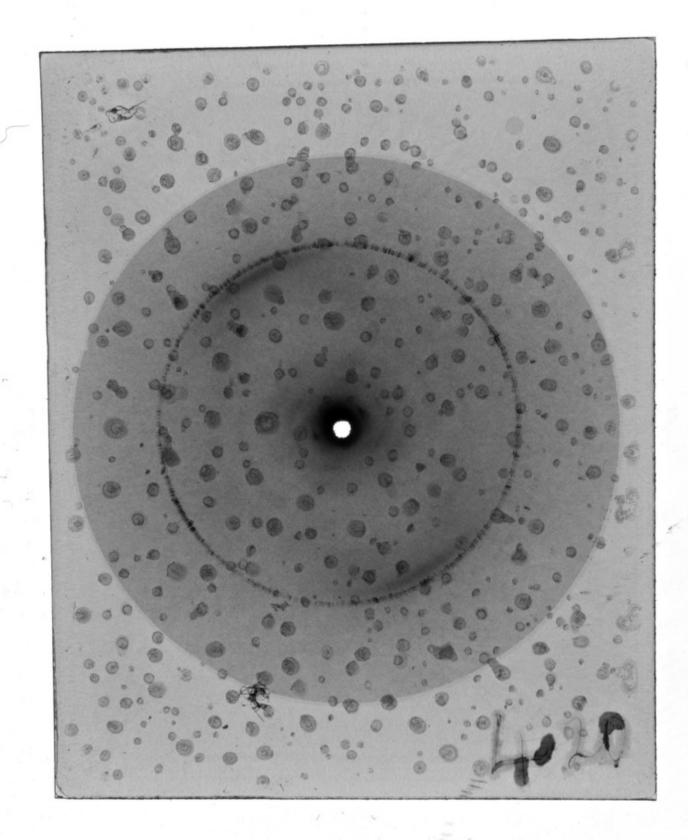


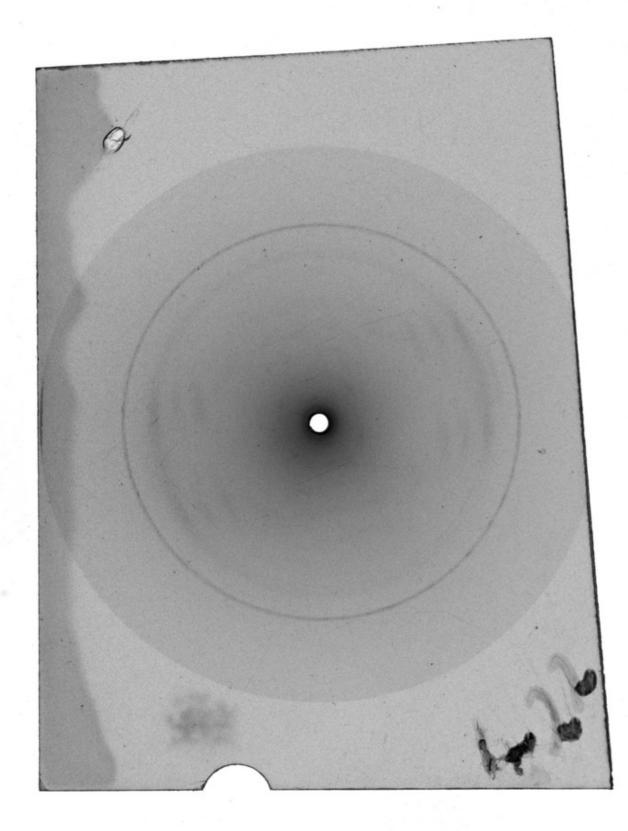
SEB 288 5/11/54 No 232

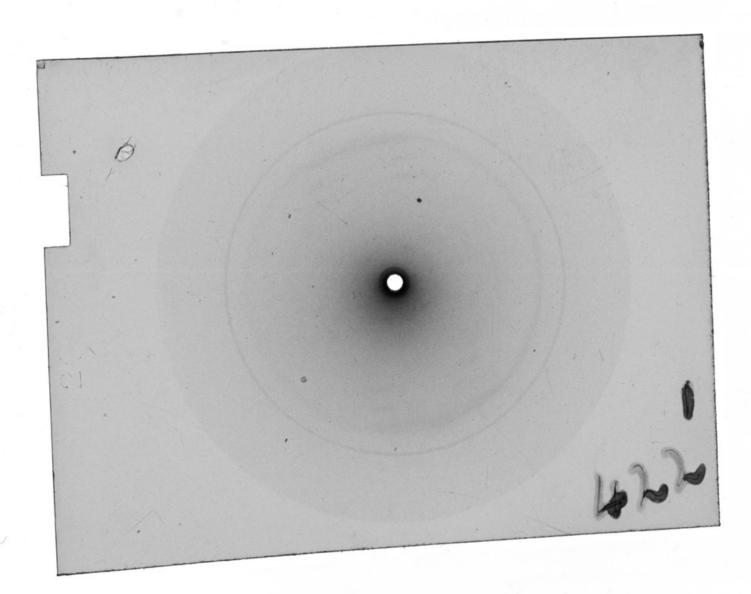


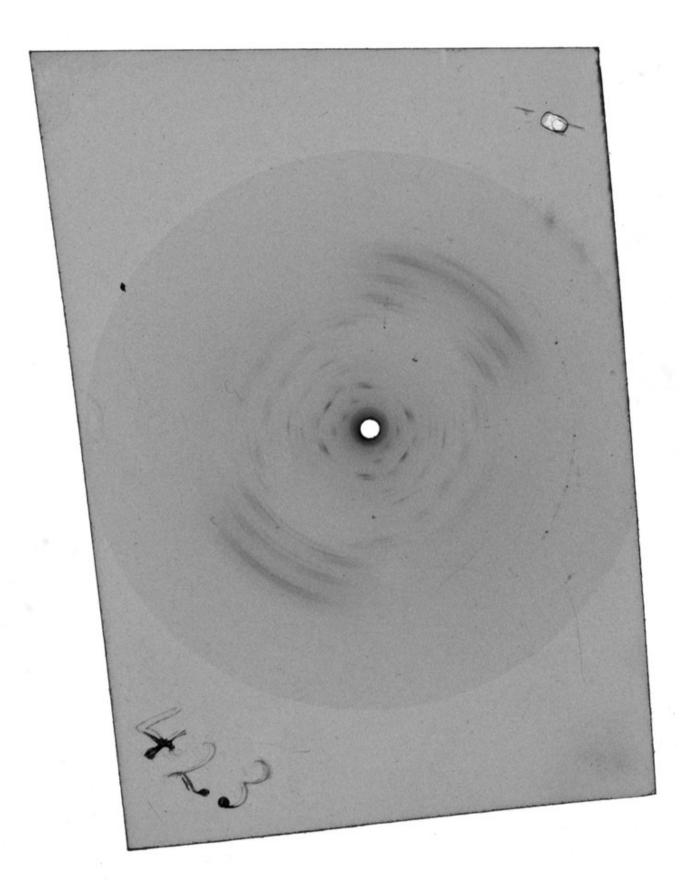
No. 271 tilted SEB 288 5/11/54 (2) at 92% R.H [relative humidity]

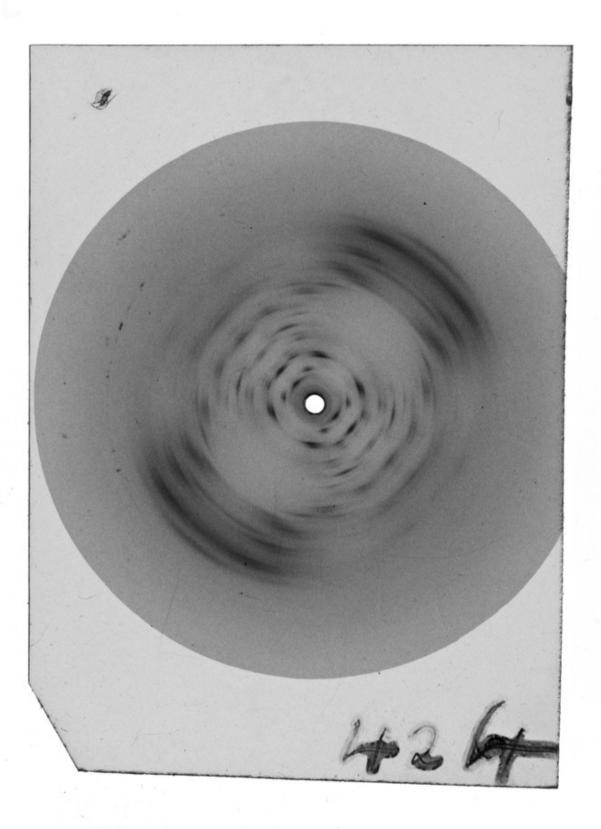


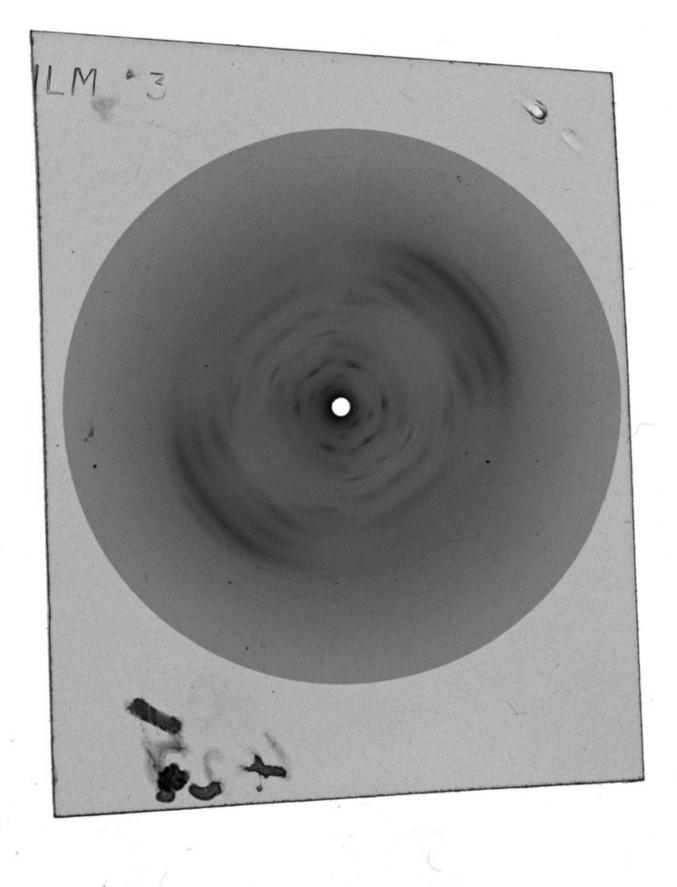


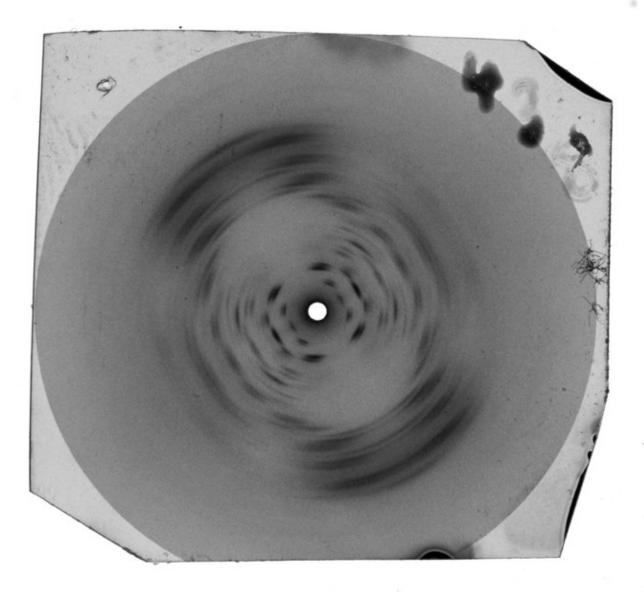


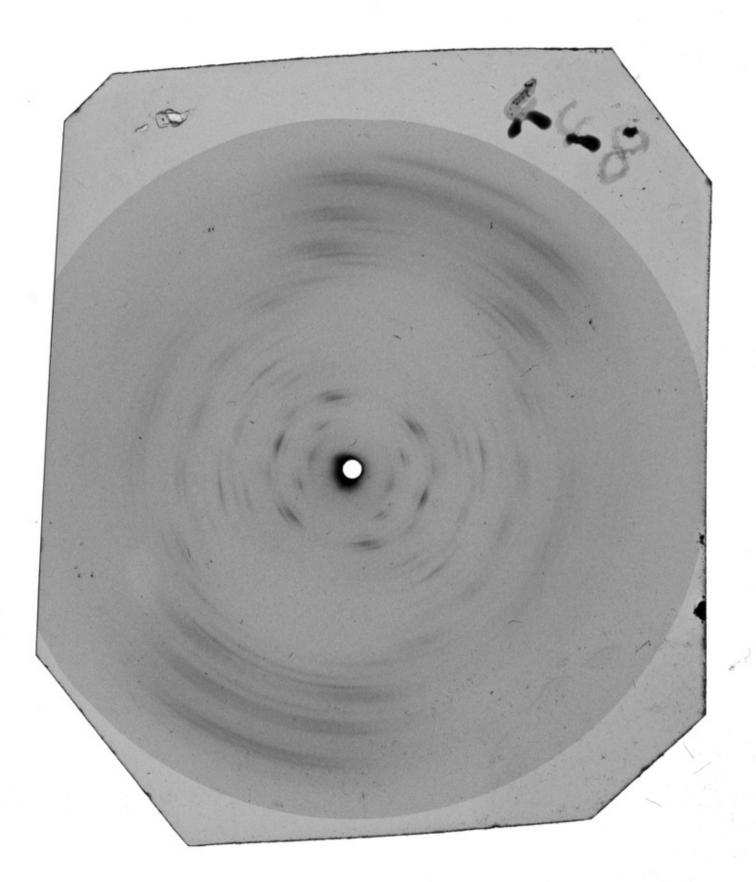




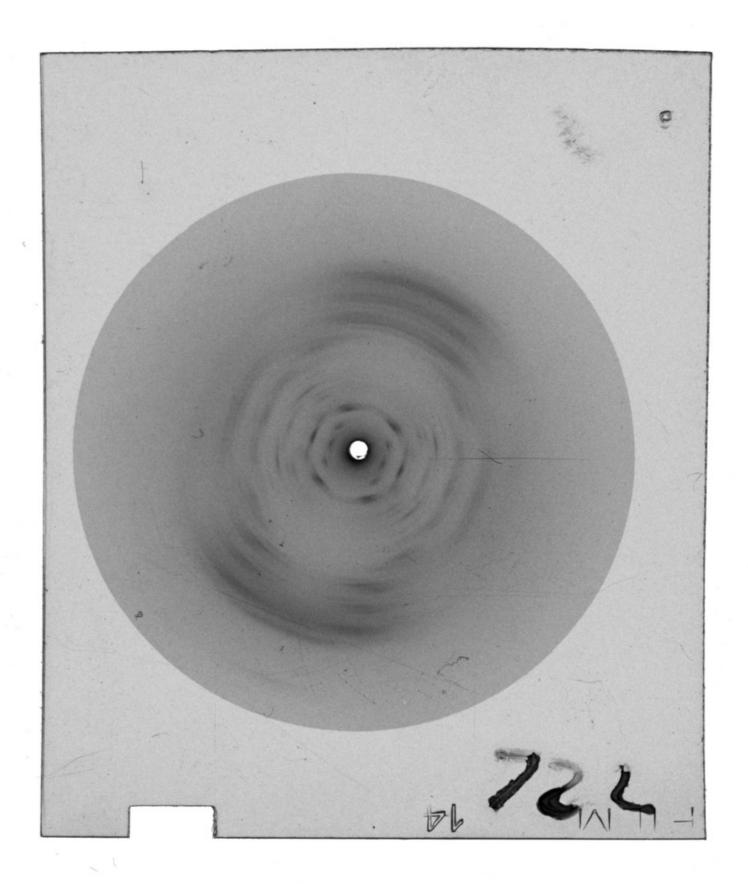


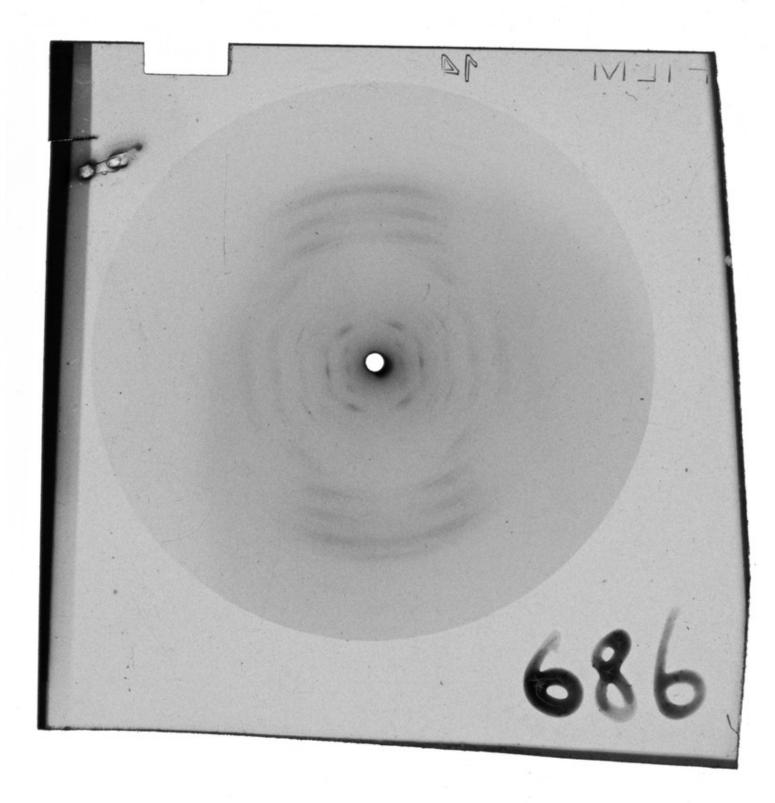


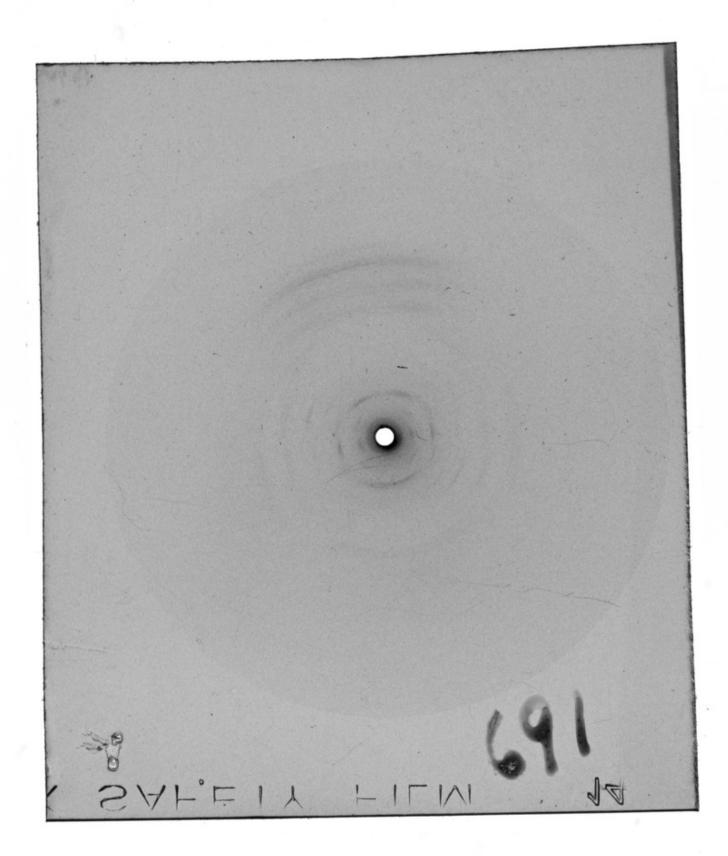


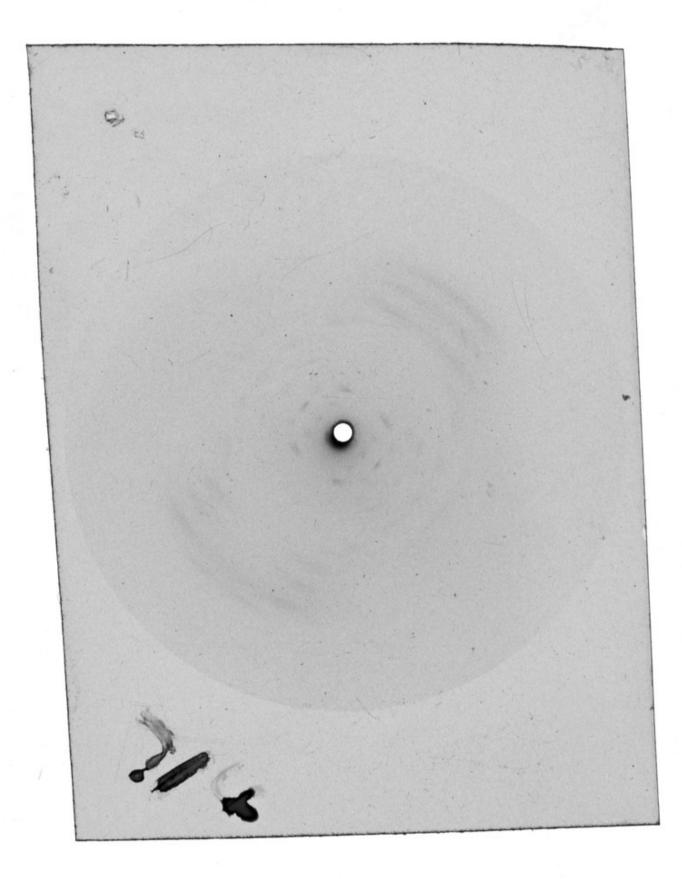


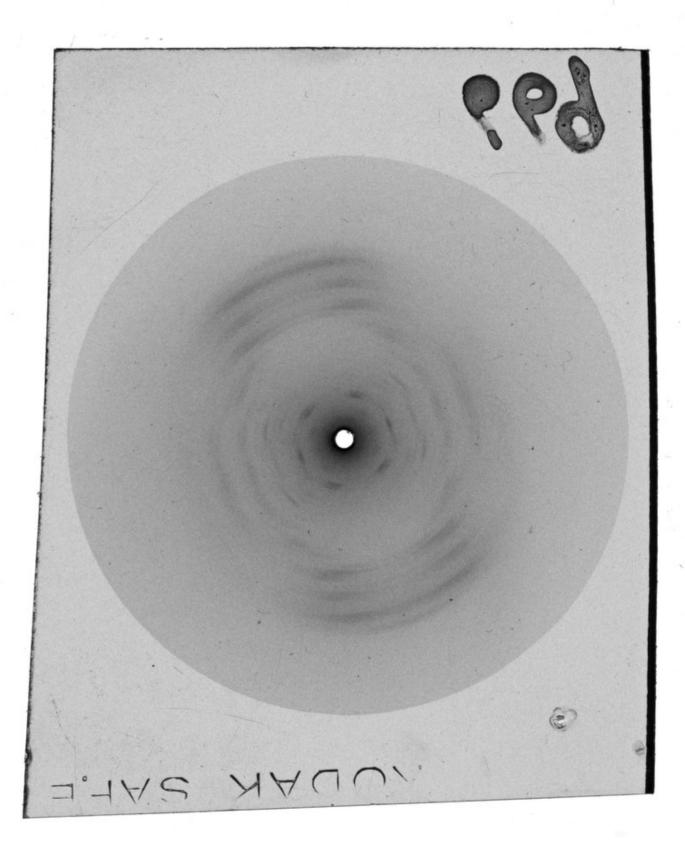
VI EB 97-2 448

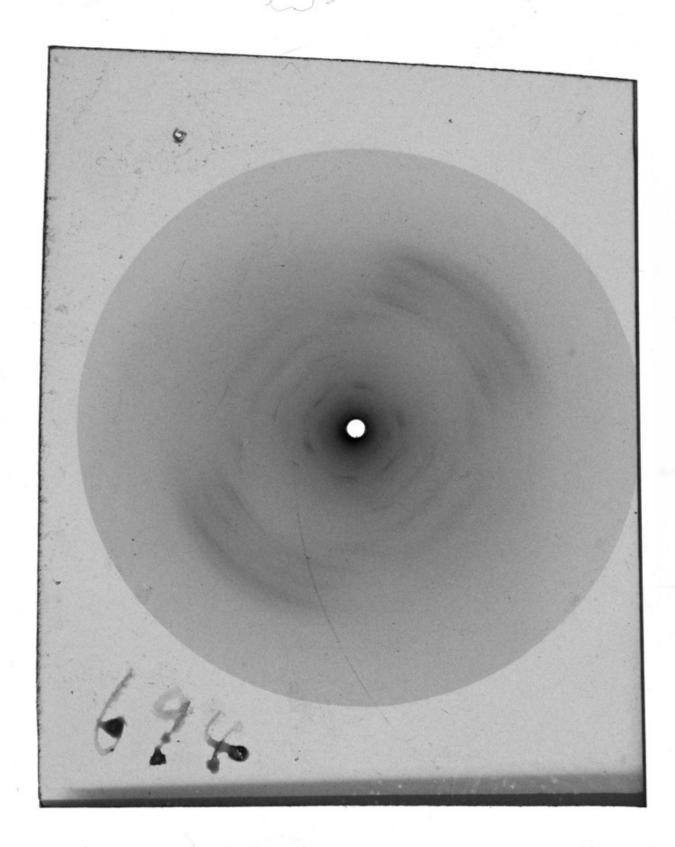


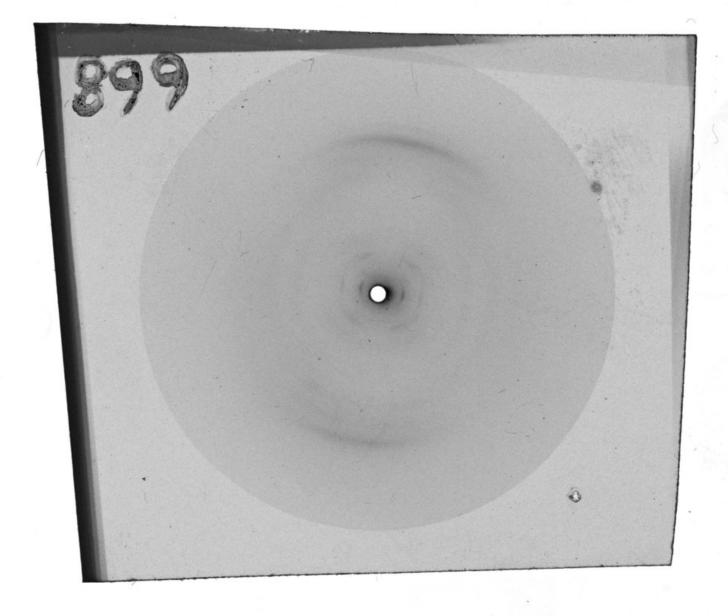


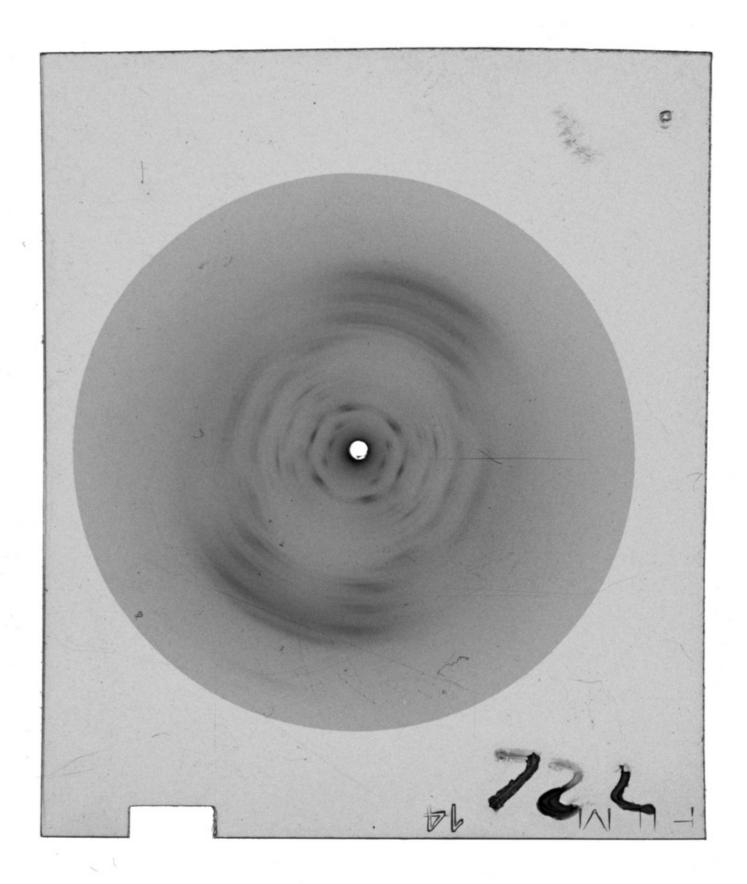


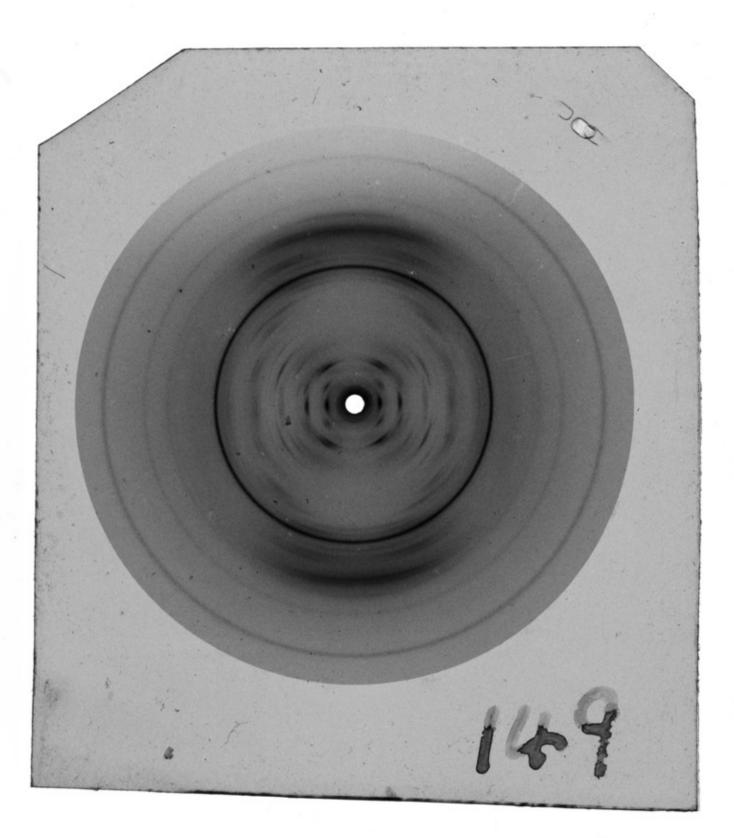




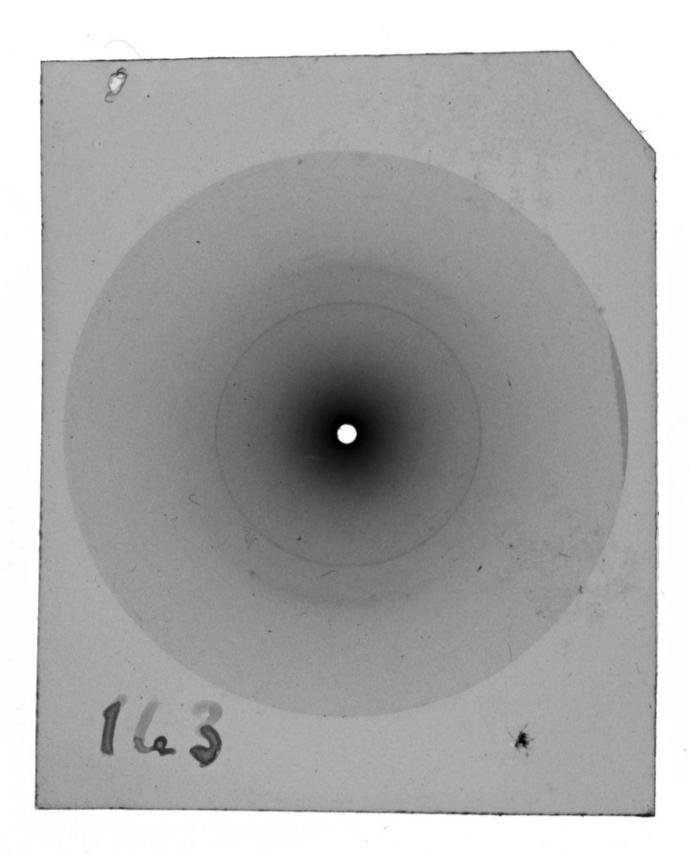


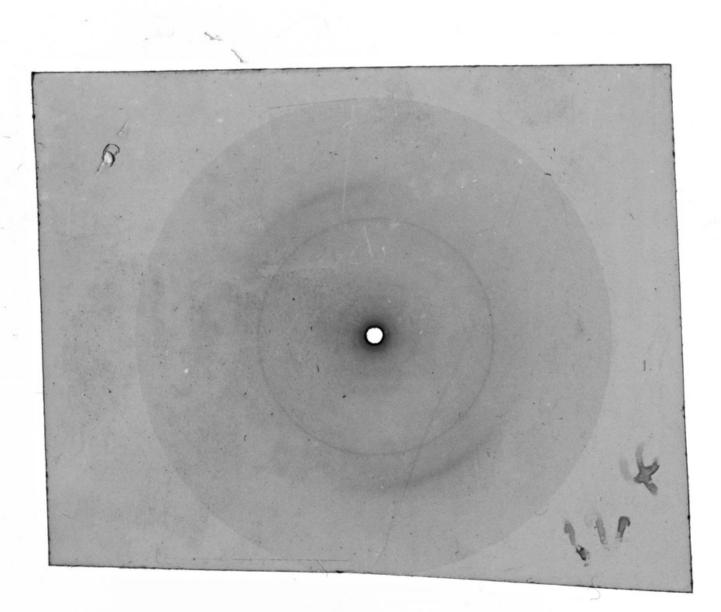




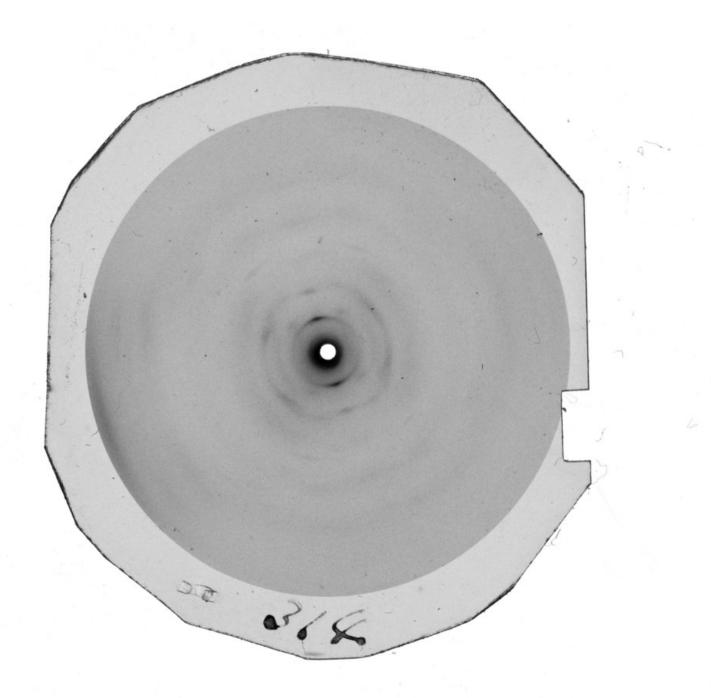


[No.]163 EB P 94 DNA IF

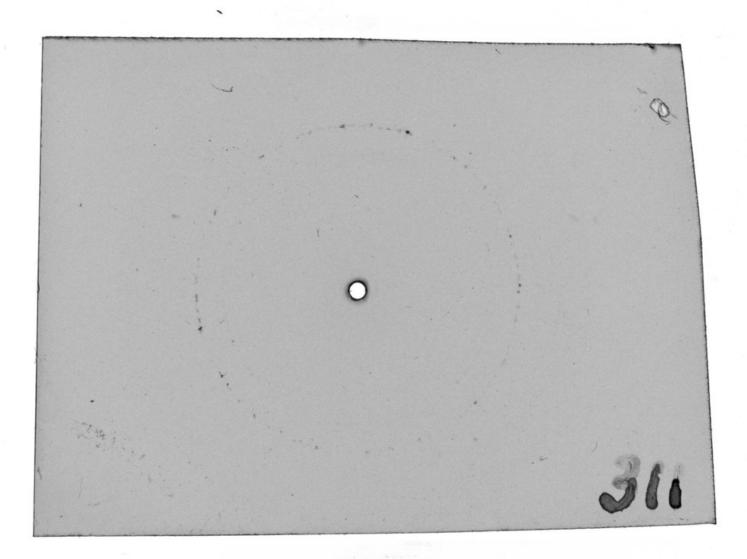




[No.]124 EB # 5 P 71



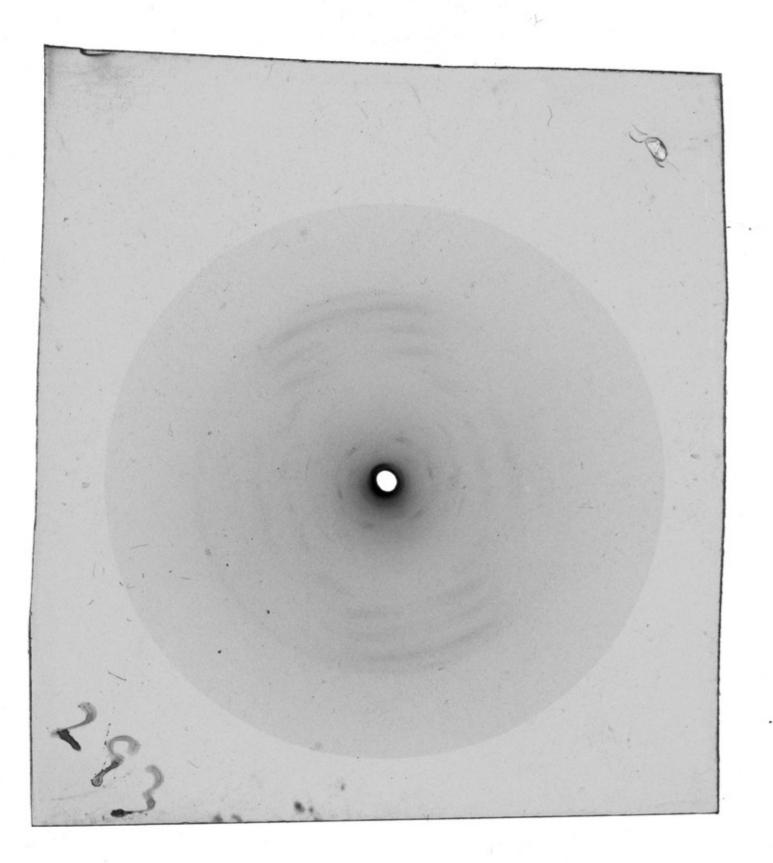
Good B's

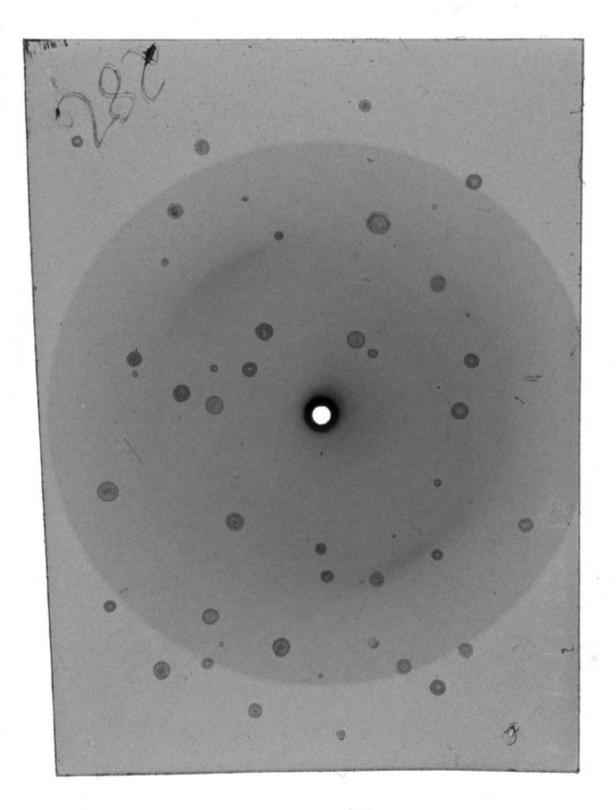


6EB 0-3 11/9/54 [No.] 311

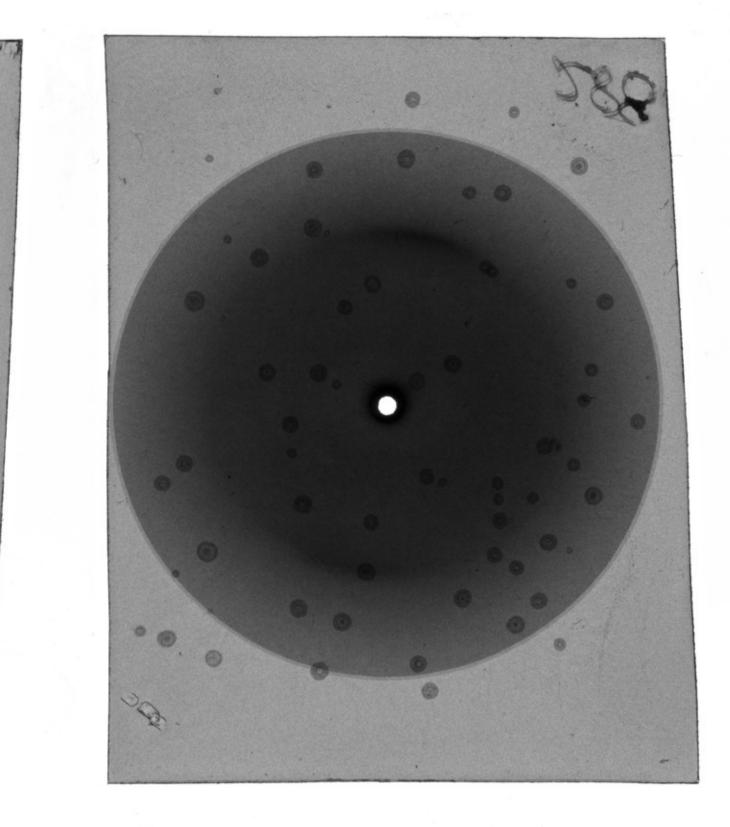


6EB 0-3 11/9/54 [No.] 311

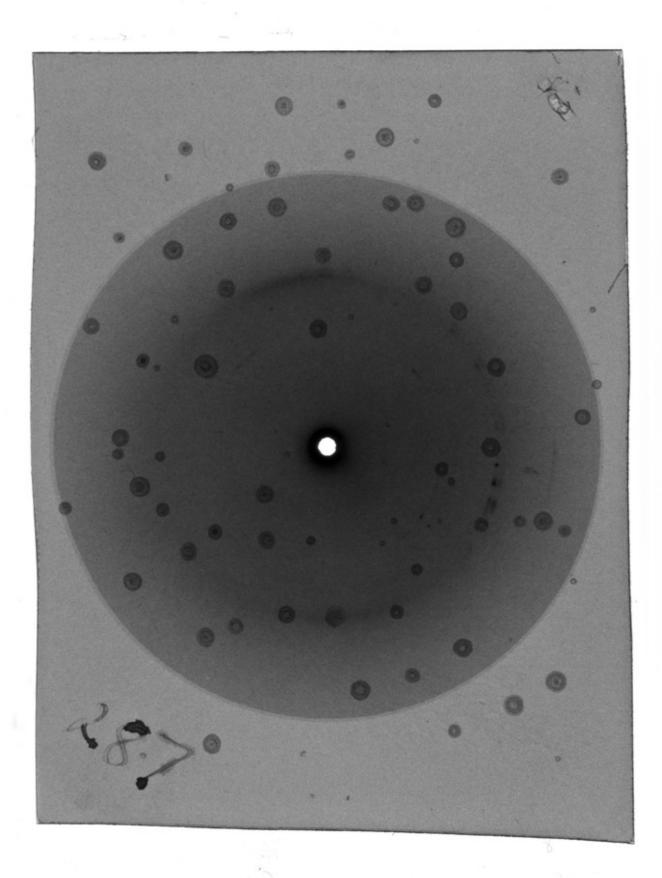




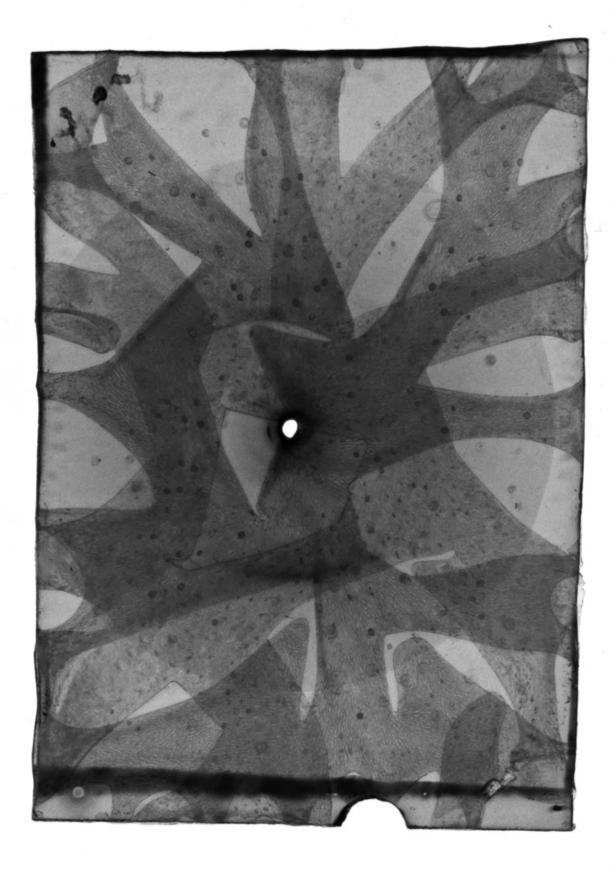
286 287 288 CS

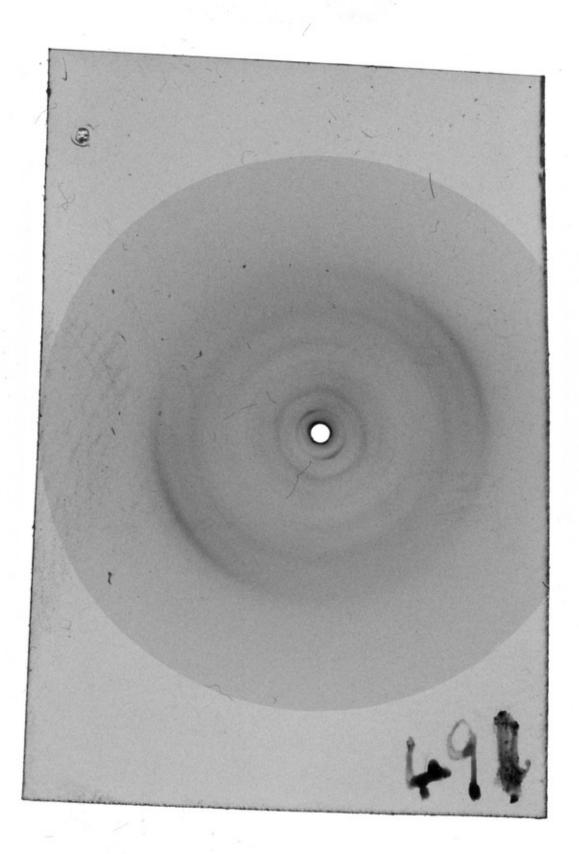


286 287 288 CS

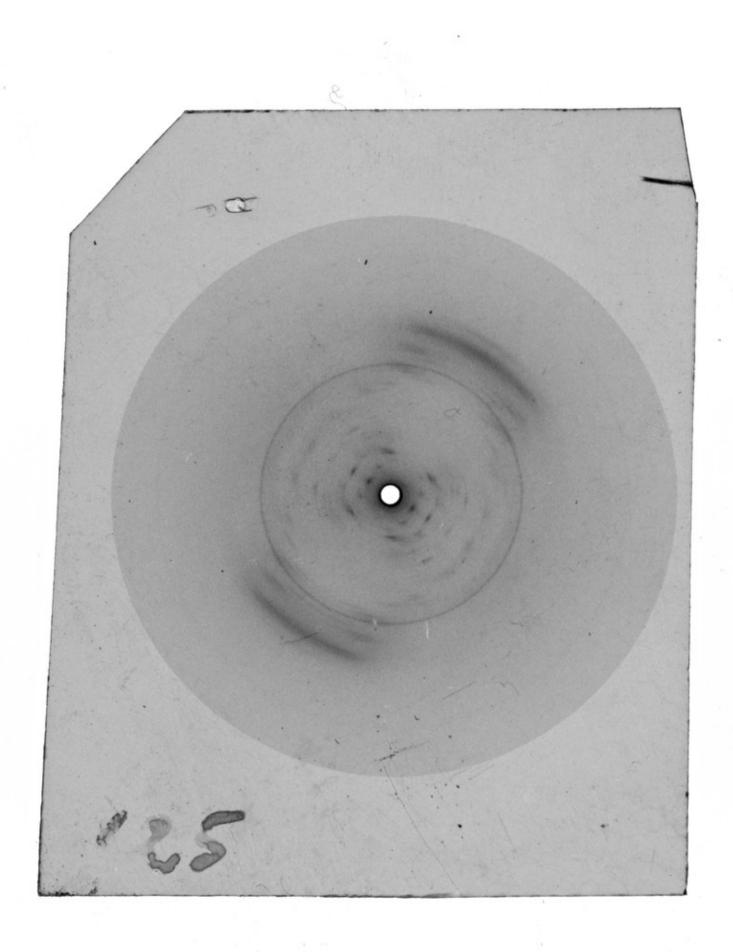


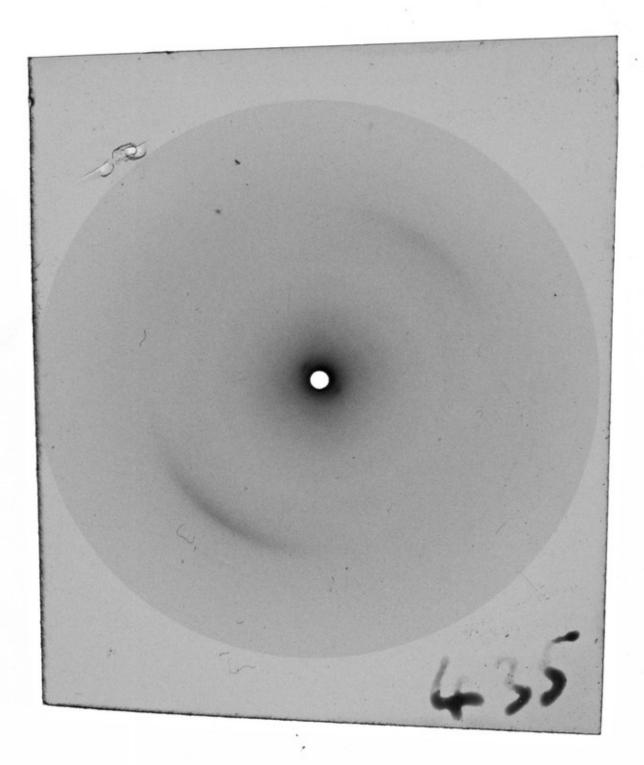
286 287 288 CS

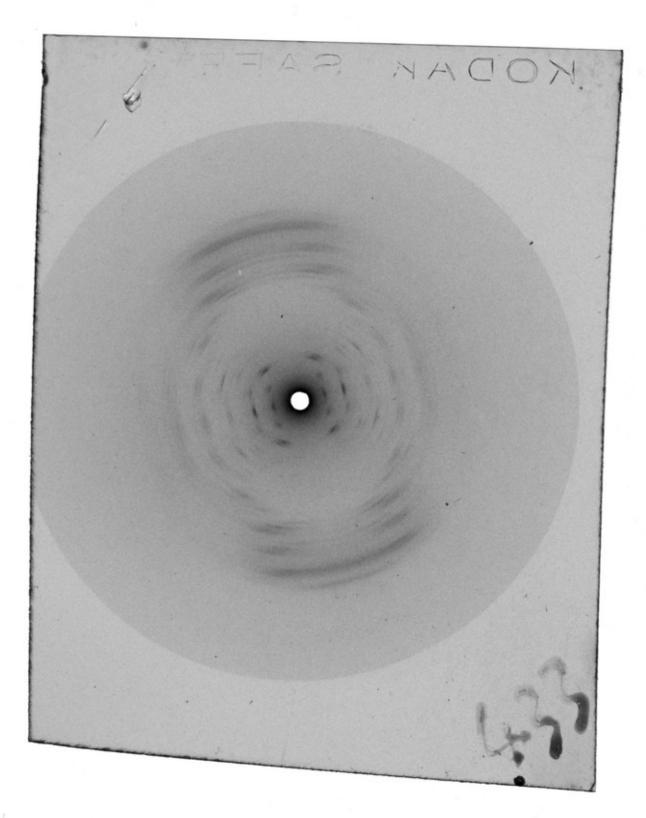




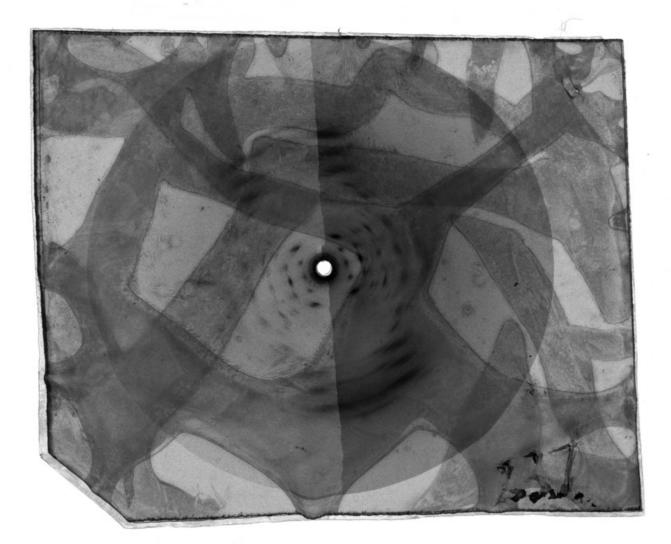
125 EB # 1 p 68 [65] Third

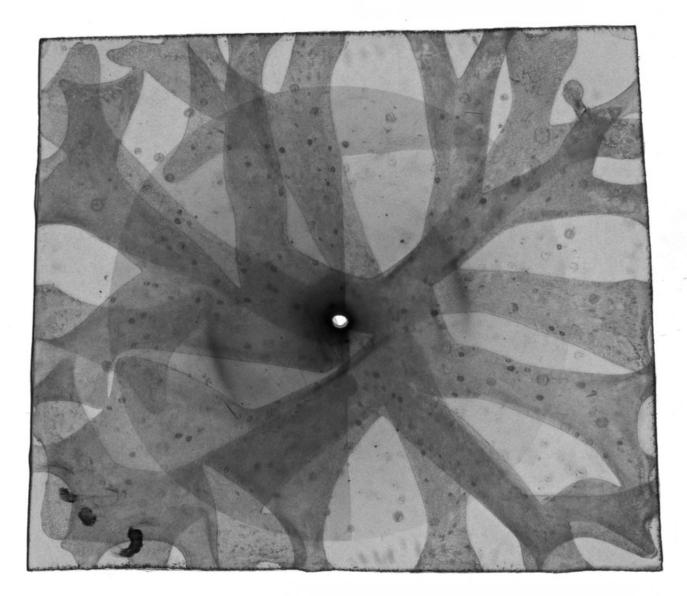


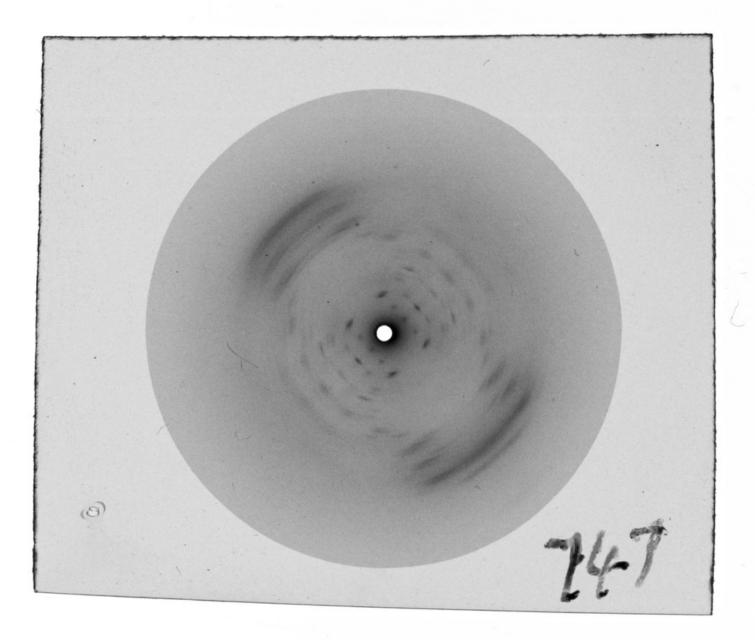


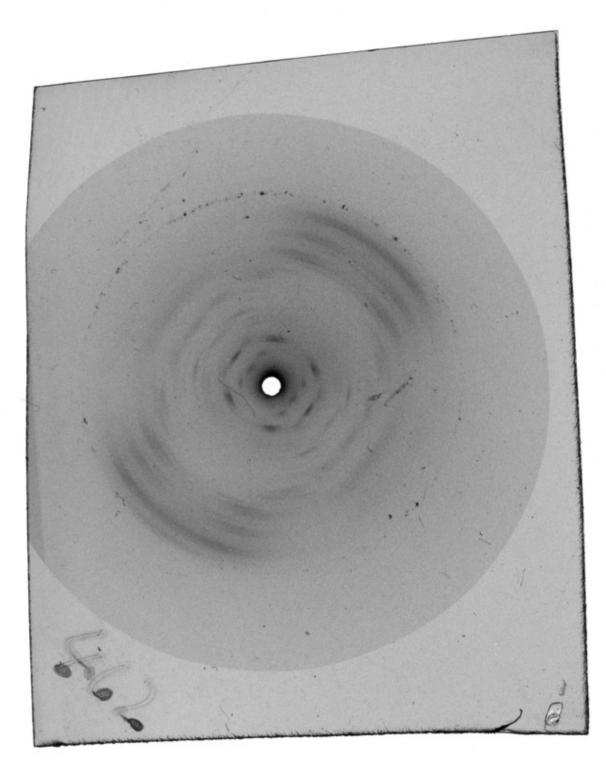


433 E.G. V - 349

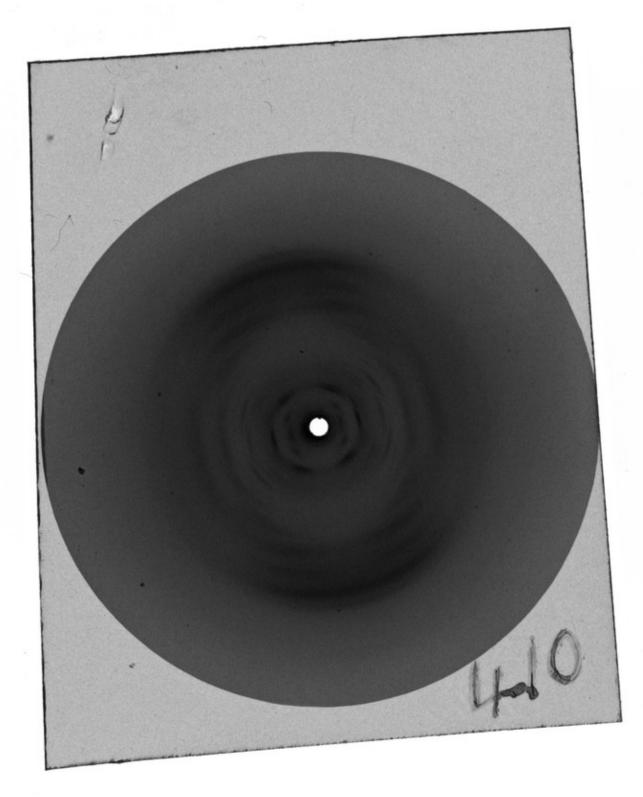




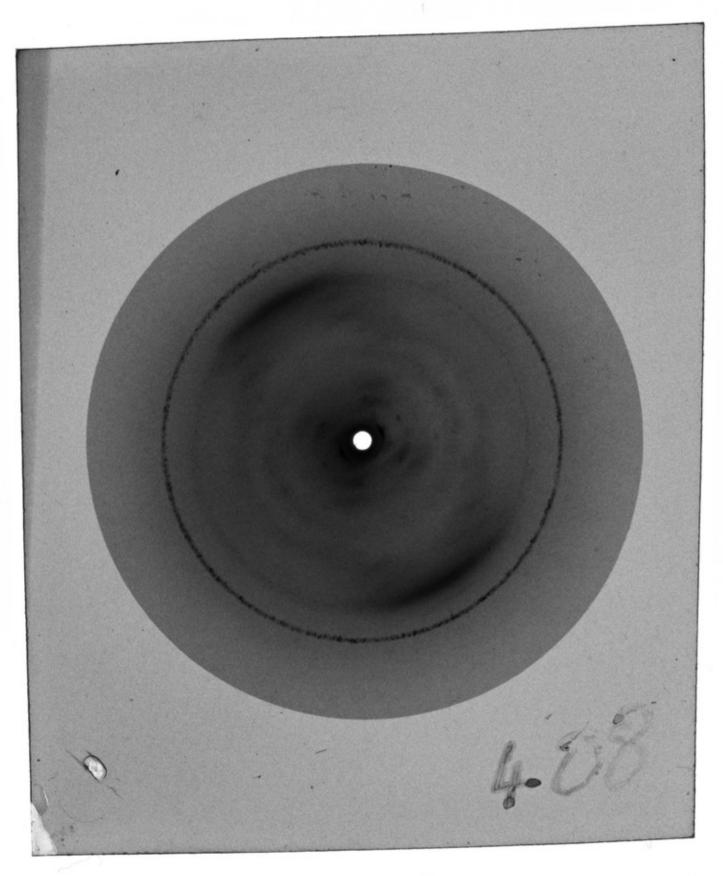




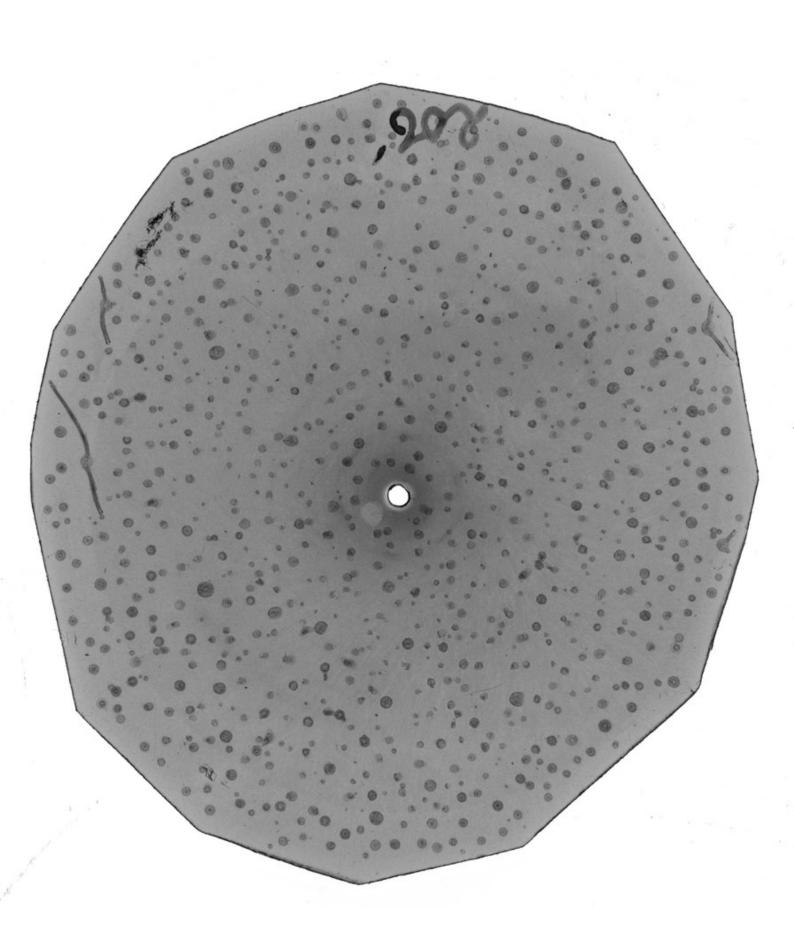
[No.] 462 xRs p53 Na [Sodium] DNA 5/3/55

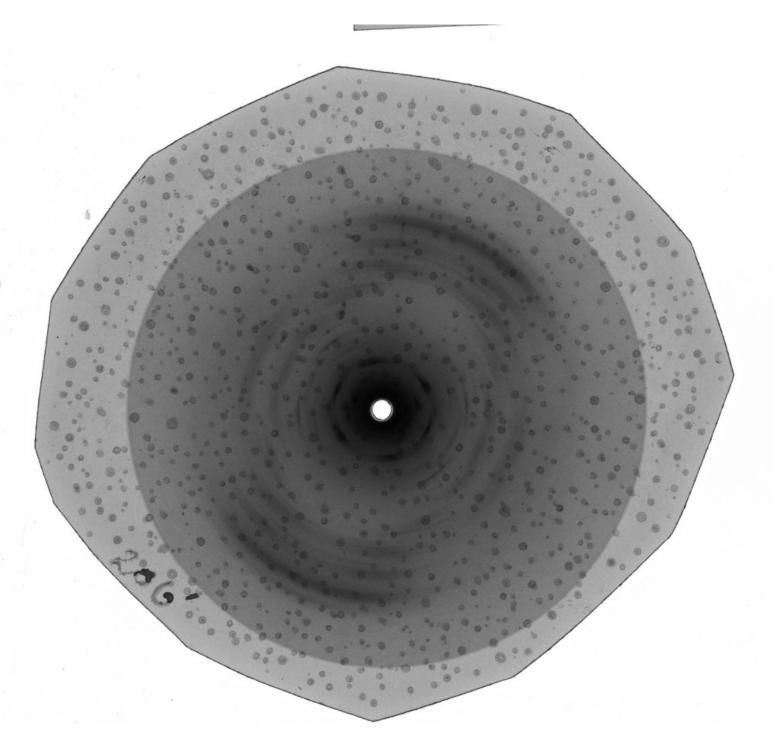


IV MAP 3/2/55

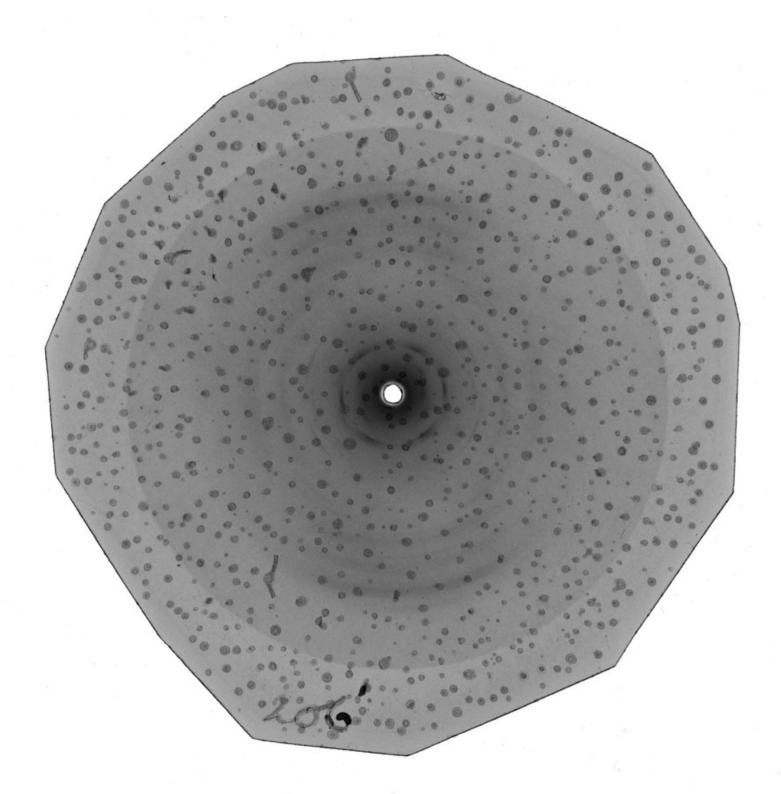


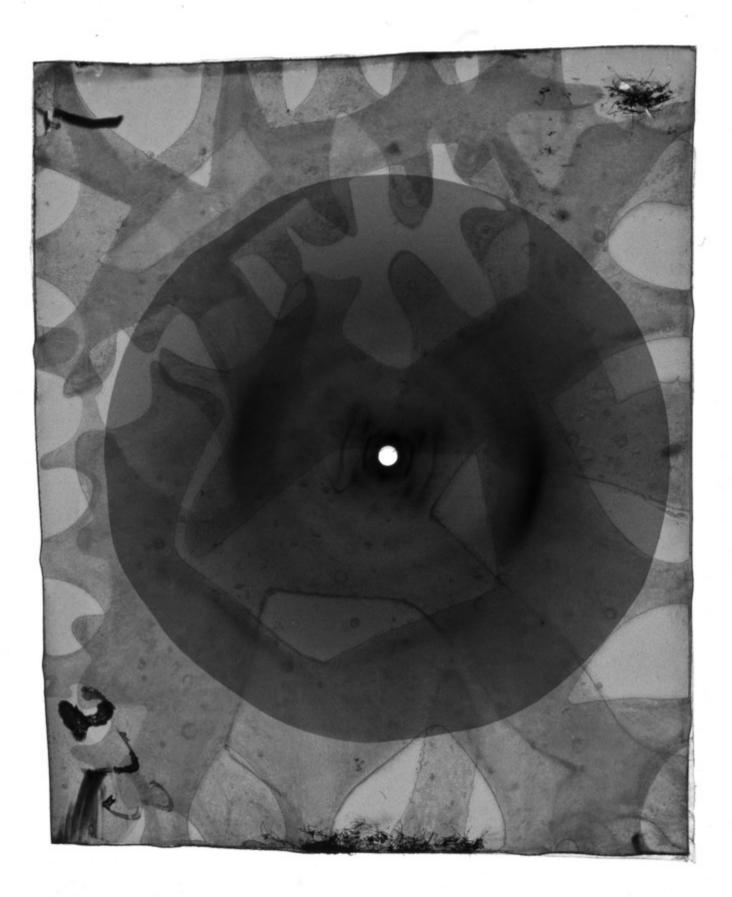
VI EB p104 3/25/55 408

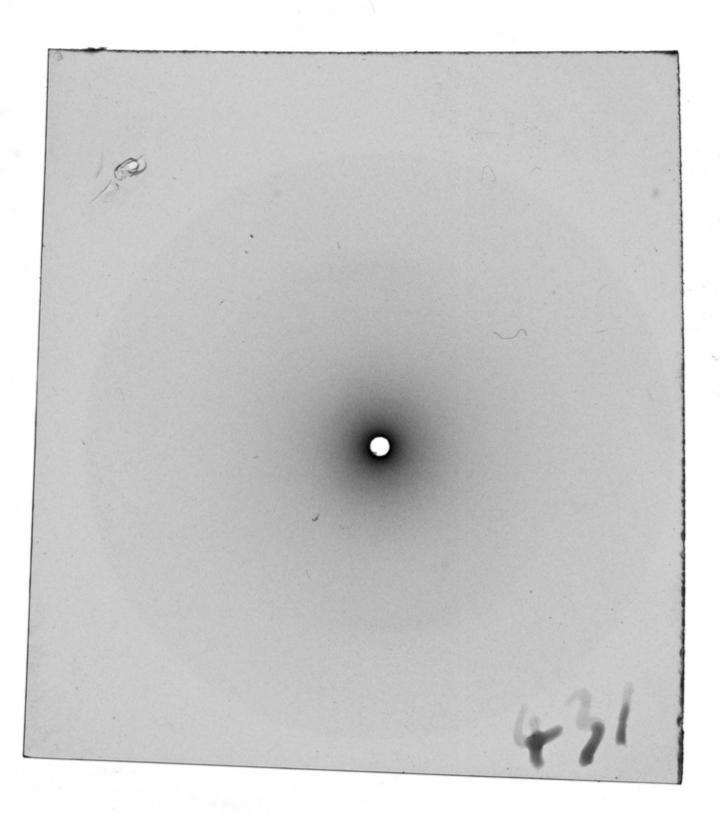




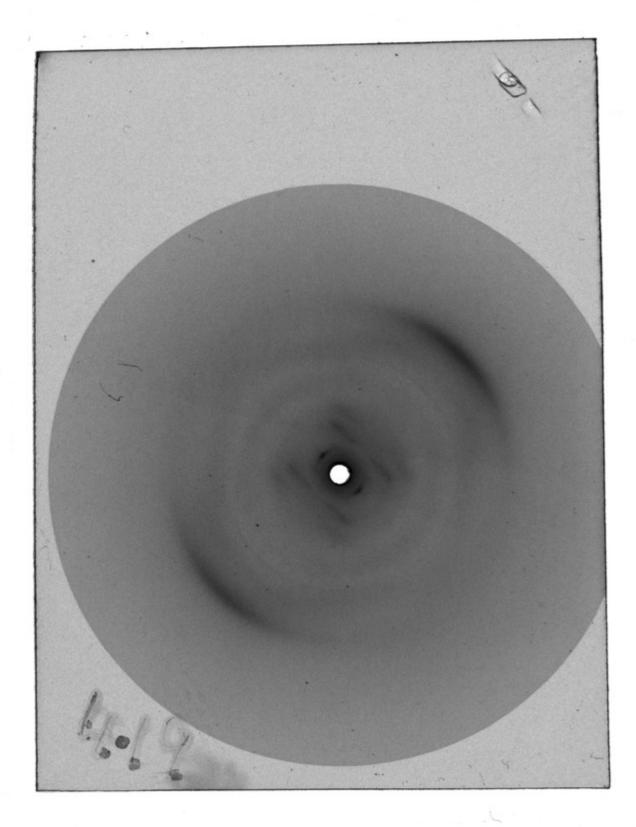
206 1



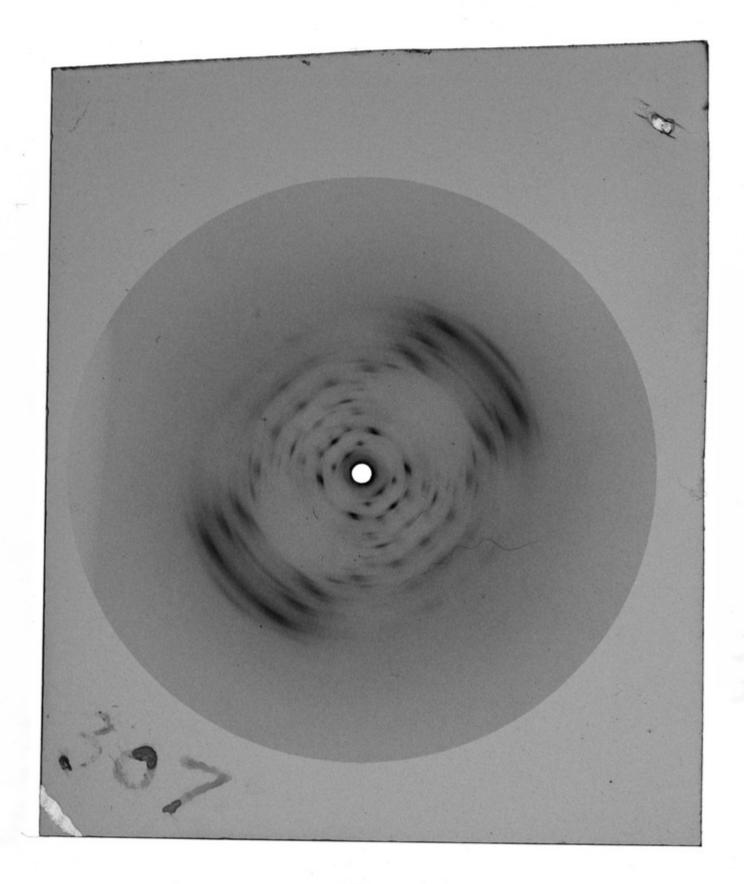


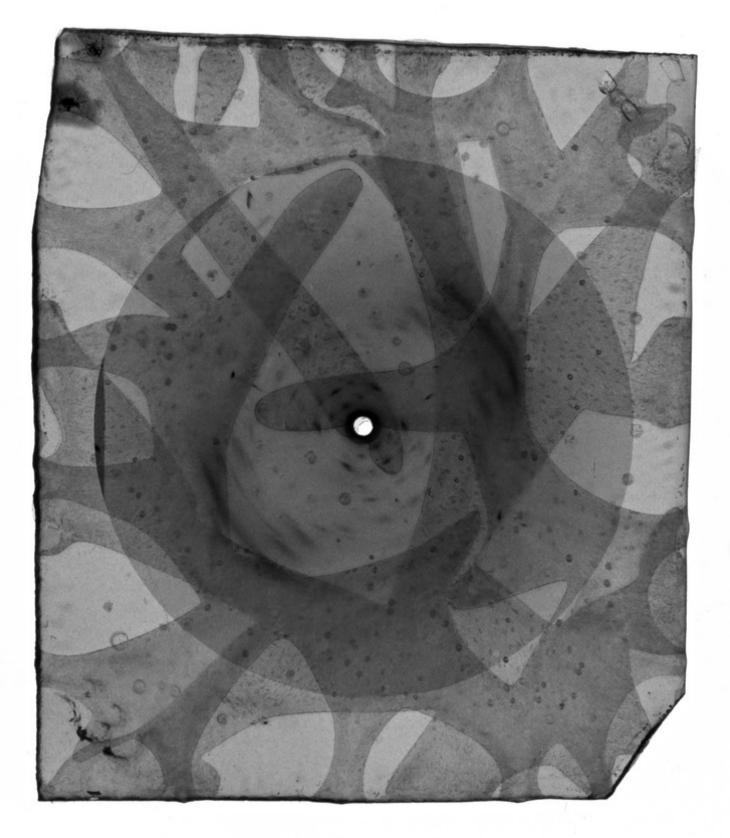


431 x-Rs 14 DNA 1 4/29/55

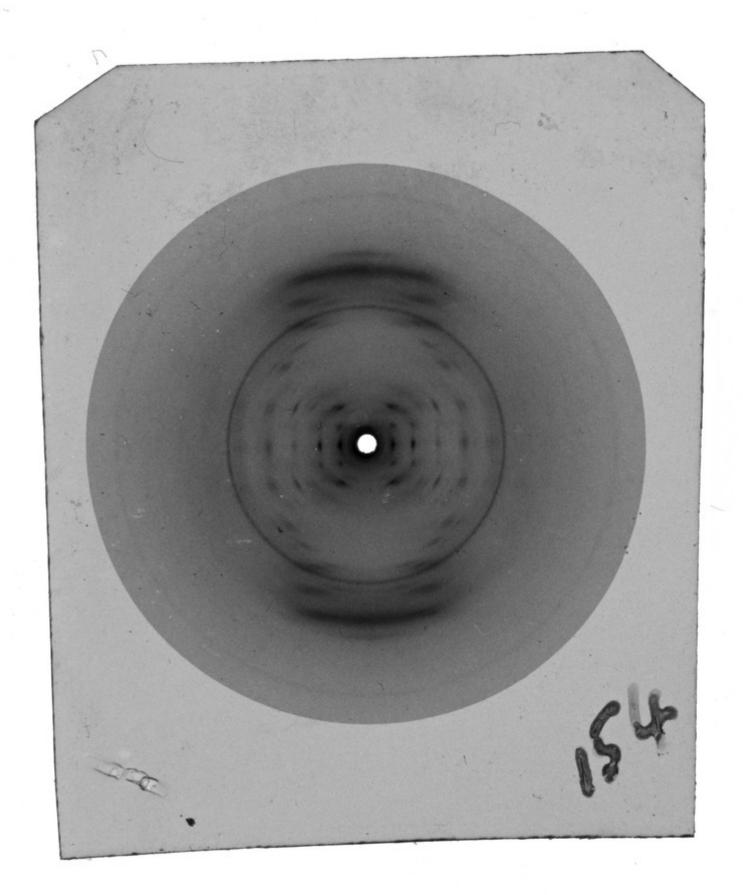


419 VI EB 113 A LiDNA [Lithium salt of DNA] 4/8/55

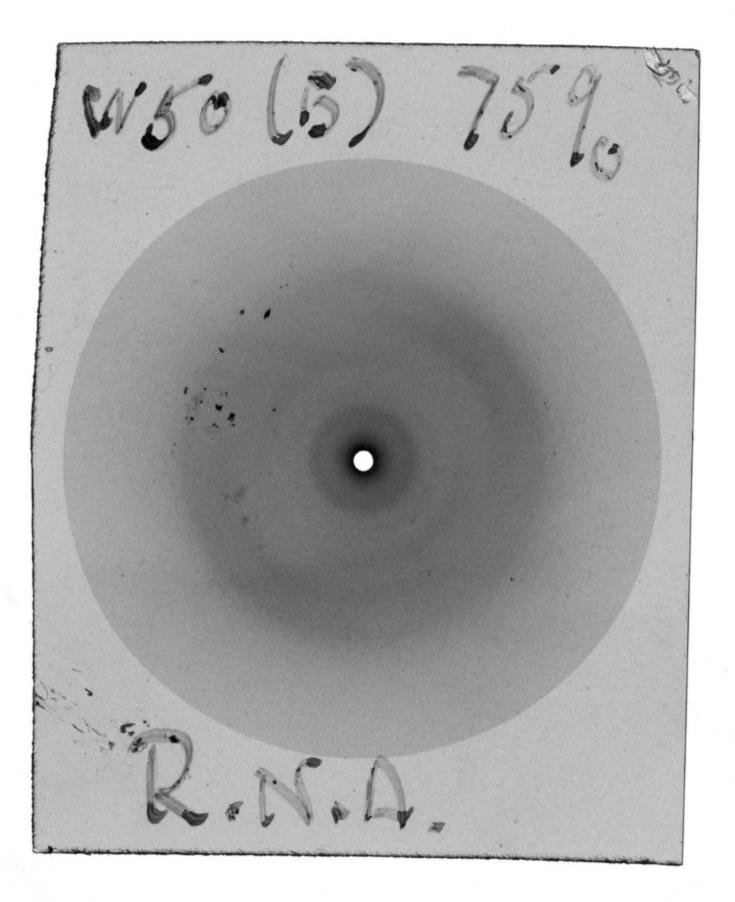


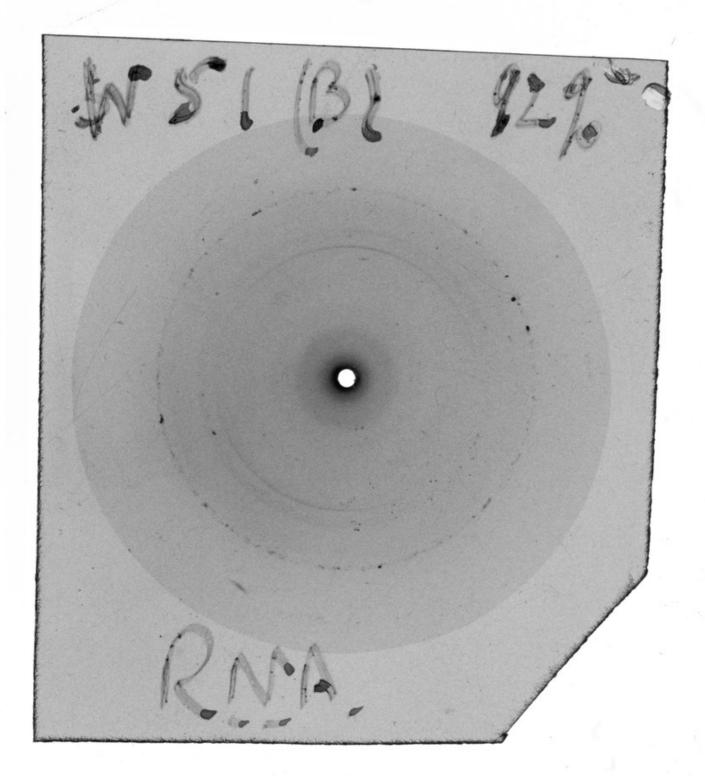


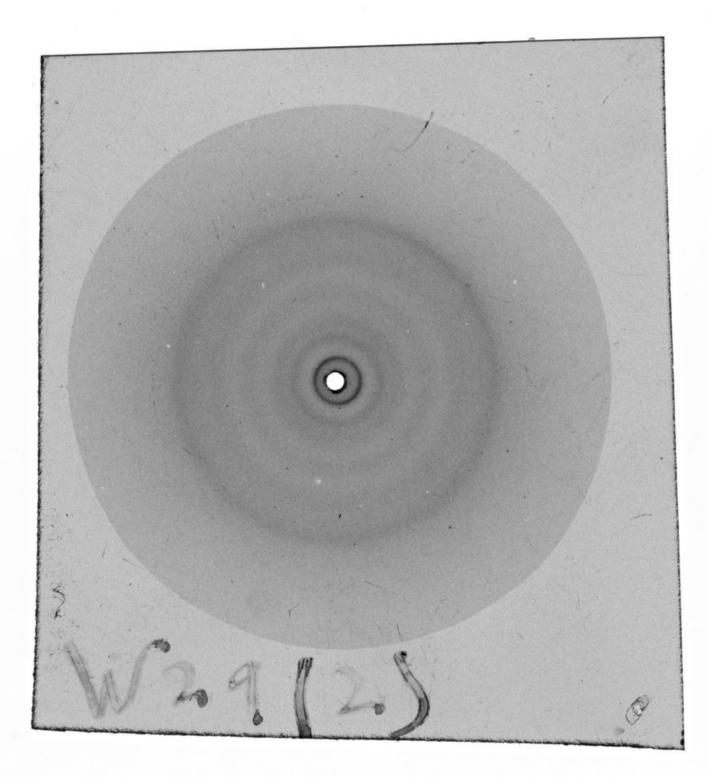


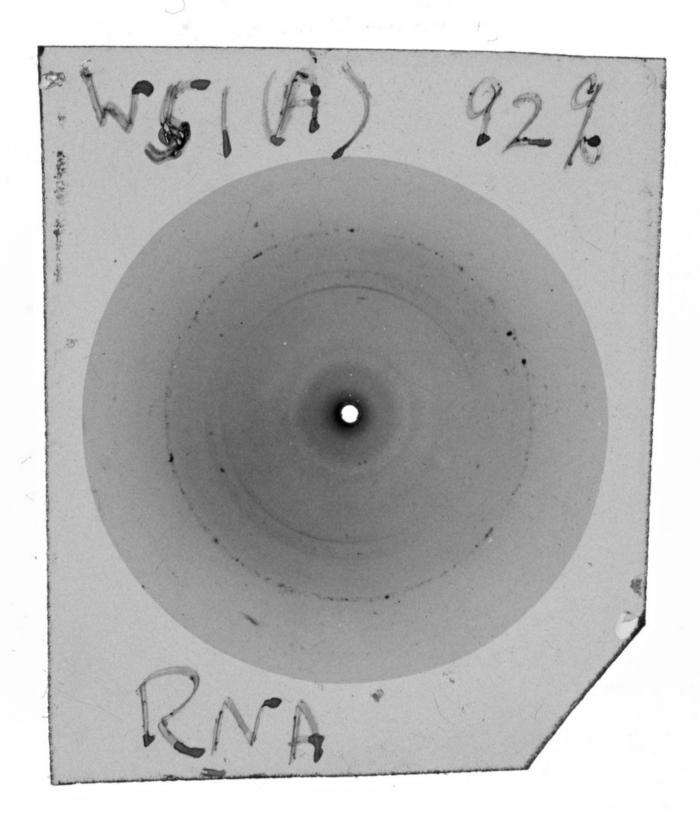


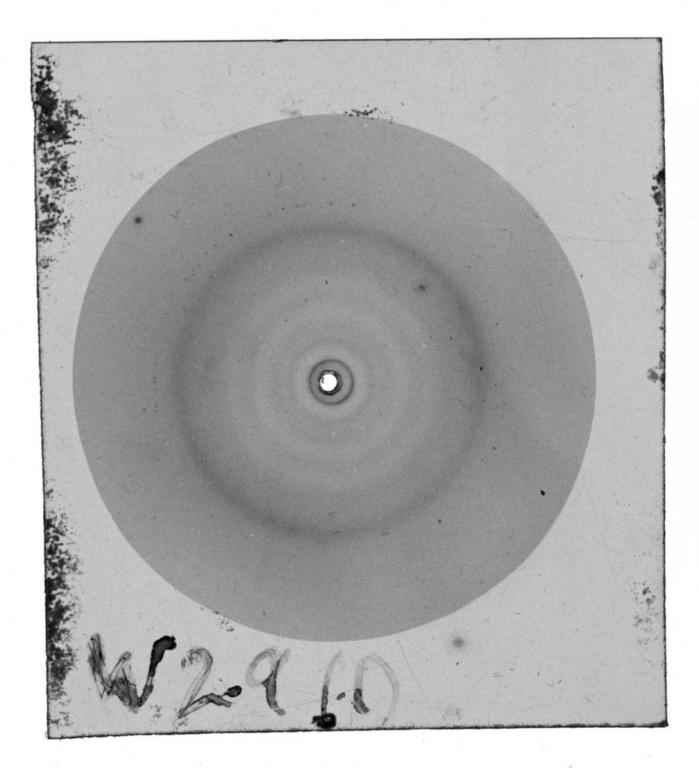


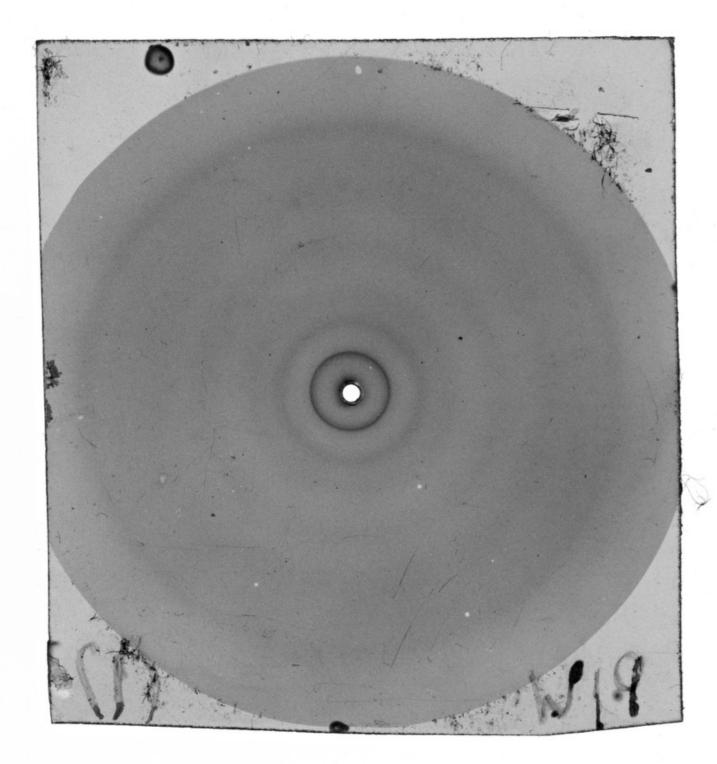




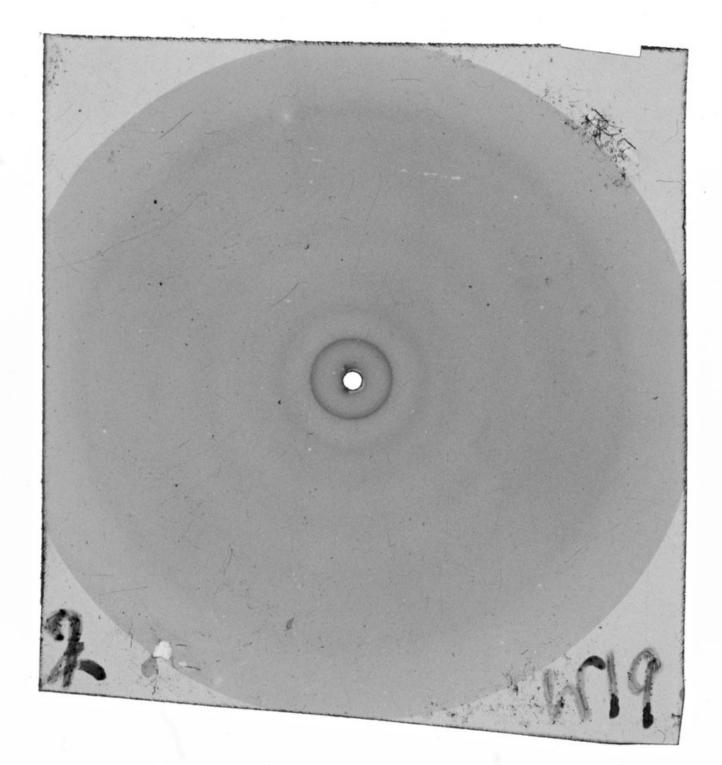








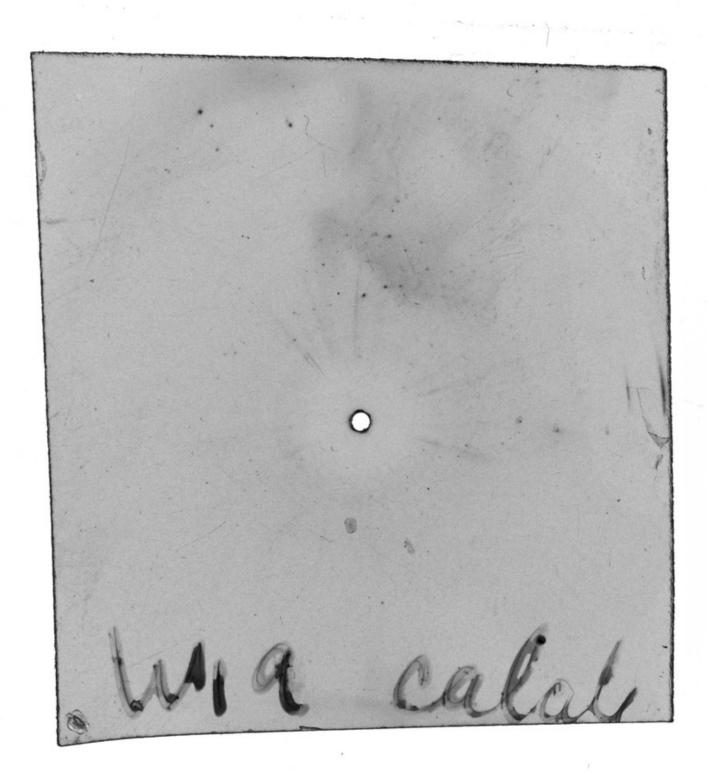
W19 [Norman] Simmon's 22 Lump Long S/F dist 92% R.H. [relative humidity]



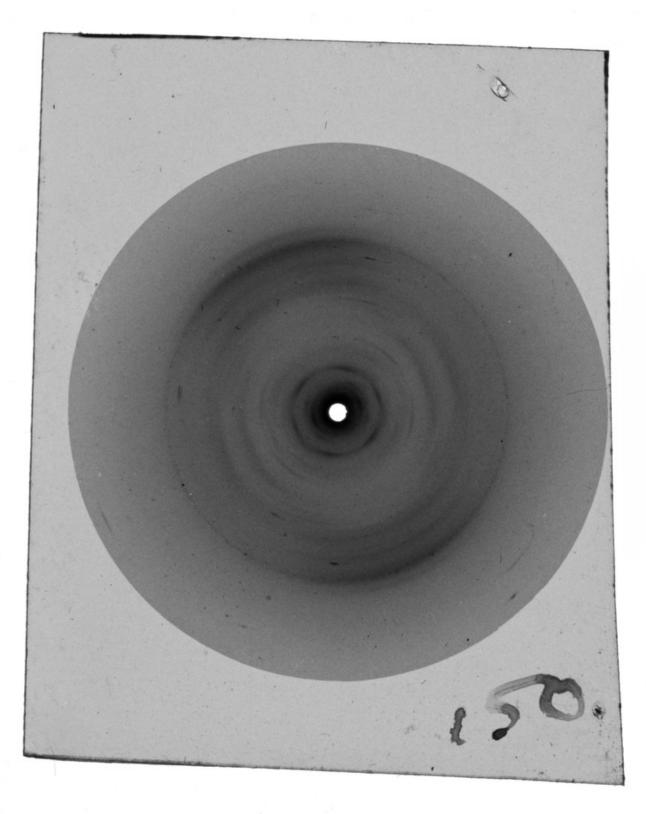
W19 [Norman] Simmon's 22 Lump Long S/F dist 92% R.H. [relative humidity]



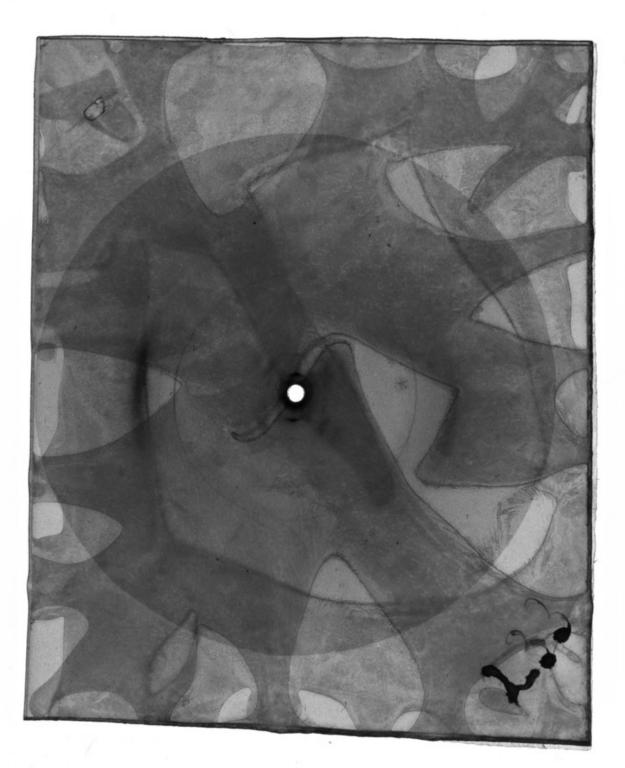
W19 [Norman] Simmon's 22 Lump Long S/F dist 92% R.H. [relative humidity]

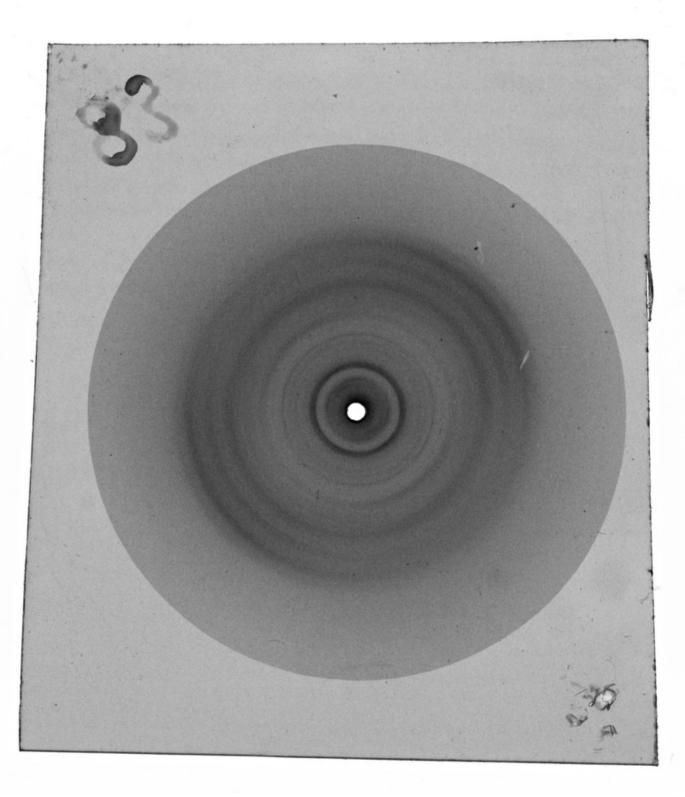


W19 [Norman] Simmon's 22 Lump Long S/F dist 92% R.H. [relative humidity]

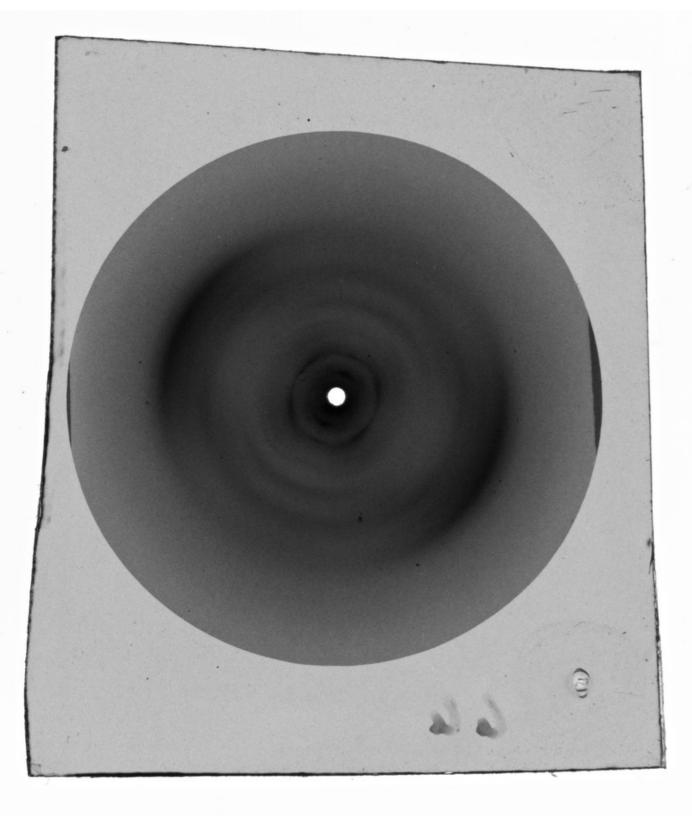


No. 150 Kuritz T.N.A.

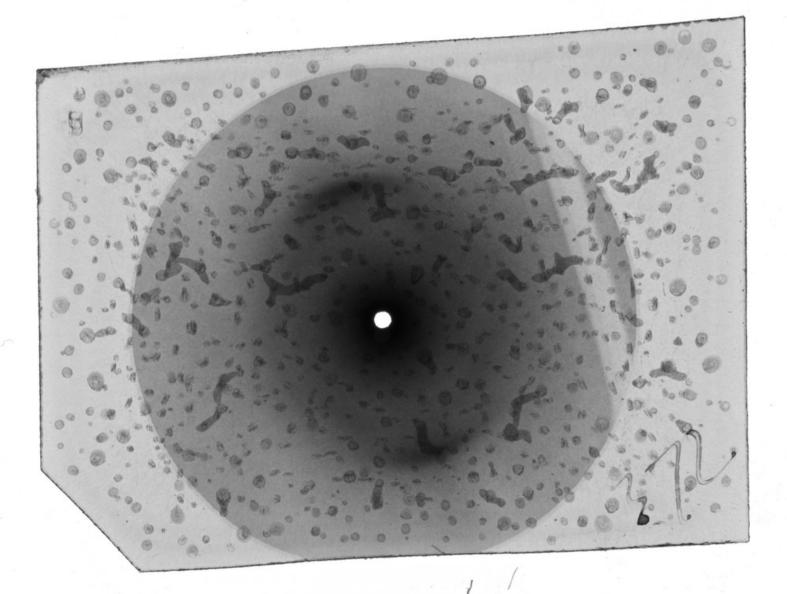




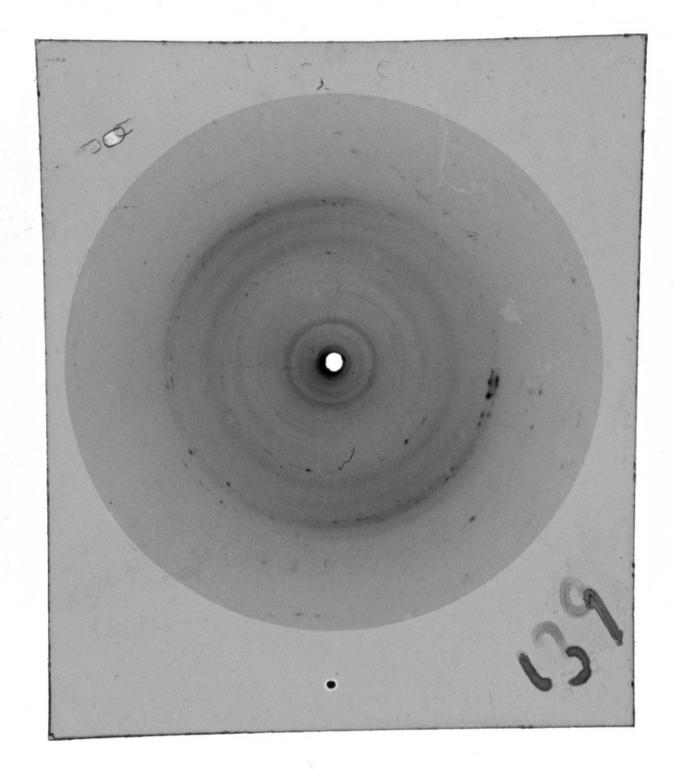
No. 83 [Rudolf] Signer 1. Straight from bottle.



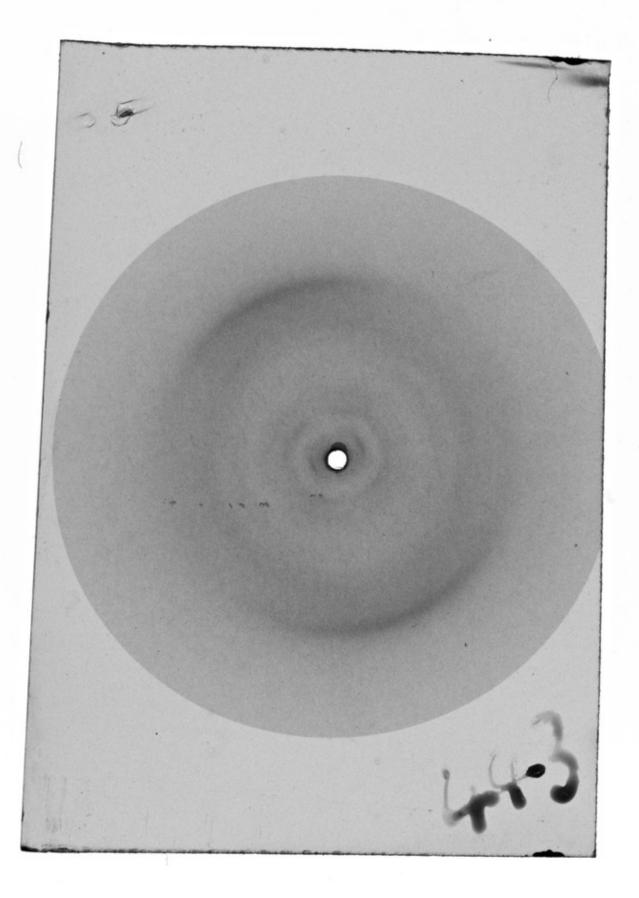
No. 66 [Rudolf]Signer Na [Sodium] Thymonucleate



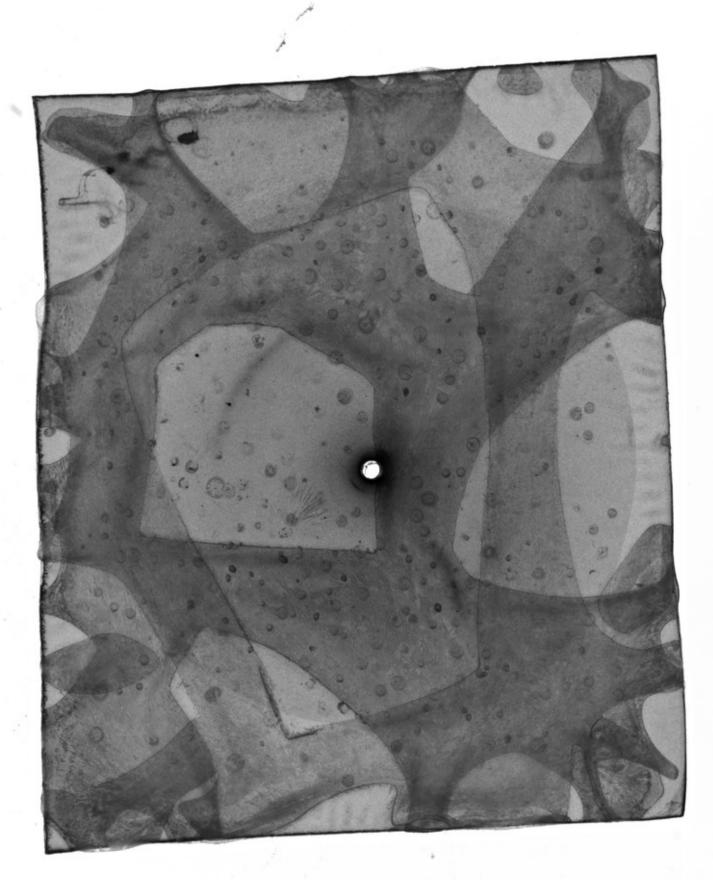
372 Mary's [Fraser] sheet DNA 40% R.H. [relative humidity]



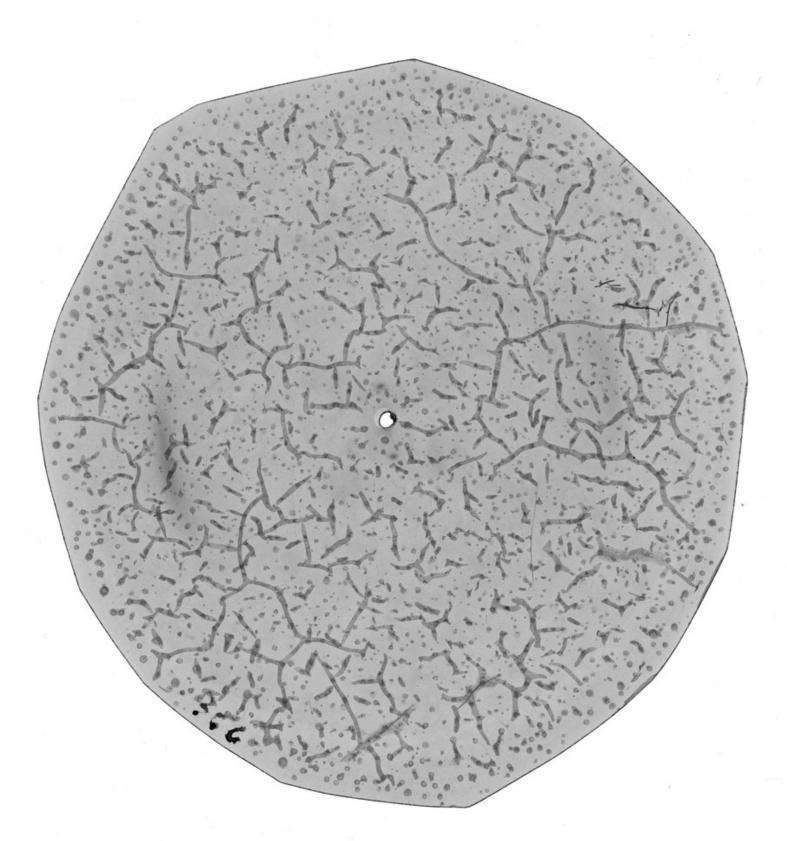
Kuritz DNA sheet 60% (?) [relative humidity] [relative humidity]



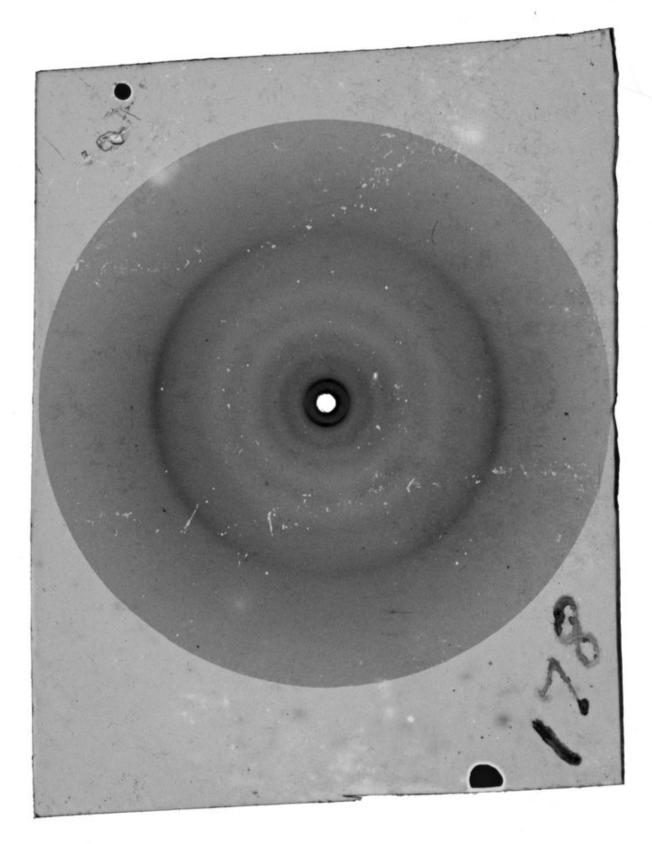
443 x-RS p34 K DNA [Potassium salt of DNA] B 5/12/55



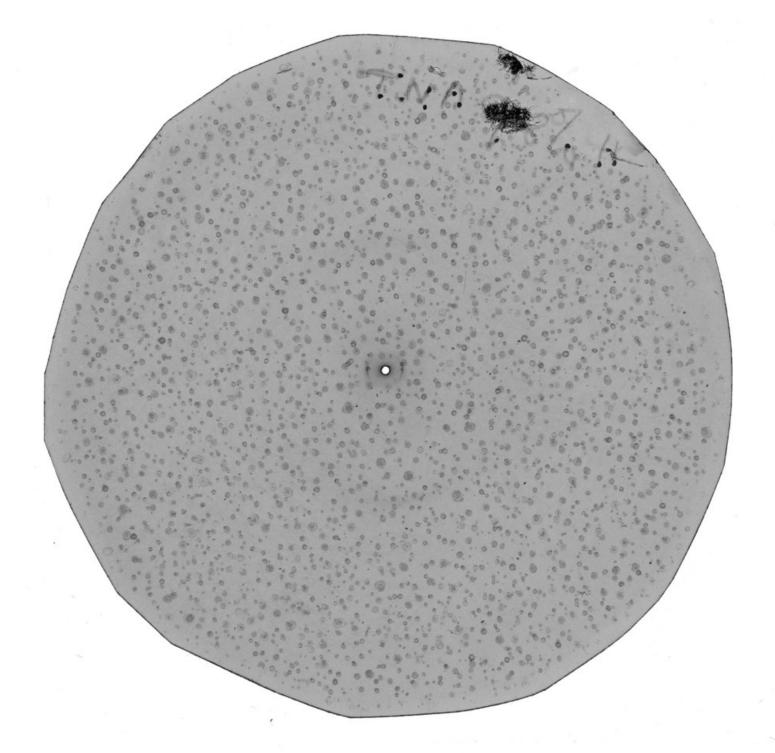
240 SEB 288 (VI)



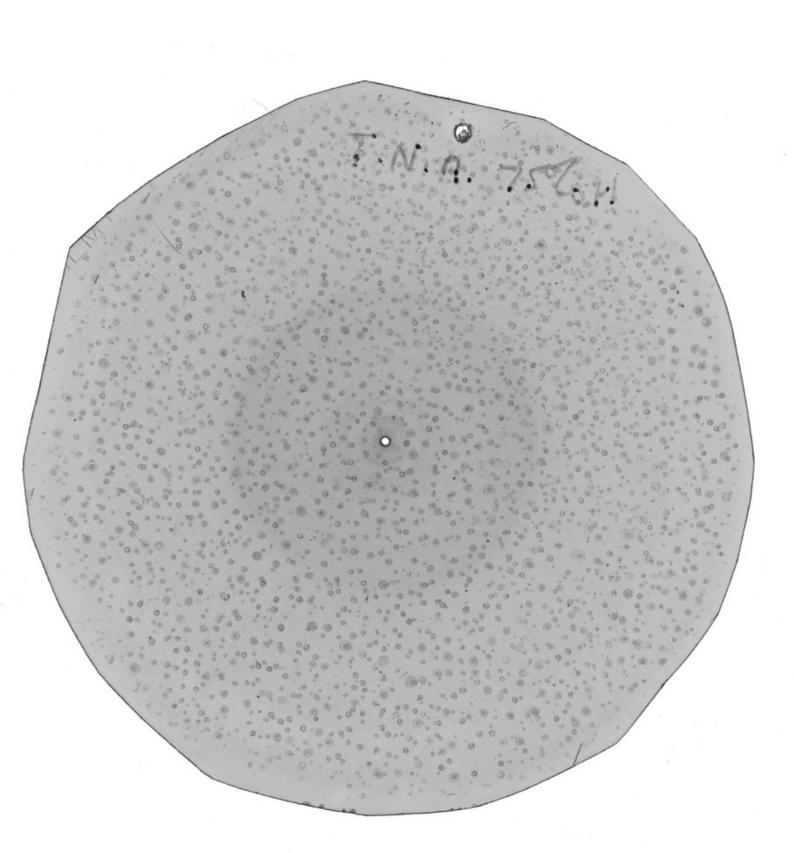
178 [Rudolf] Signer DNA Latrate [tartrate] eqbted



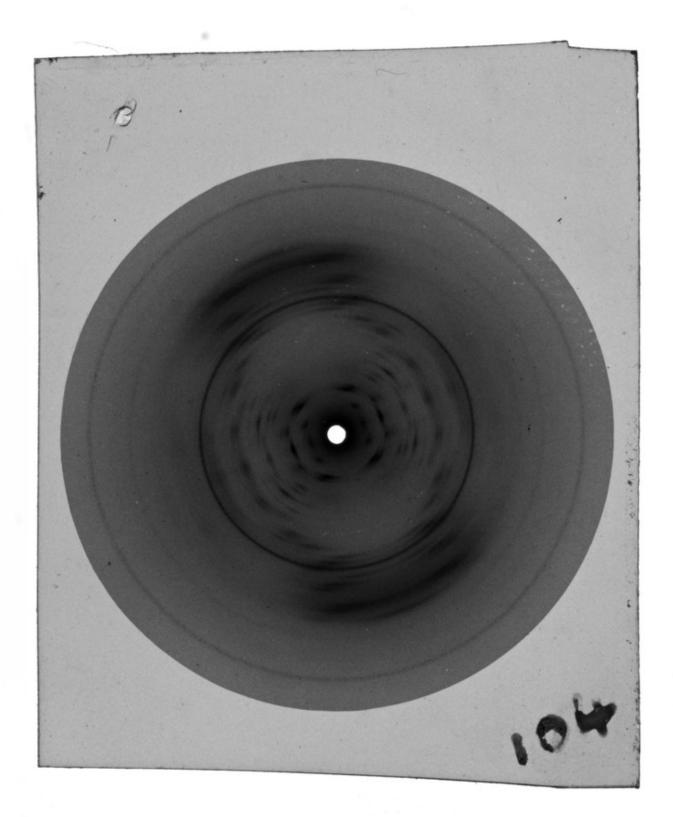
178 [Rudolf] Signer DNA Latrate [tartrate] eqbted



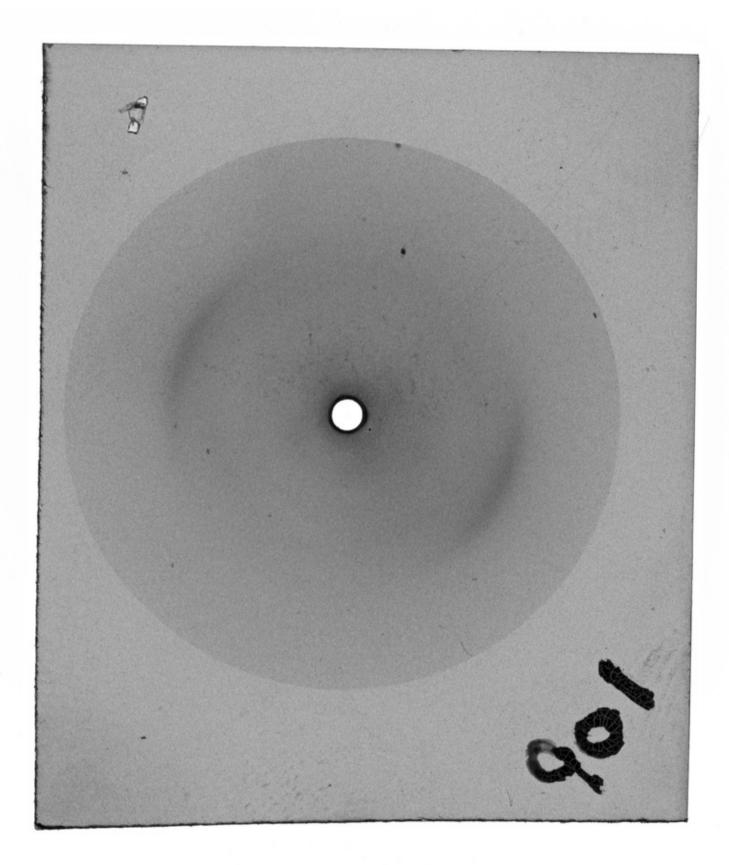
TNA 98% [relative humidity]



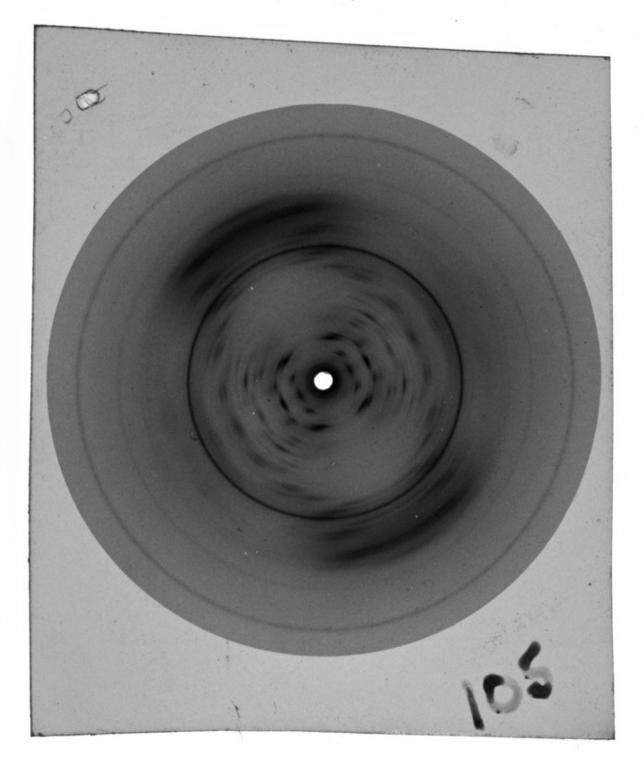
TNA 75% [relative humidity] Powder [diffraction] photo 15hrs



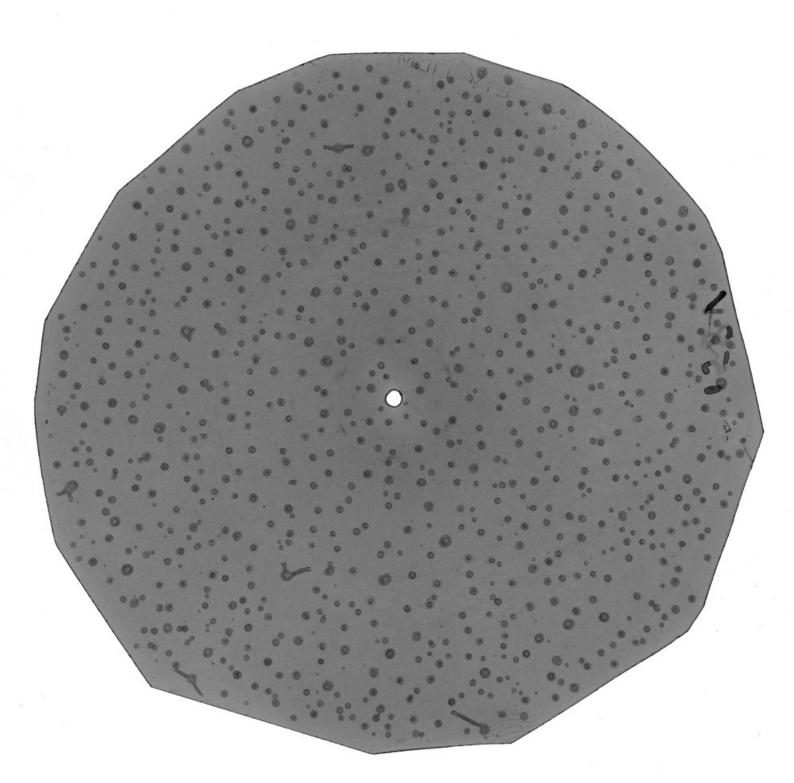
DNA-X RB 3-71



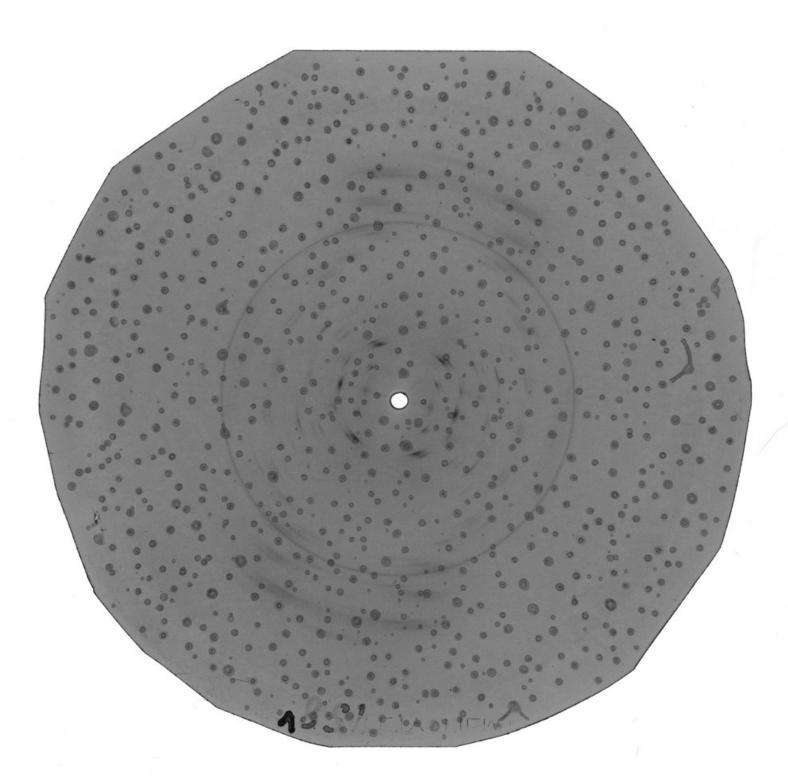
901 Mg DNA [Magnesium salt of DNA]



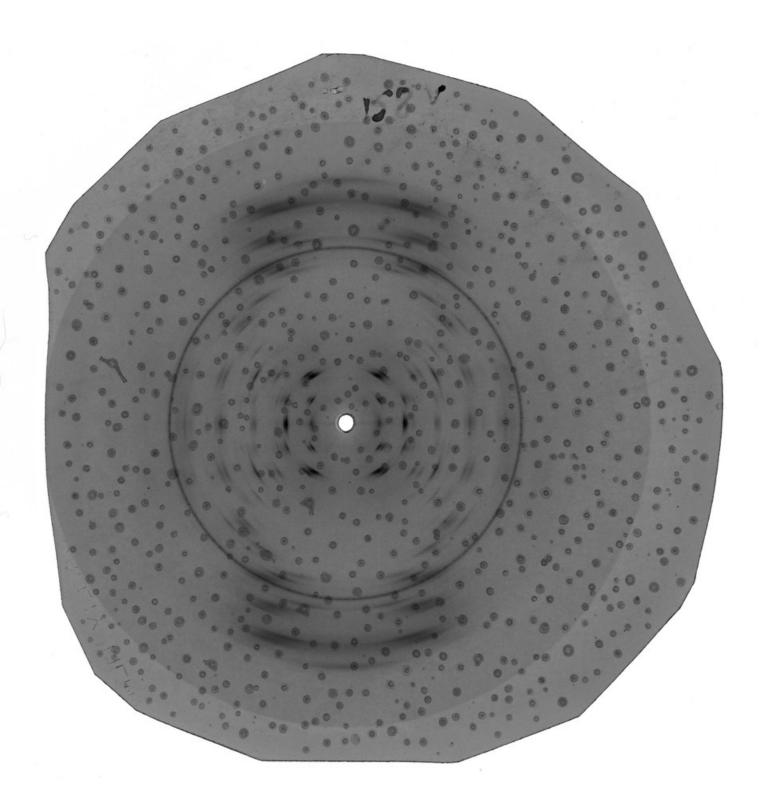
No. 105 DNA M.A.P. III p15



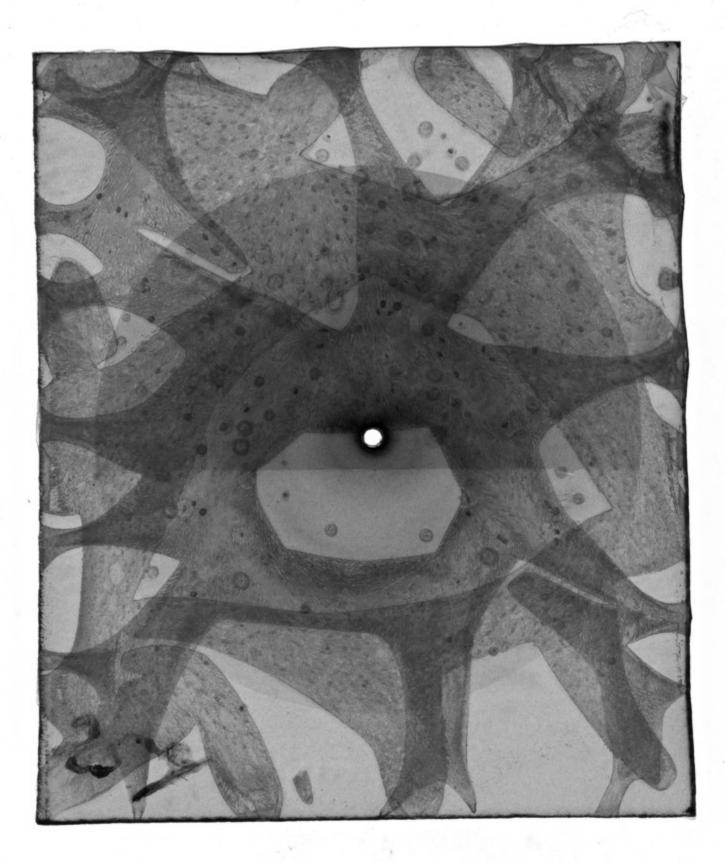
158 v vert cameras

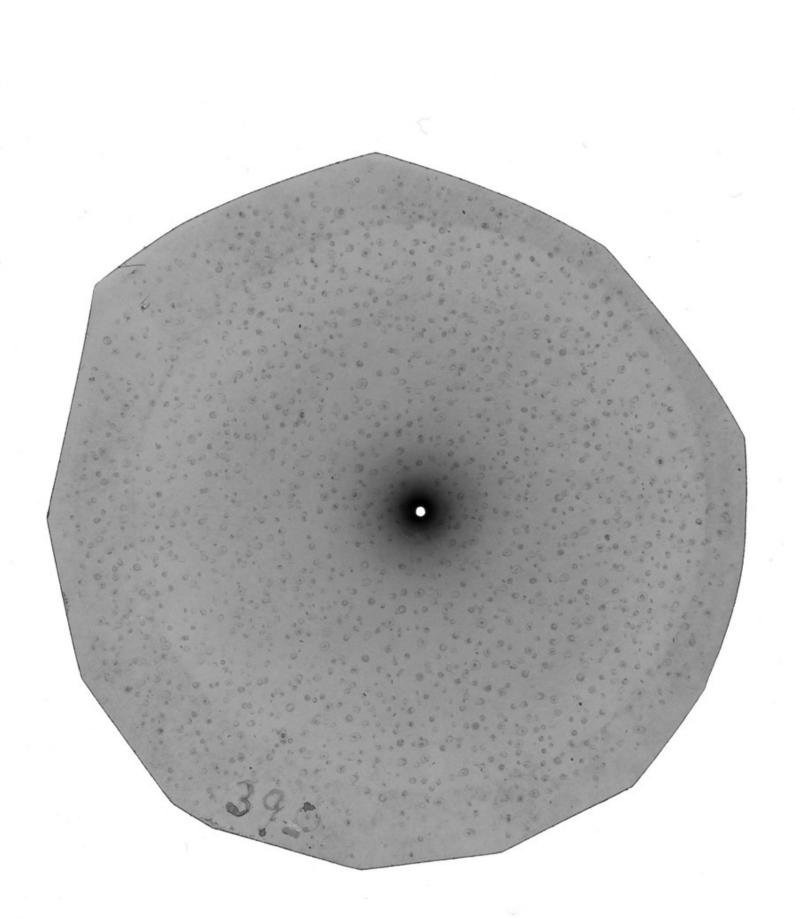


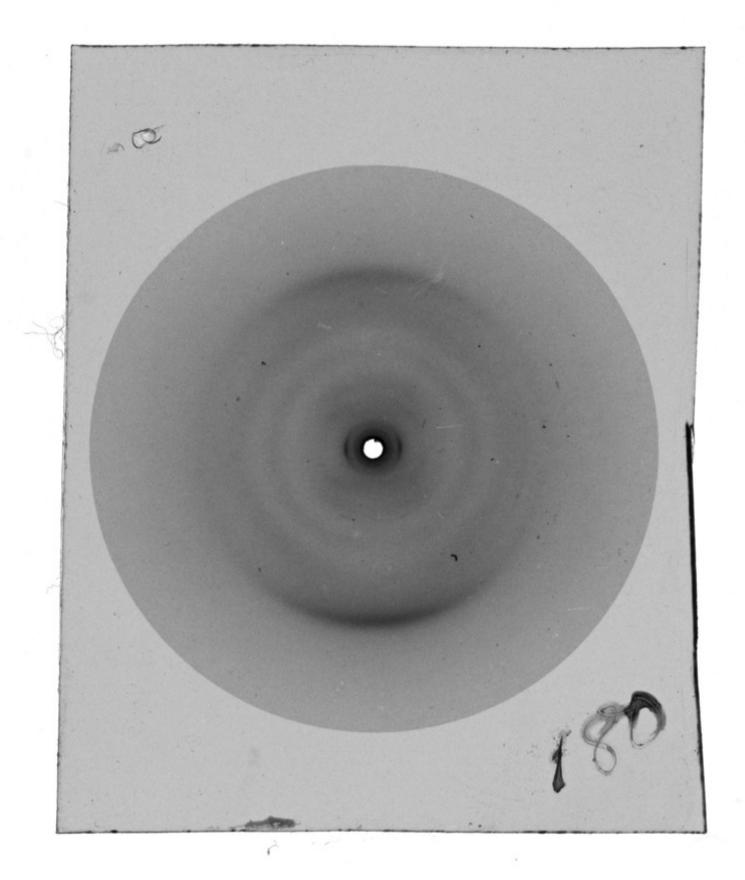
158 v vert cameras

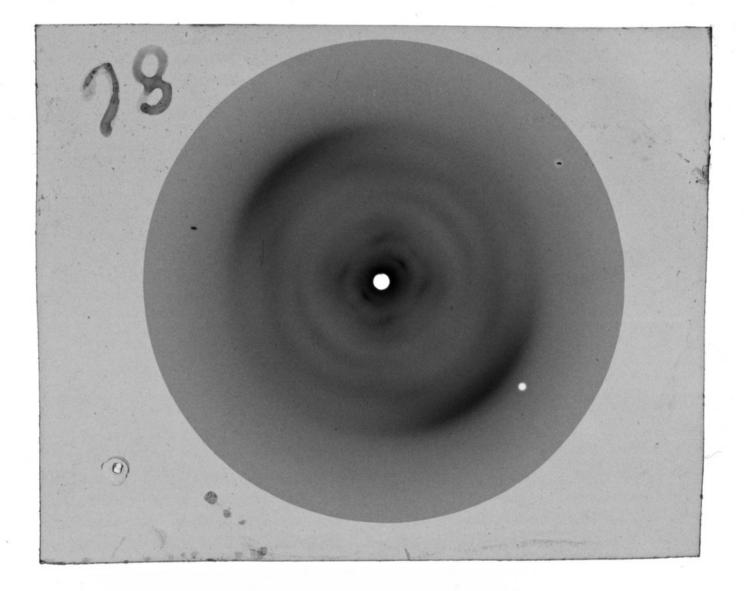


158 v vert cameras

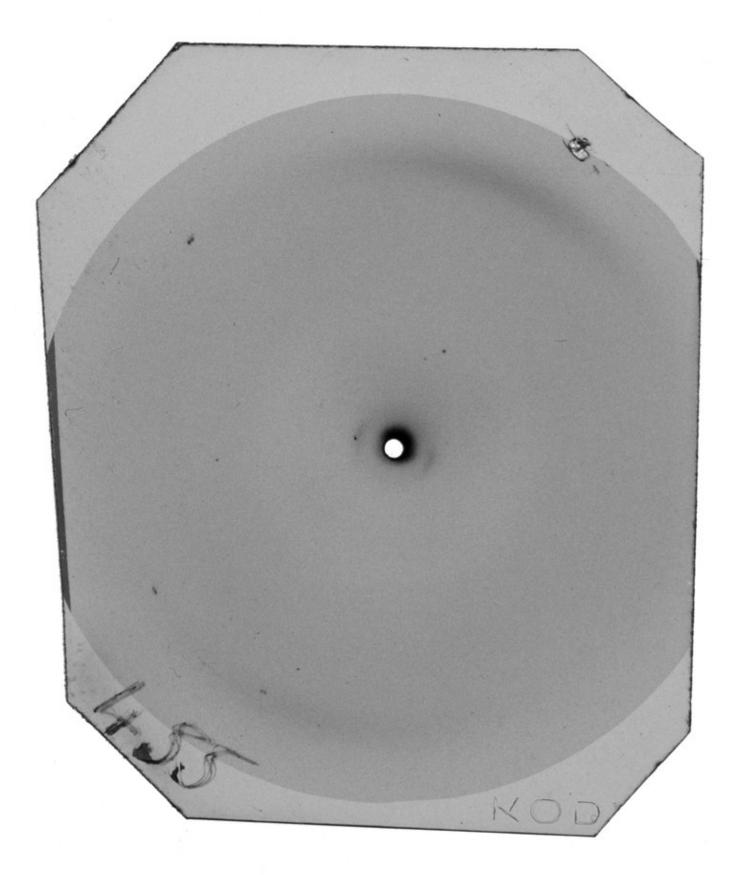




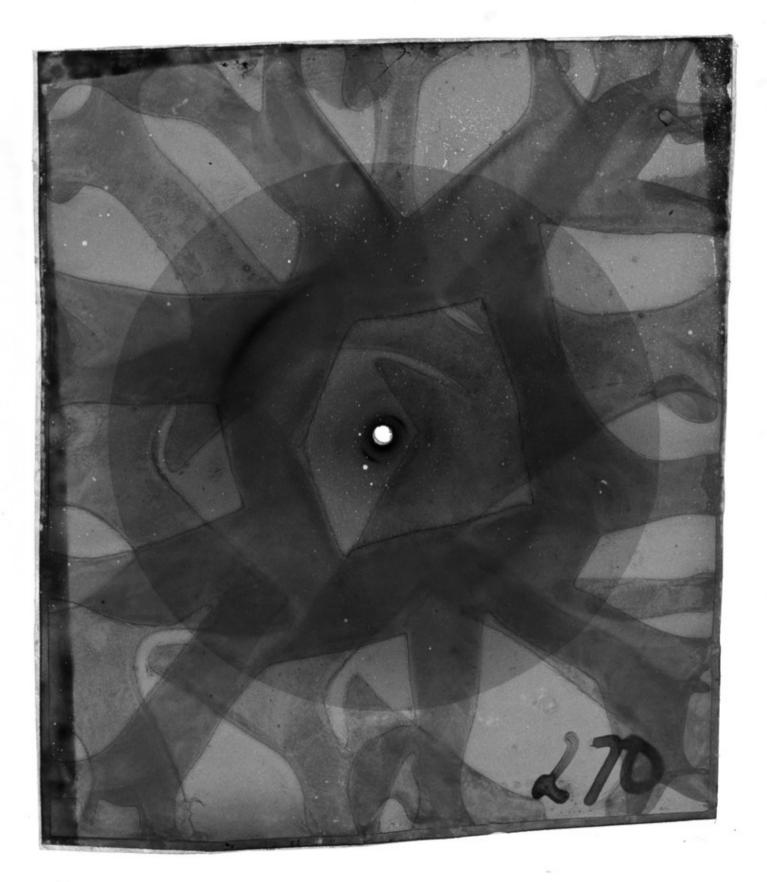




16 VI H Siliwarder fibre pulled No.86

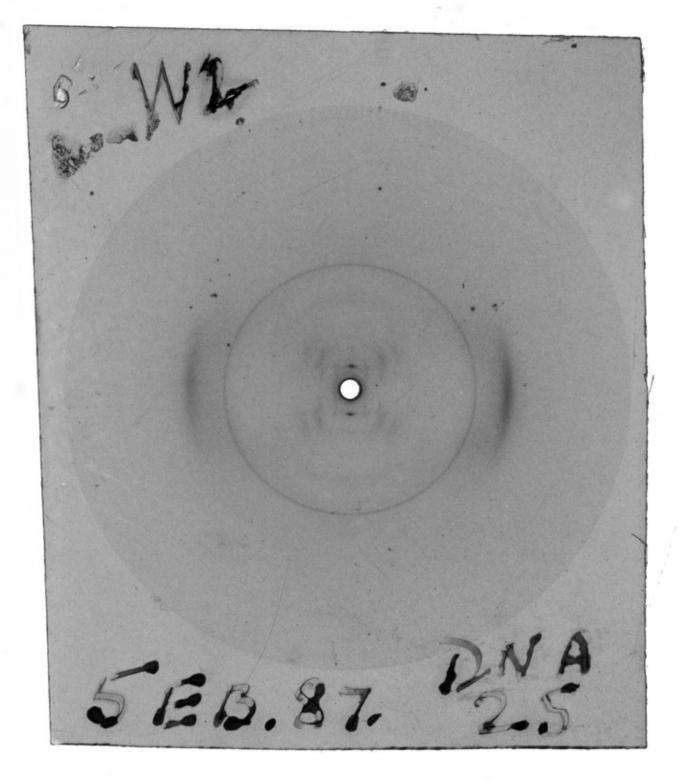


[Rudolf] Signer DNA fibres pulled in [19]51 [no.]455

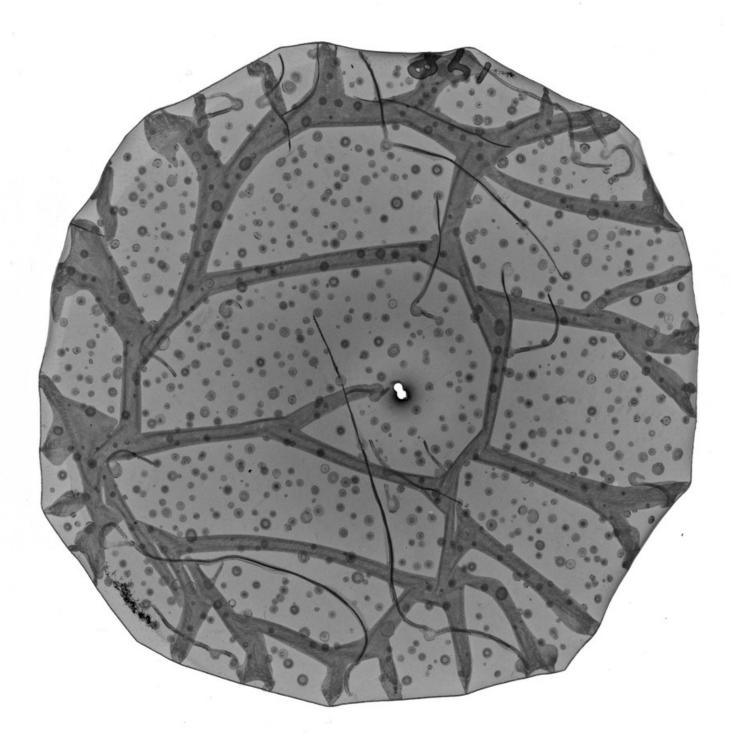


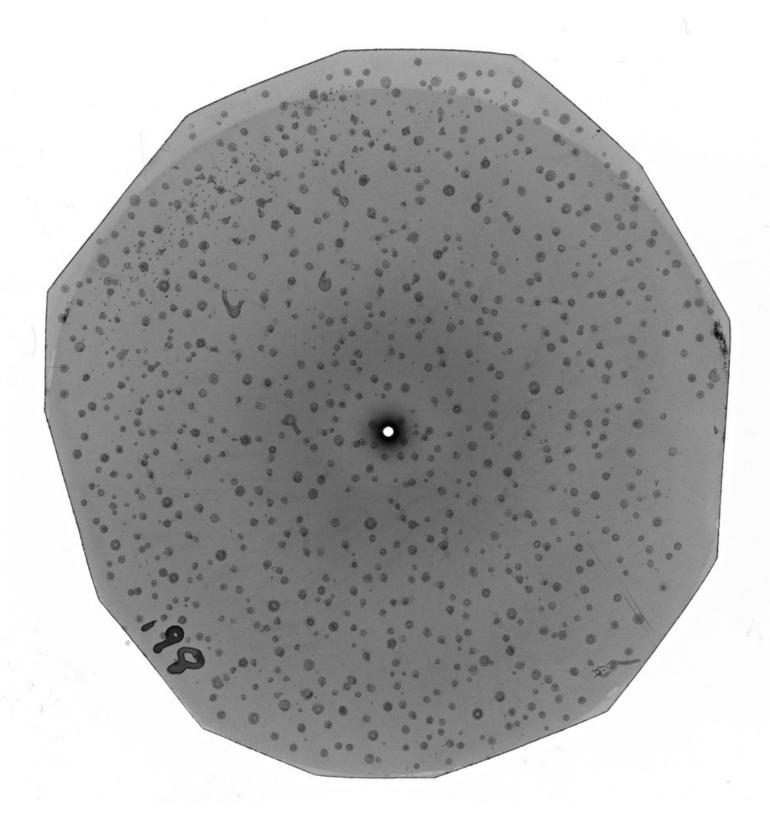
No 270 SEB 288 5/11/54 (2) at 89% RH [relative humidity]

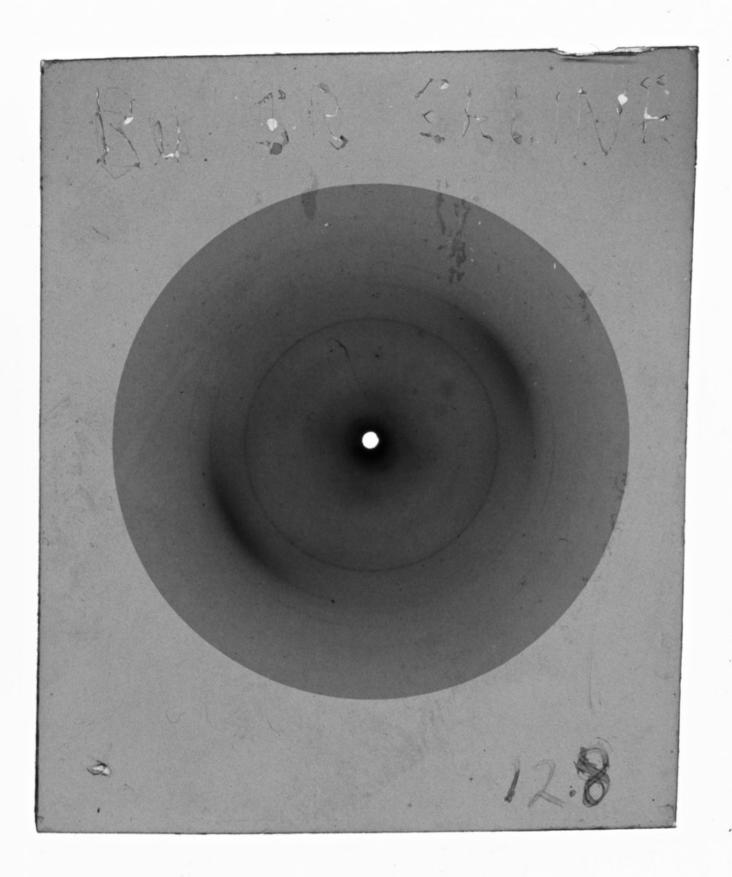




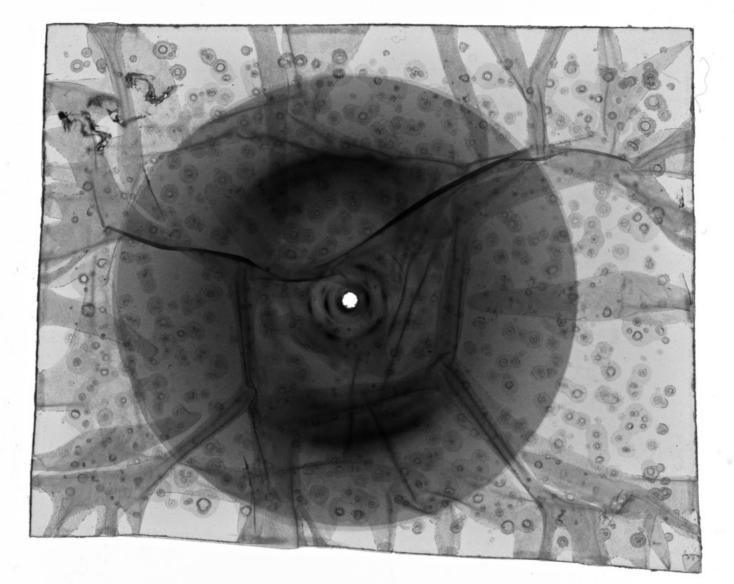
5 EB 87 DNA 2S (W2)



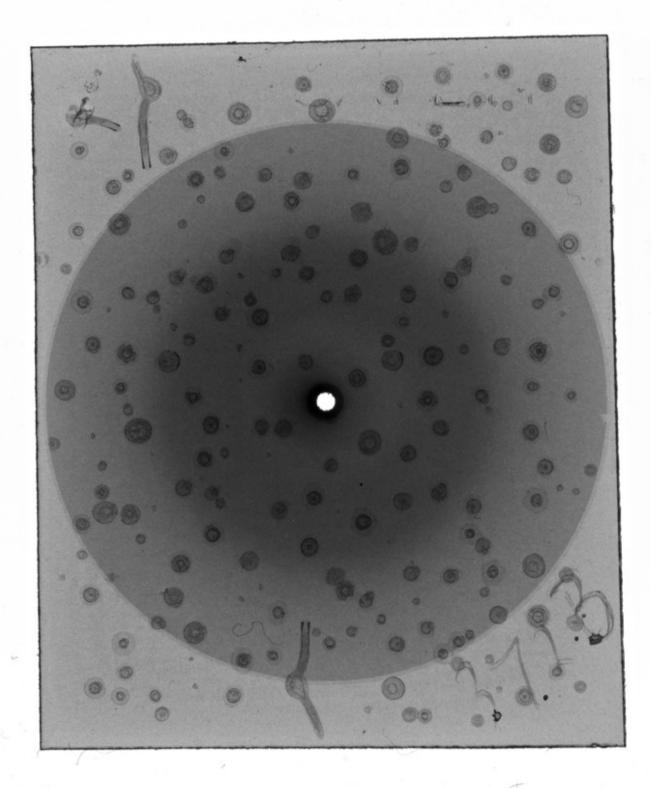


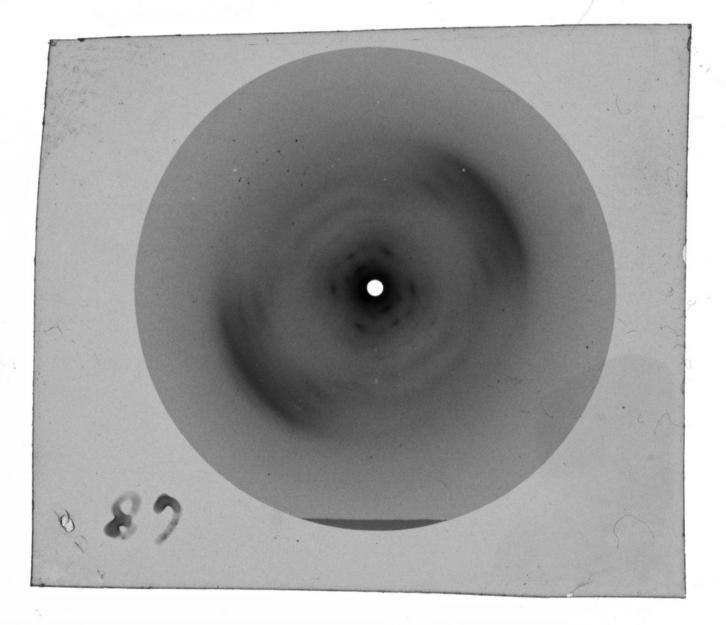


Butler TNA/5/

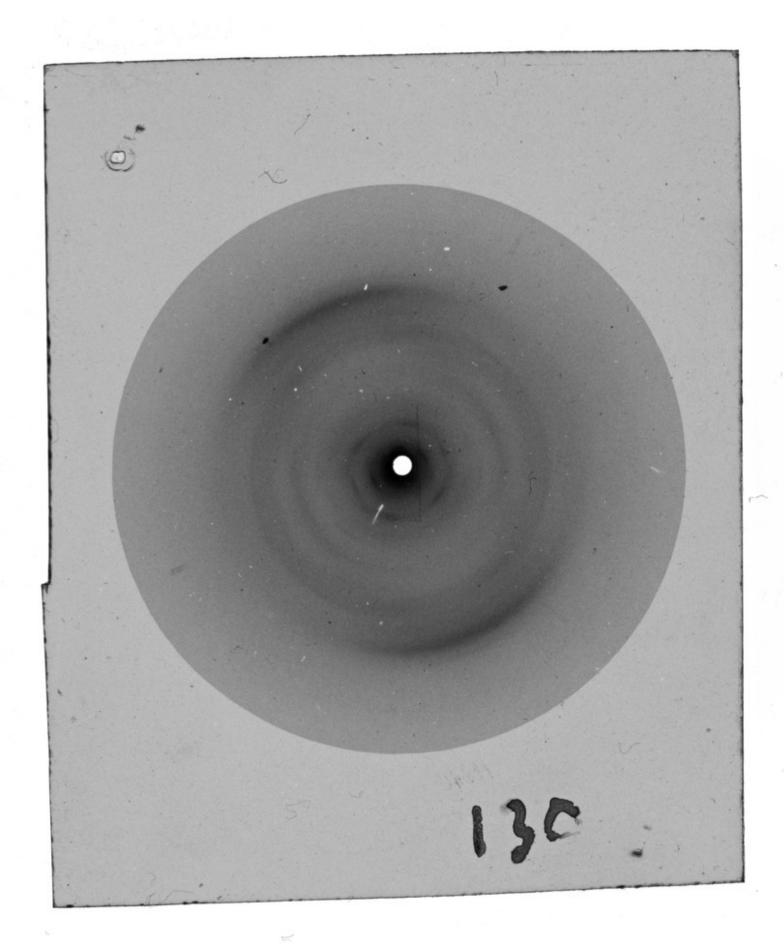


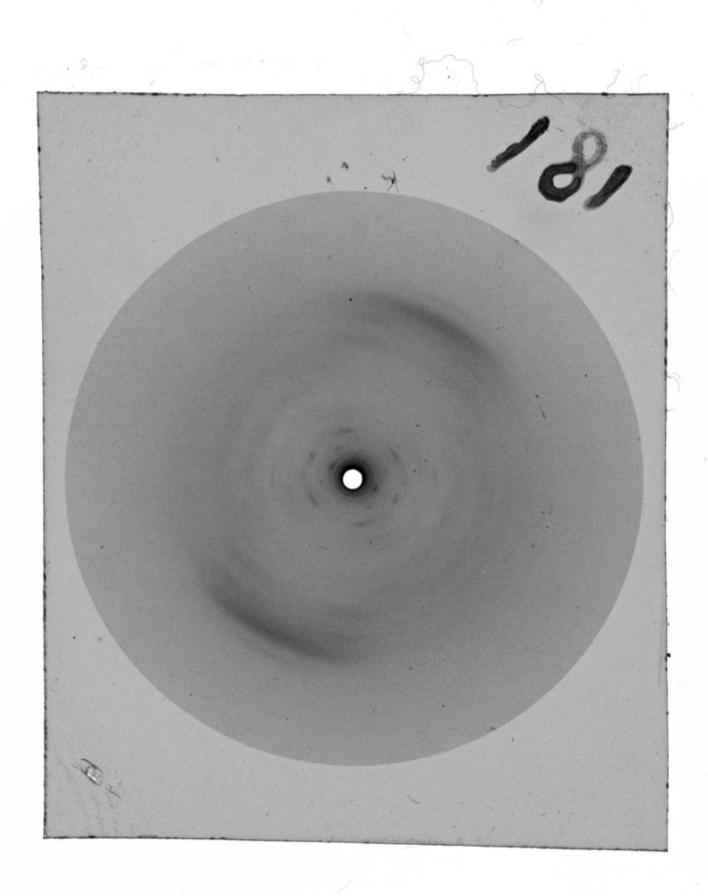
[No.] 355 5EB 288

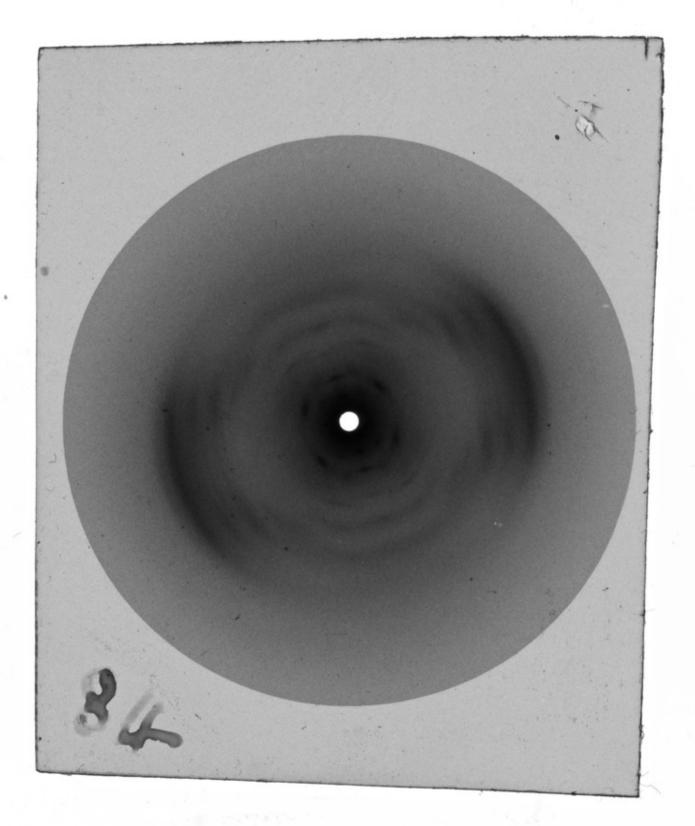




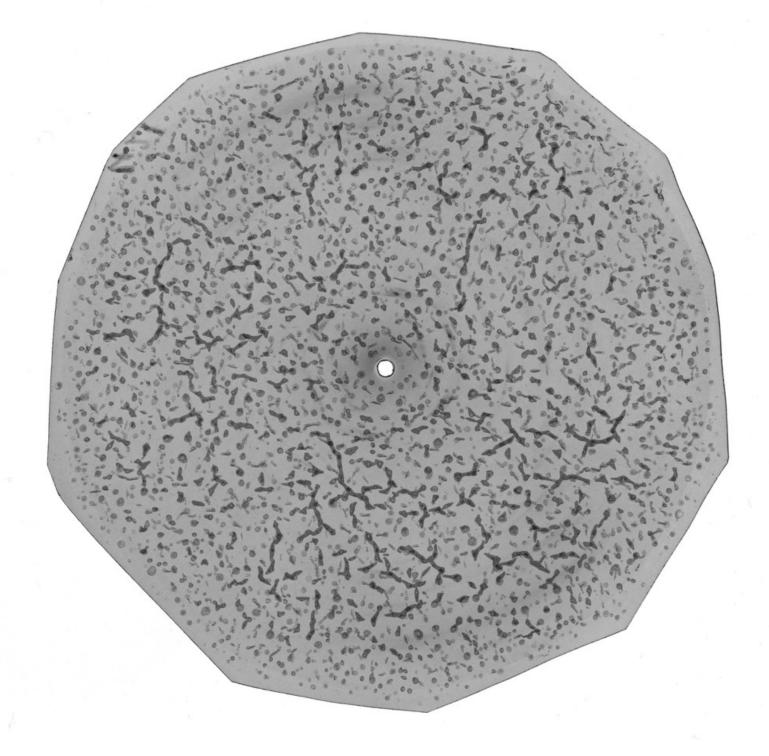
No. 68 [Rudolf] Signer Na [Sodium] Thy [Thymonucleate]

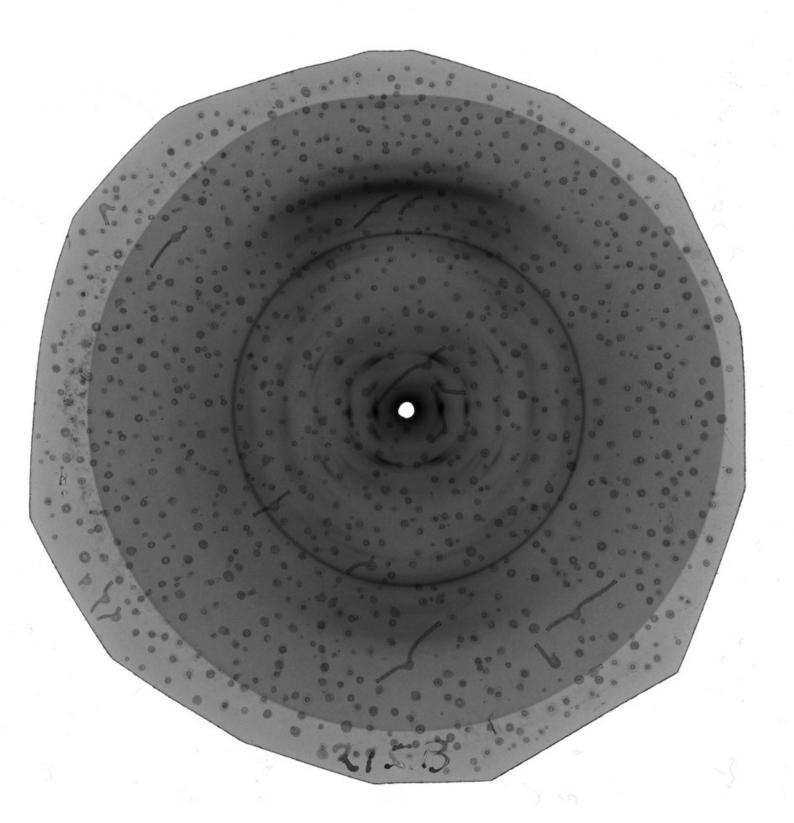




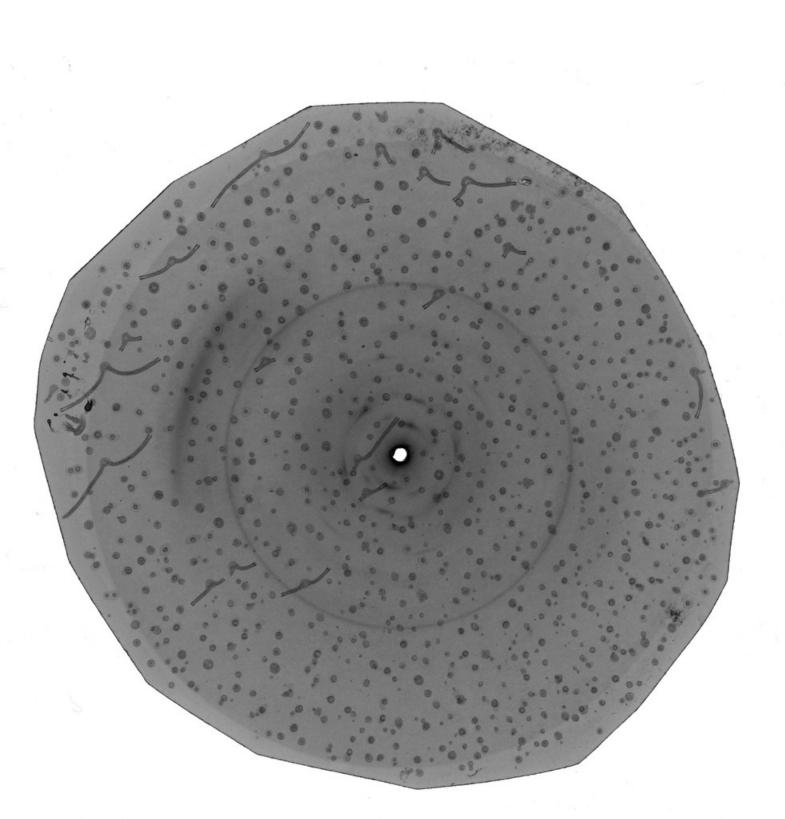


No. 84 [Rudolf] Signer 1. fibre pulled

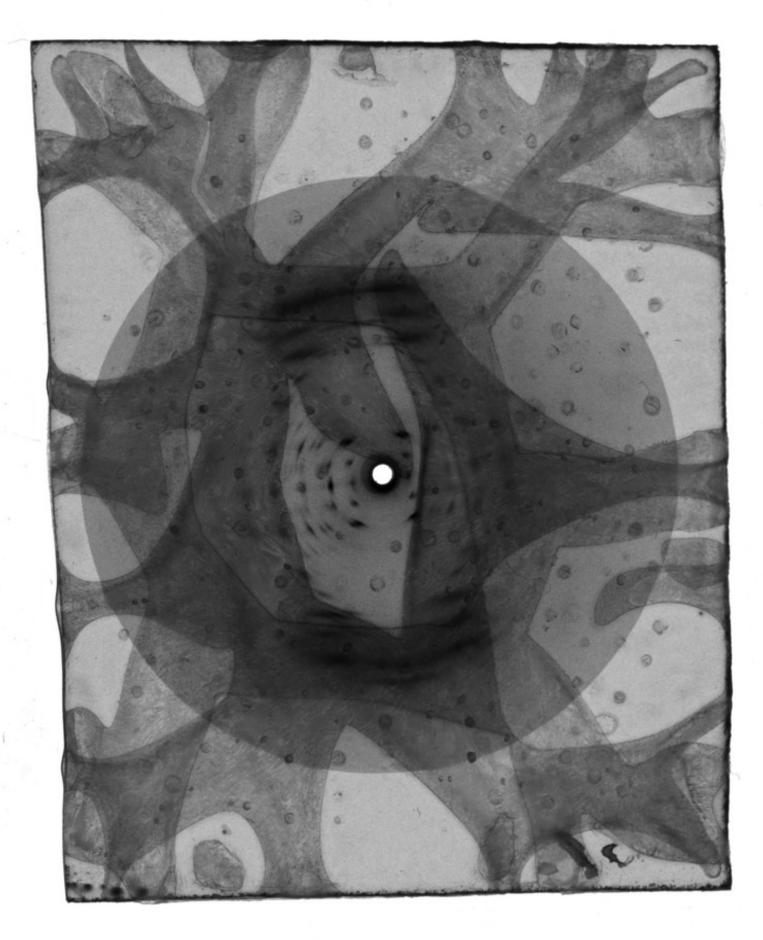




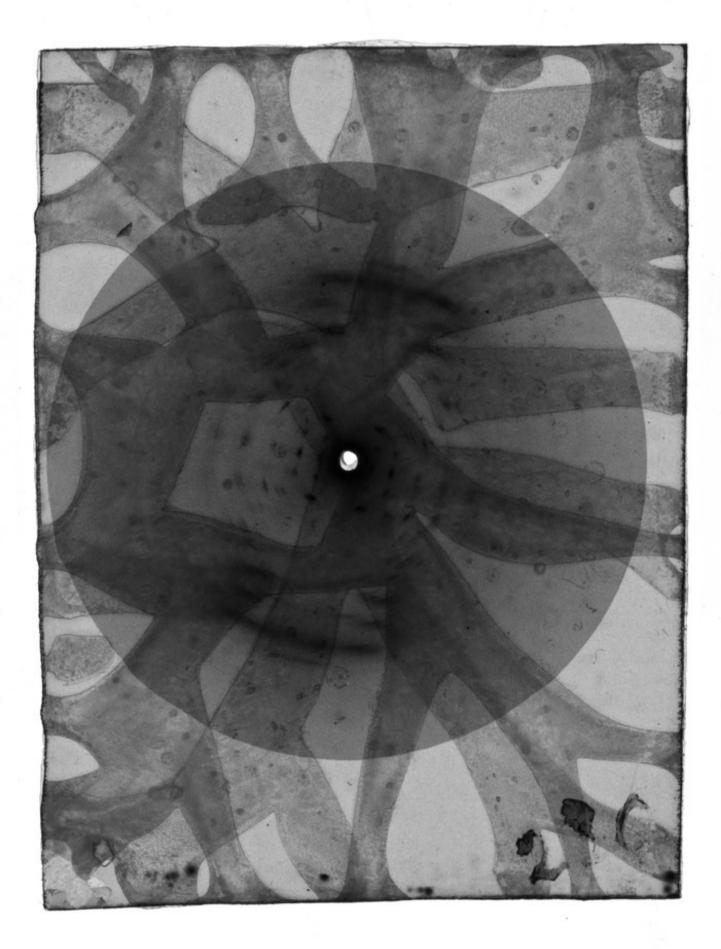
[No.] 215B S180 5EB 87 DNA 3L

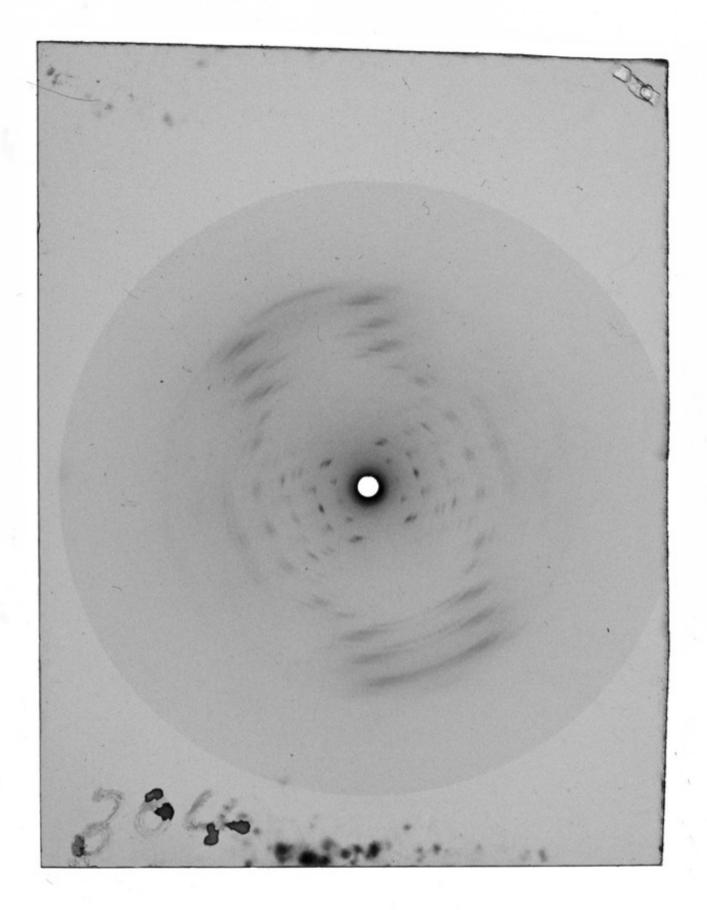


[No.] 215B S180 5EB 87 DNA 3L

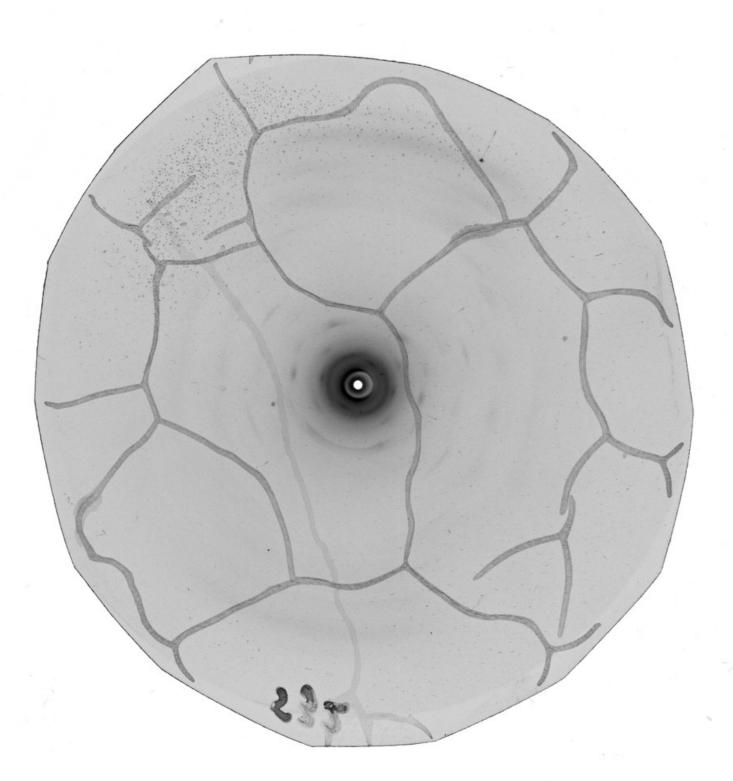


[No.] 231 Calf Thymus 5EB 288 5/11/54 (2)

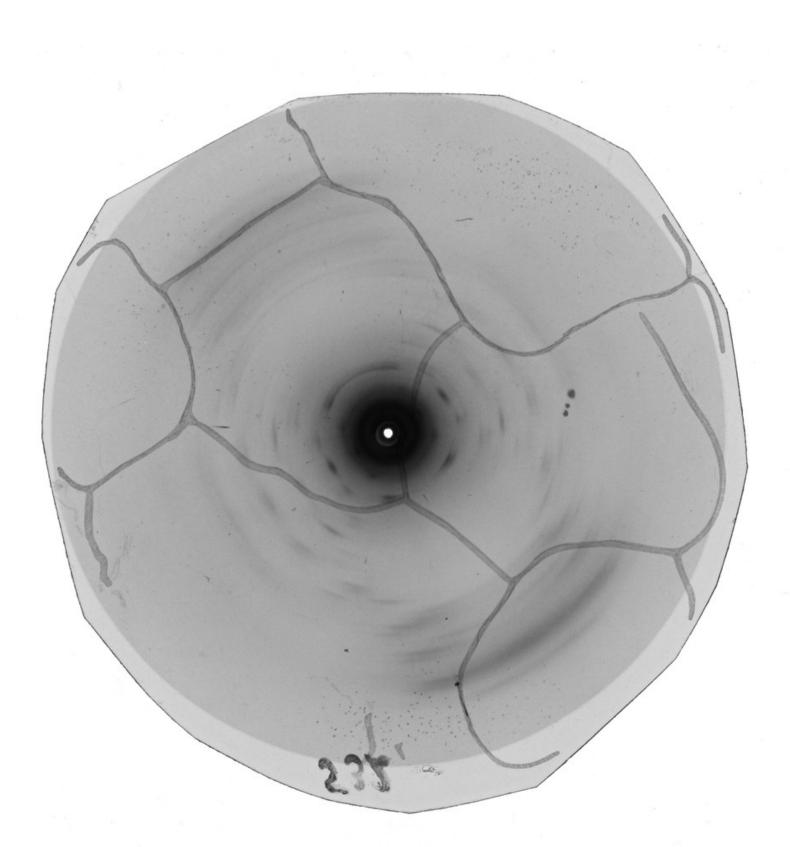




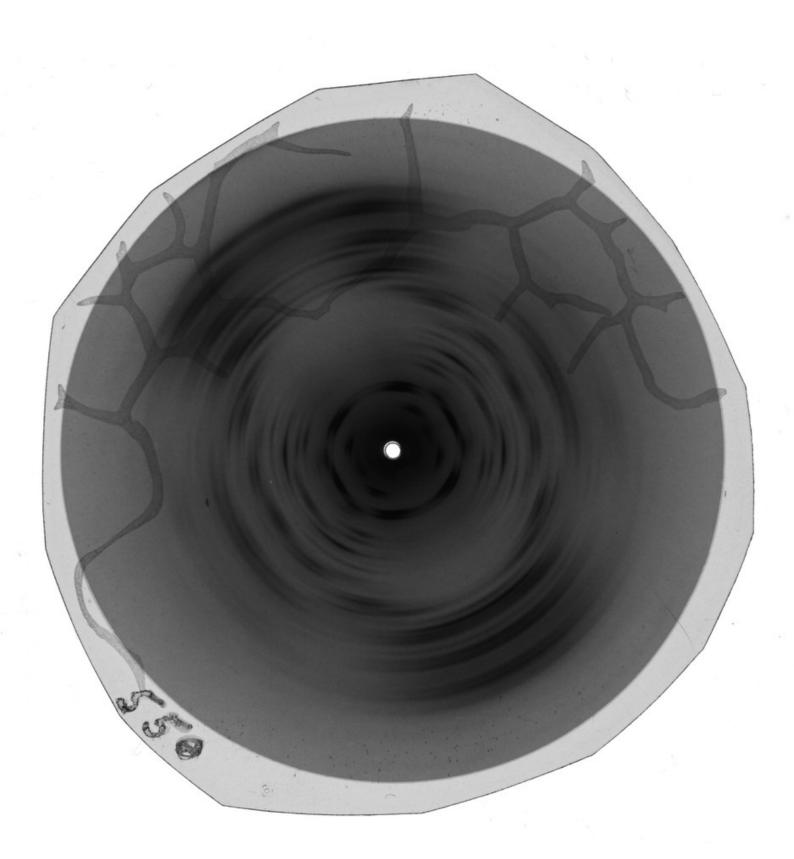
[No.] 304 B-Coli (Good)



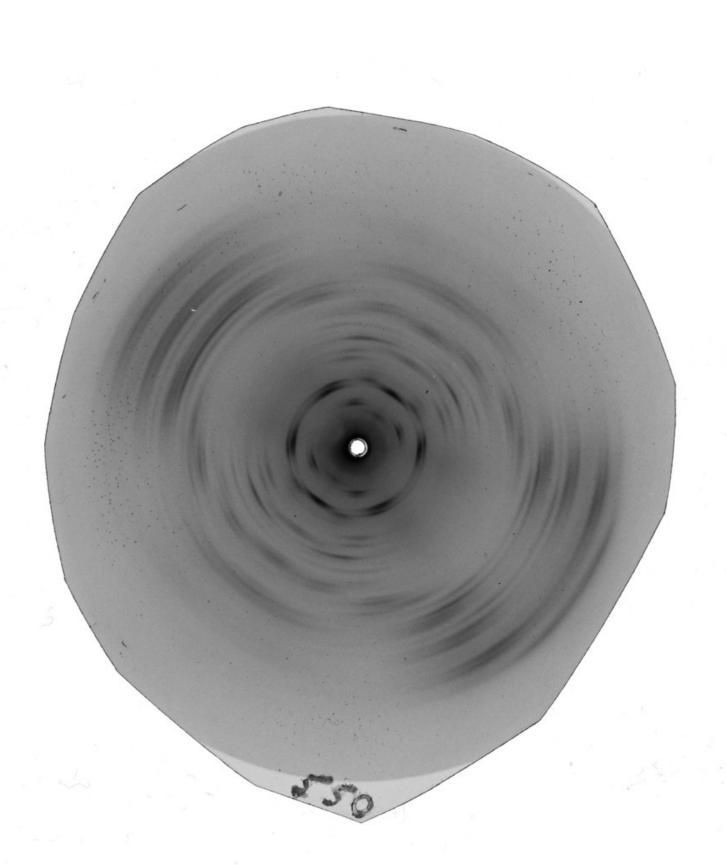
[No.] 532 6 EB 80 - 1 at 75% R.H. [relative humidity]



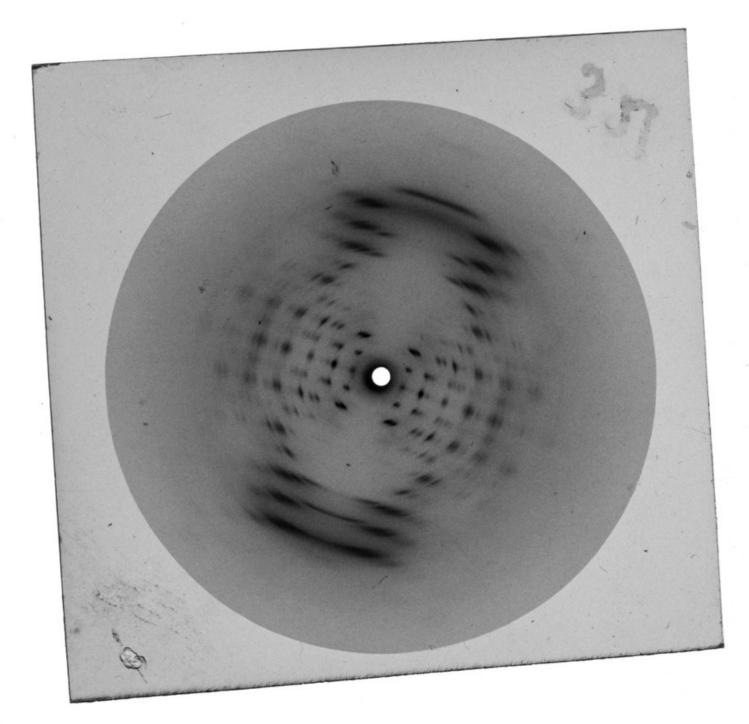
[No.] 532 6 EB 80 - 1 at 75% R.H. [relative humidity]



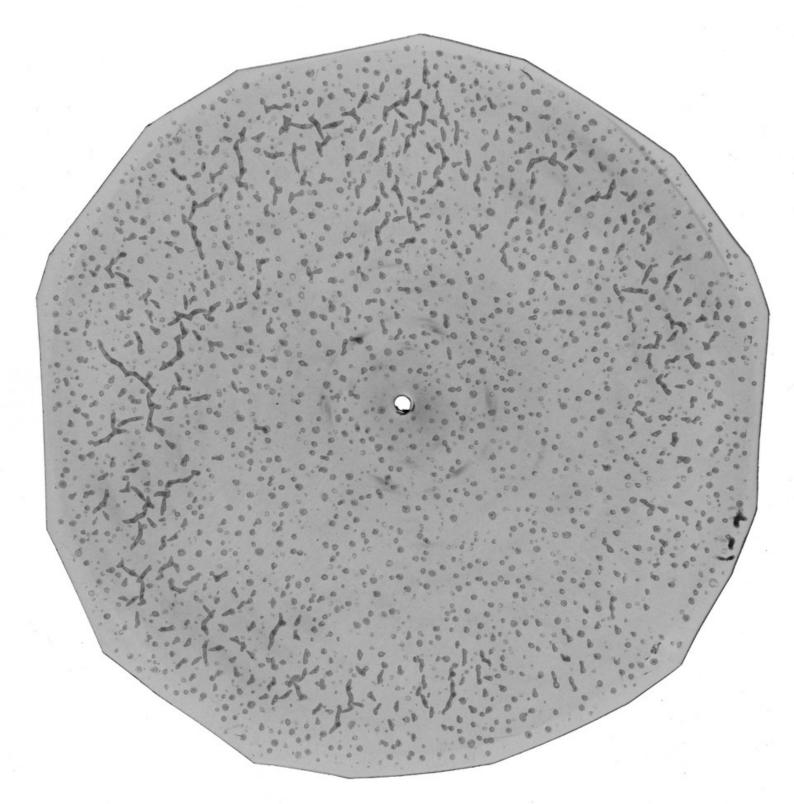
[Norman] Simmon's I.I. [No.] 220



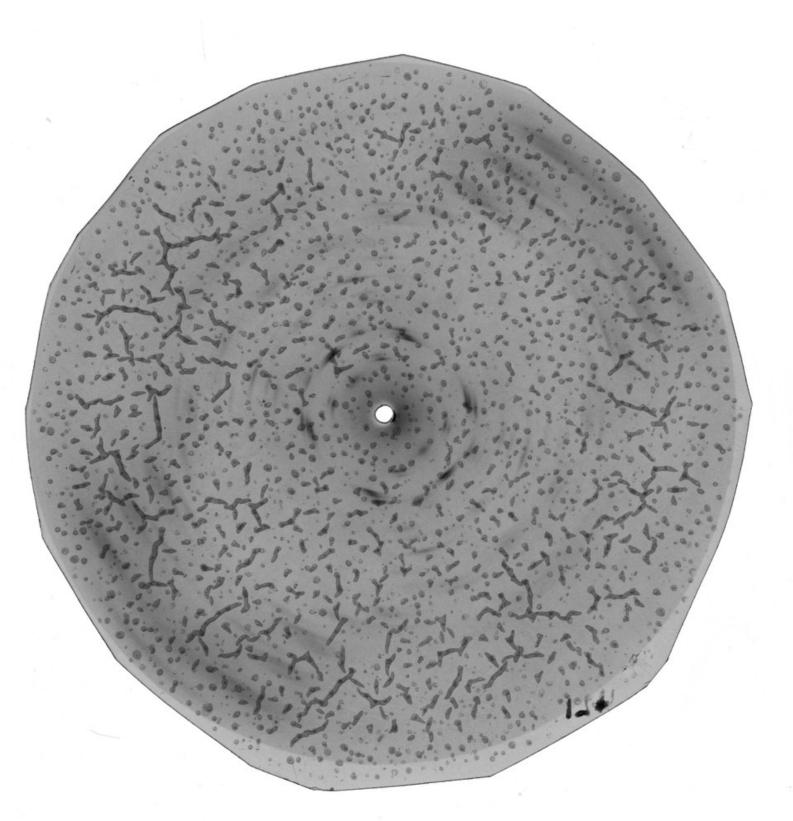
[Norman] Simmon's I.I. [No.] 220



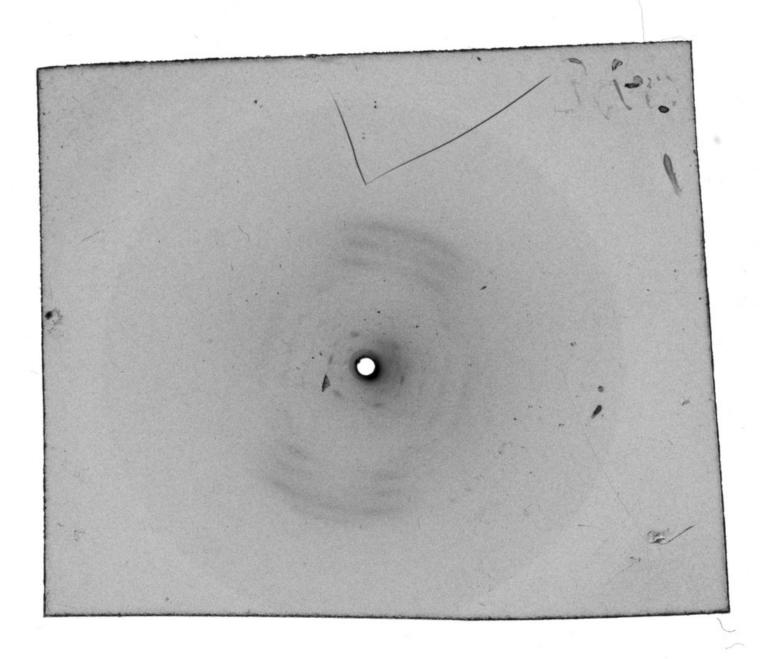
[linear brusli leaf?] th [no.] 321



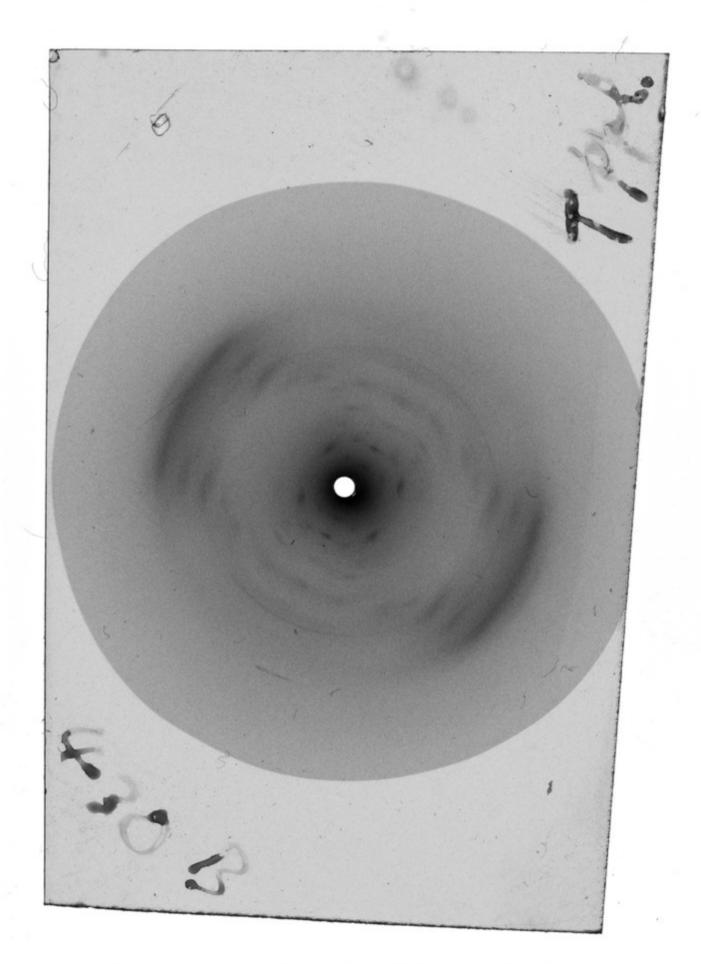
[No.] 421 [Norman] Simmon's E Coli



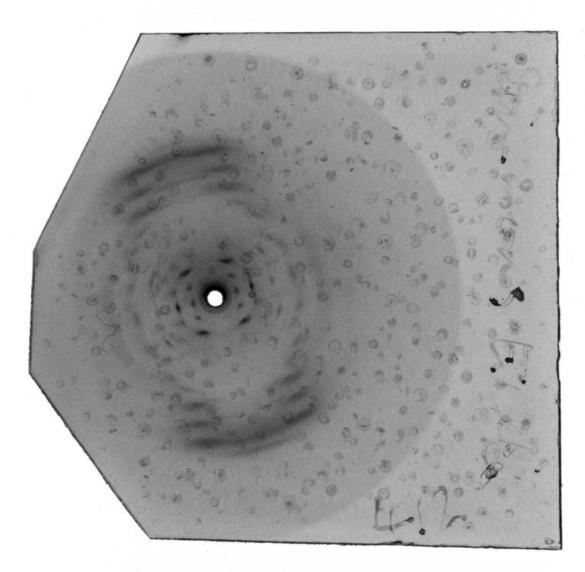
[No.] 421 [Norman] Simmon's E Coli



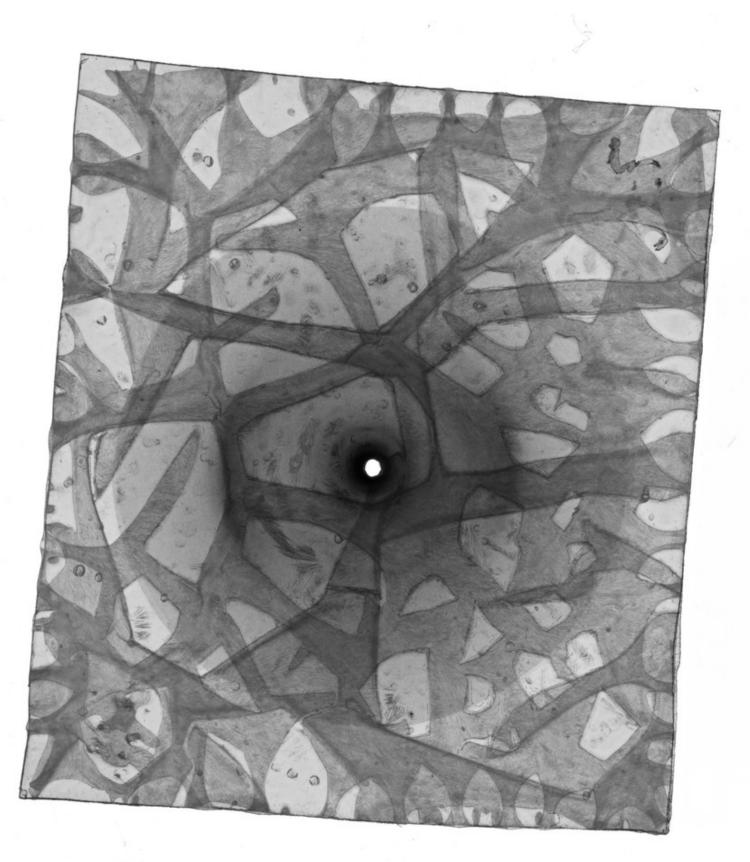
[No.] 380 # 1



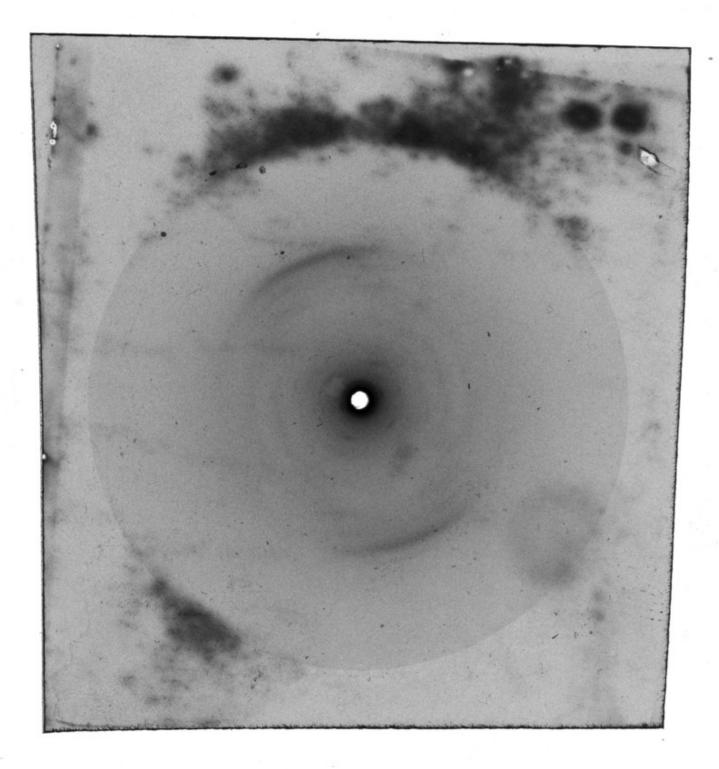
Tppl. [transforming principle] [no.] 430 B



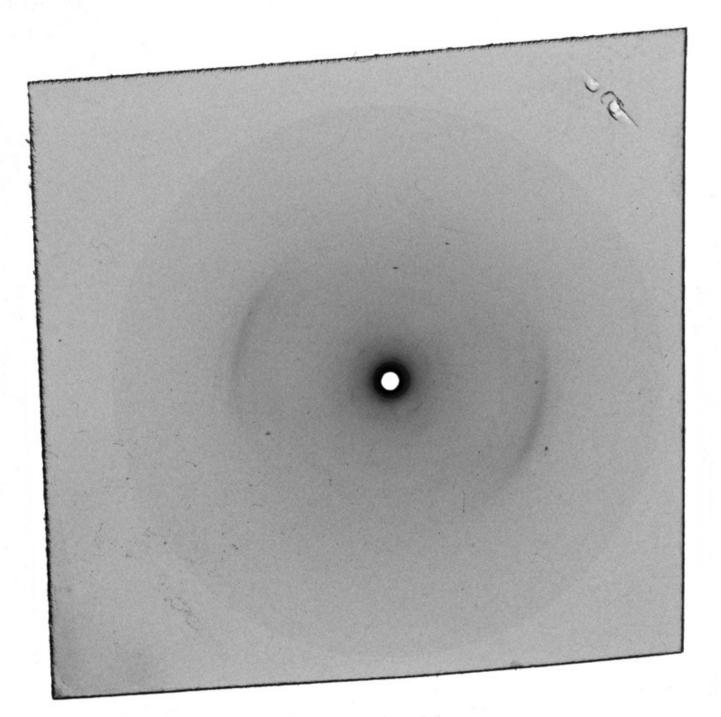
[Norman] Simmon's E Coli DNA [No.] 412



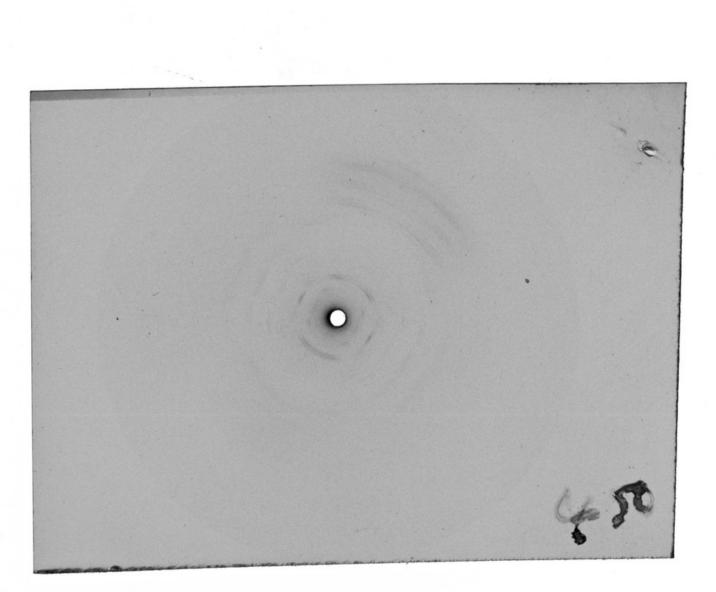
[No.] 325 #4



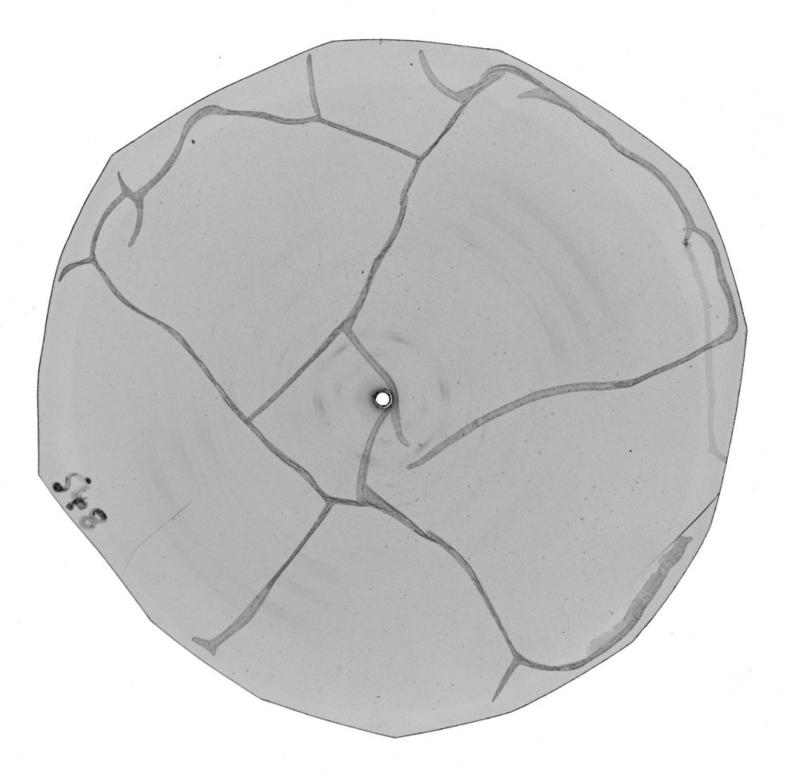
[Norman] Simmon's DNA # 2



[Norman] Simmon's DNA # 2



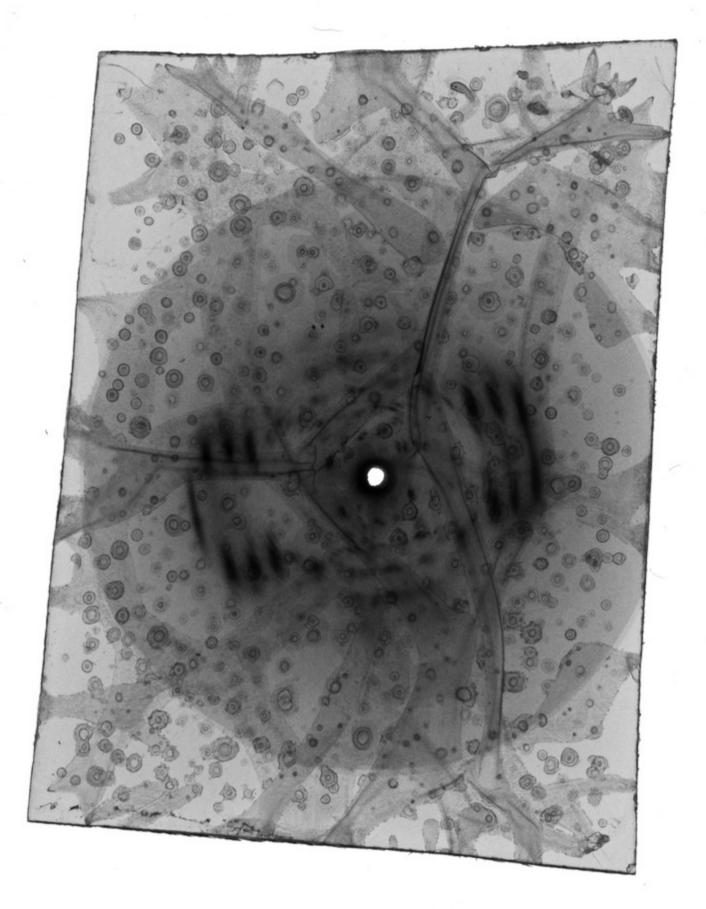
[No.] 450 a [Norman] Simmon's chick eryth[rocyte] DNA #4



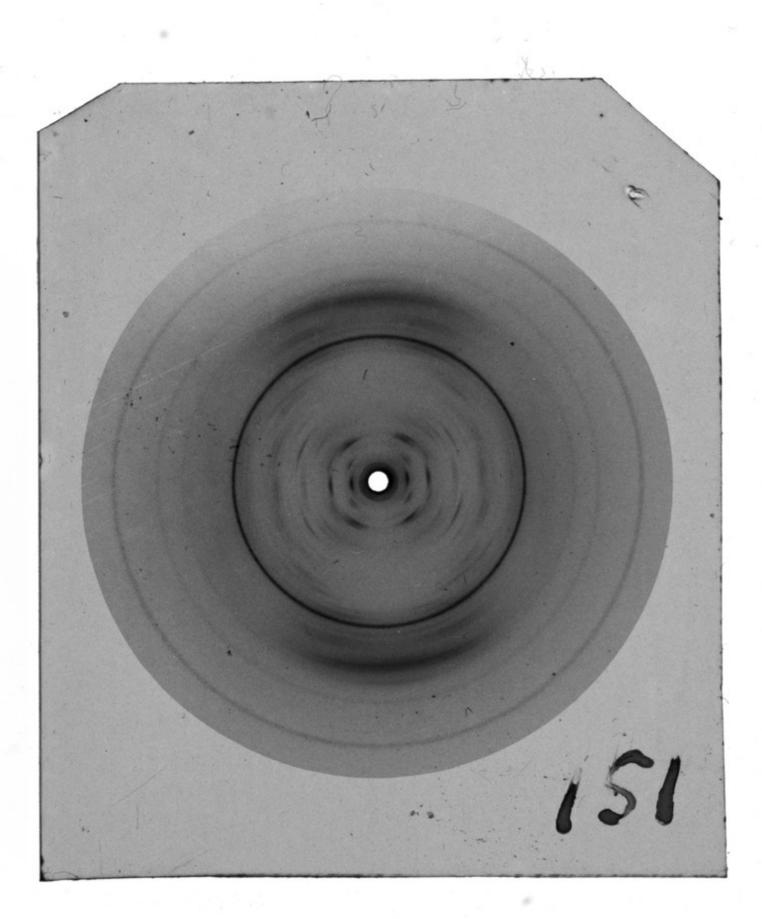
[No.] 548 C[hick]. Eryth[rocyte] DNA # 05LA



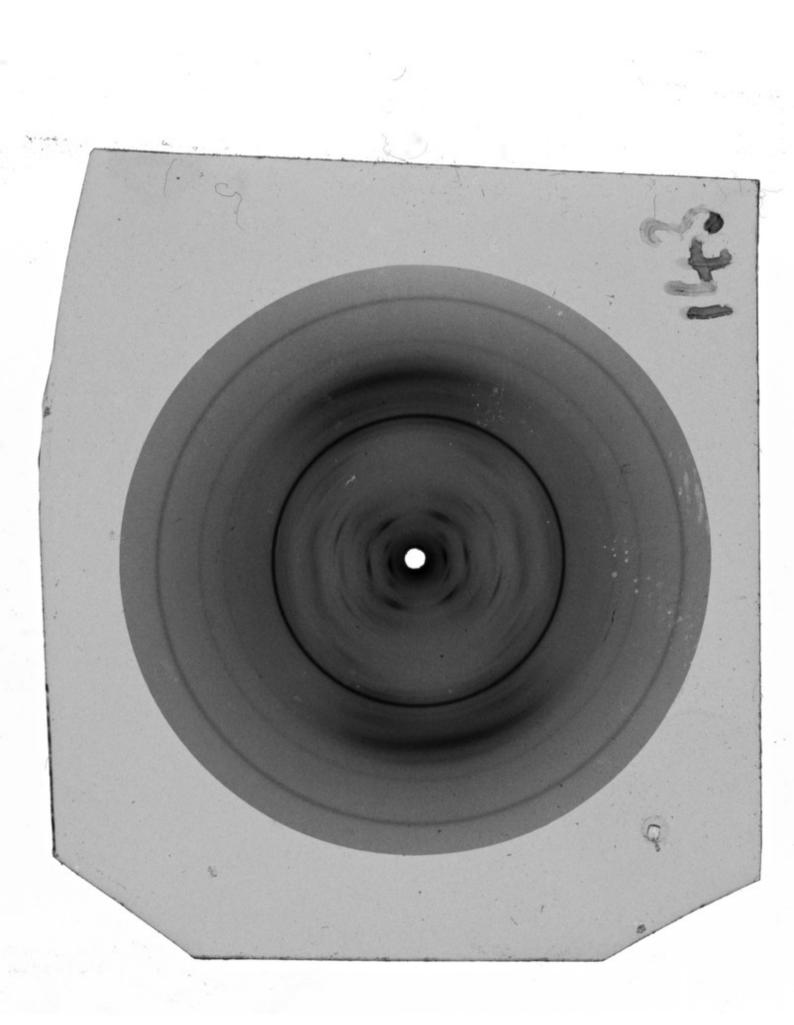
[No.] 548 C[hick]. Eryth[rocyte] DNA # 05LA



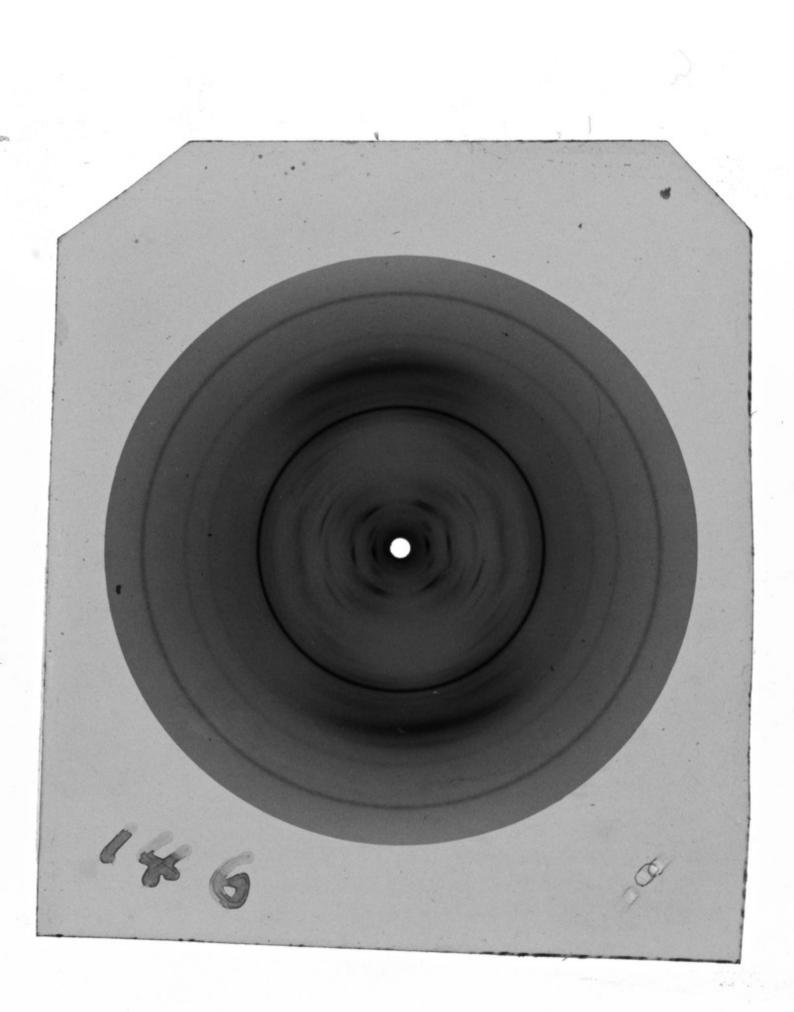
345 & 346 [Norman] Simmons DNA at 42% RH [relative humidity] and tppl [transforming principle] H6 at 42% [relative humidity]



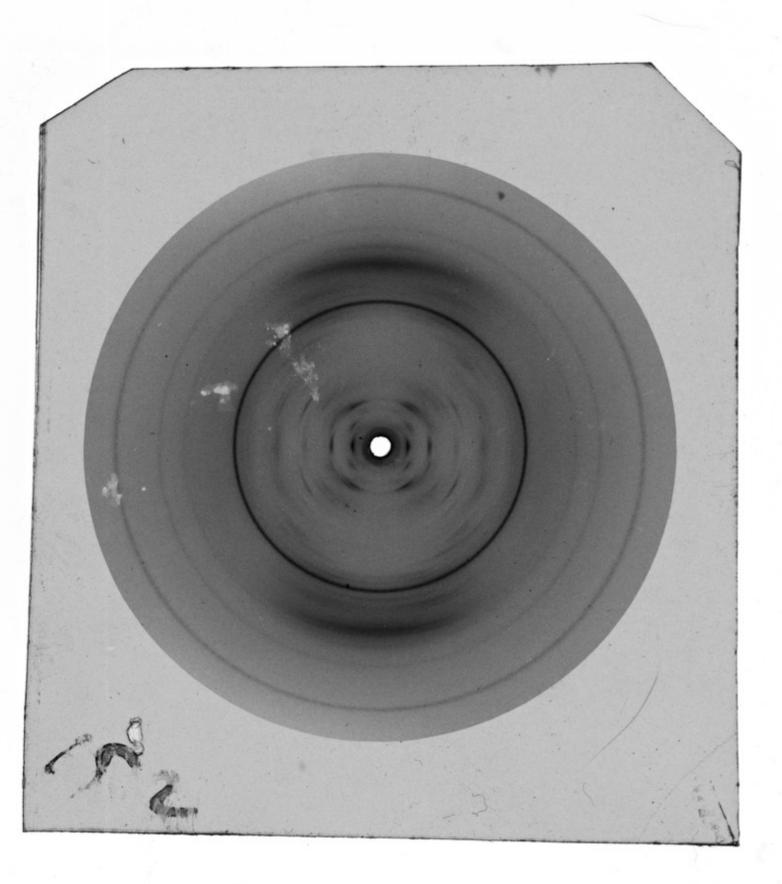
No. 151 D.O. [double orientation] Species Human



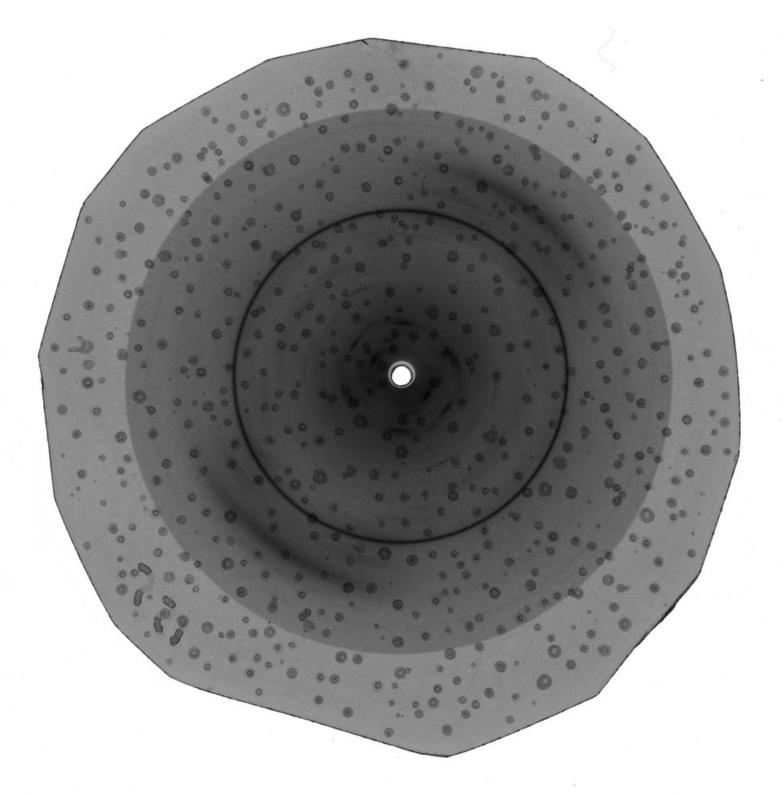
Human DNA 143 D.O. [double orientation]



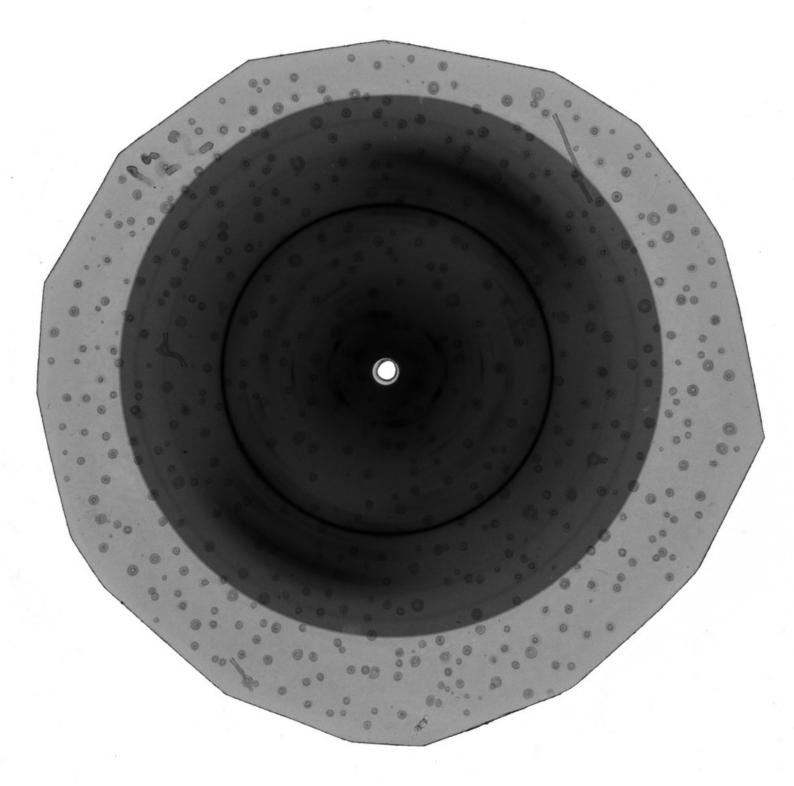
[No.] 129 D.O. [double orientation] A 146



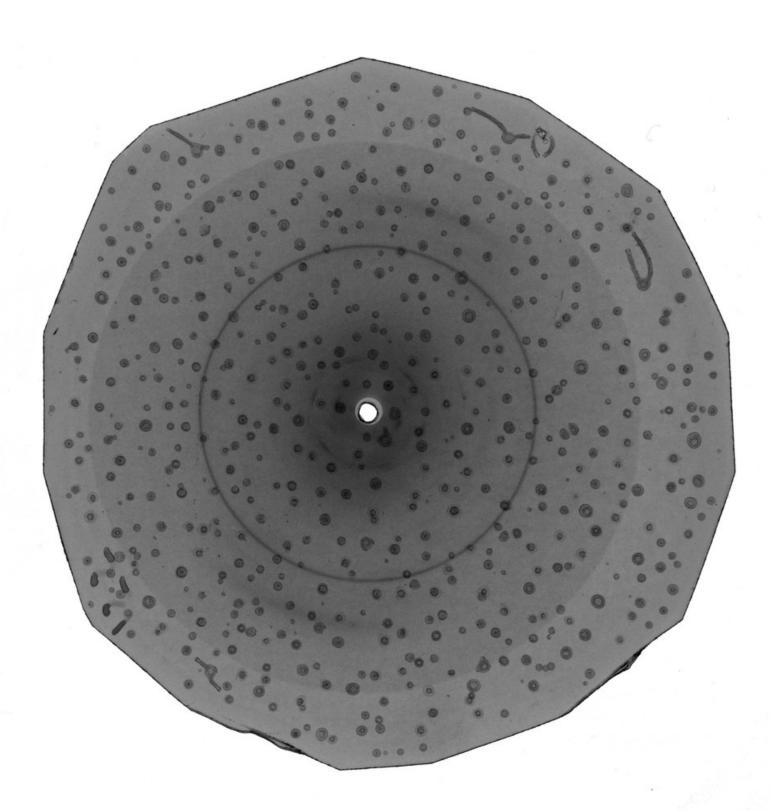
[No.] 152 Human DNA D.O [double orientation] fibre" [crossed out S 130 then EB #4 P70]



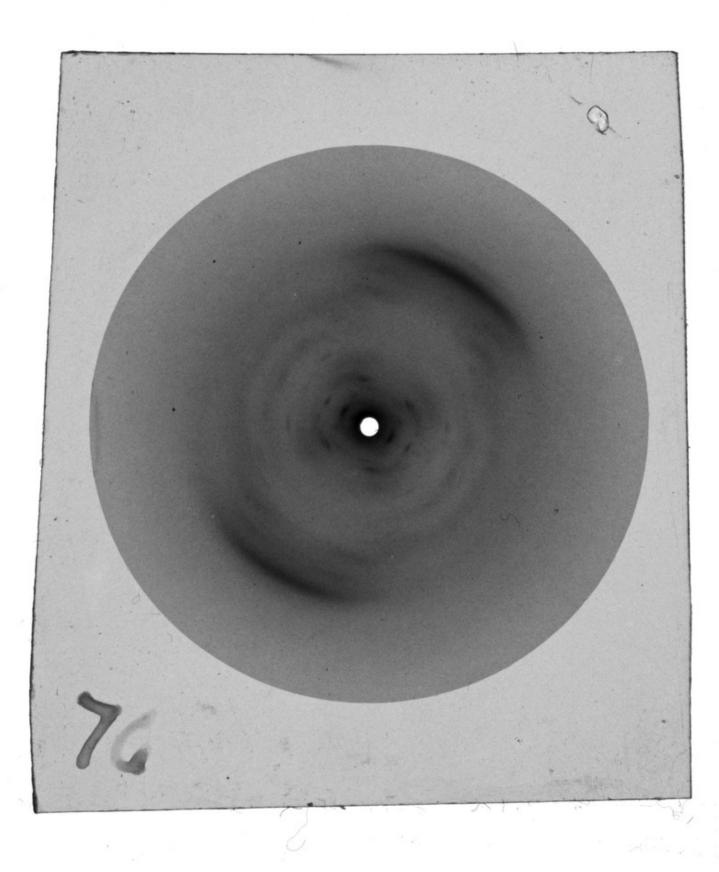
[No. 155] D.O [double orientation] Human



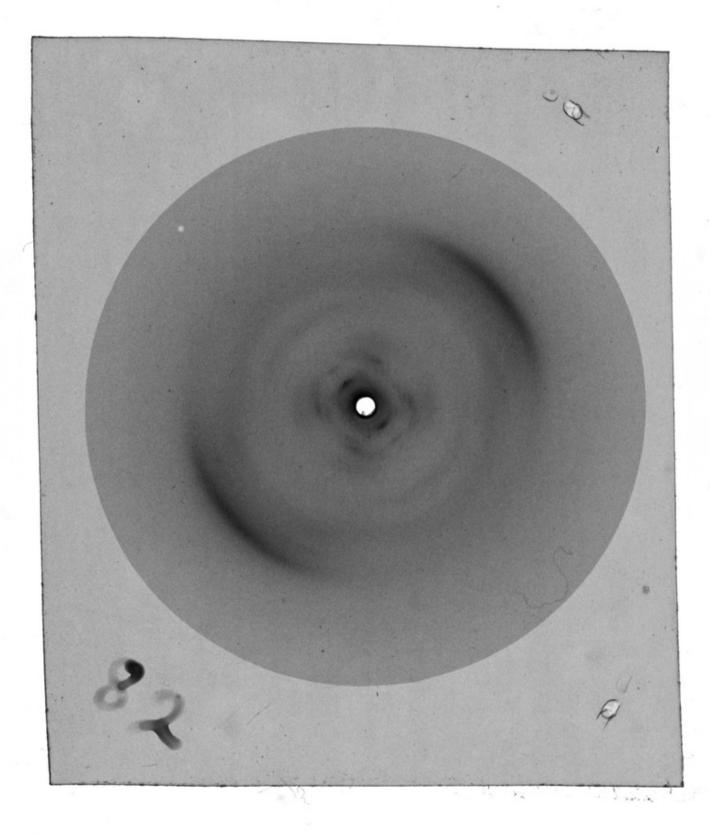
[No. 155] D.O [double orientation] Human



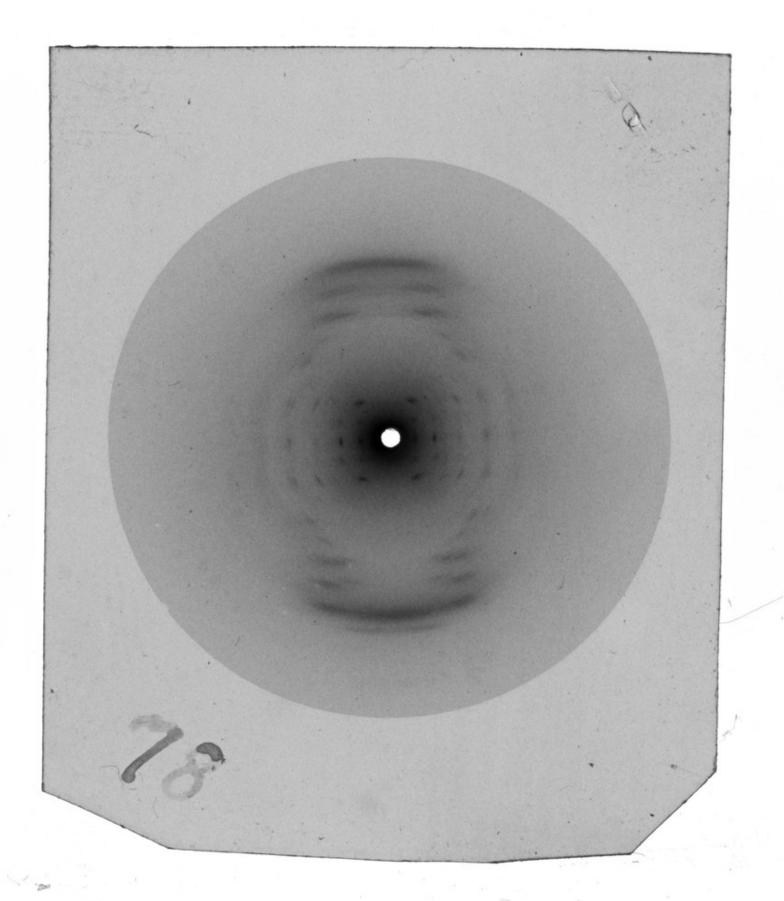
[No. 155] D.O [double orientation] Human



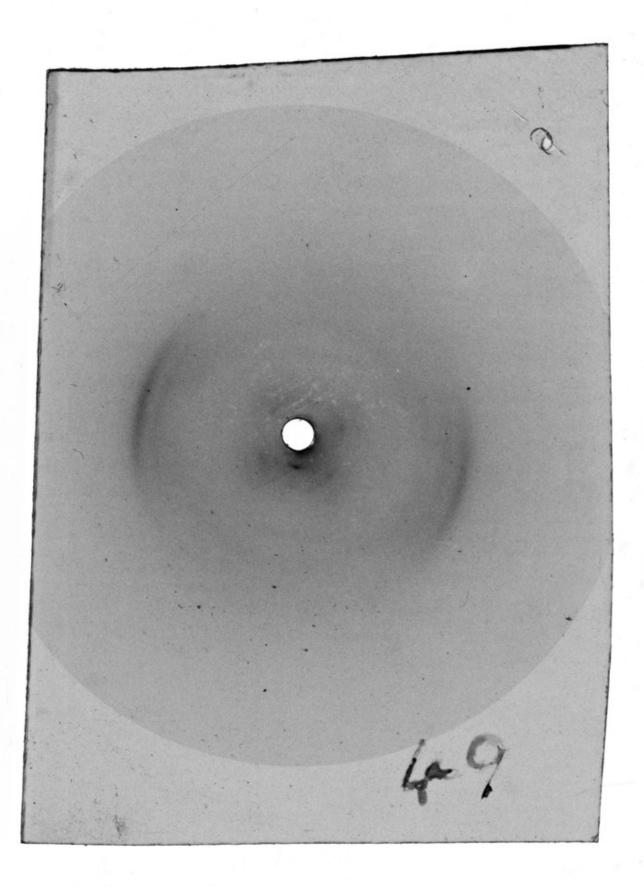
No.76 6 Cd



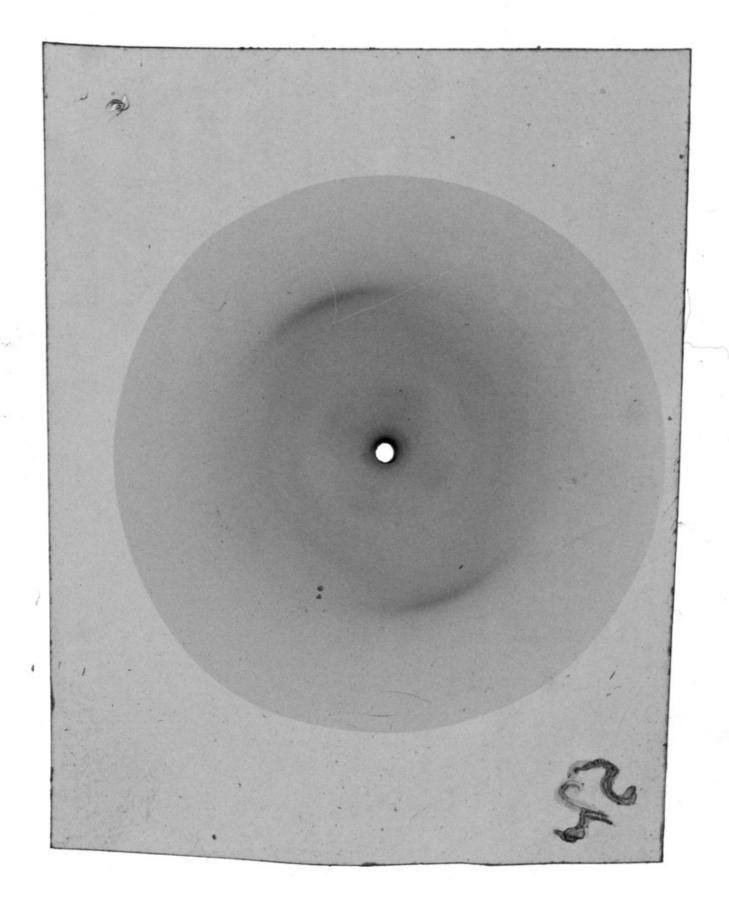
film no 82 T.P.R. [transforming principle] Str 3 Samples Zn



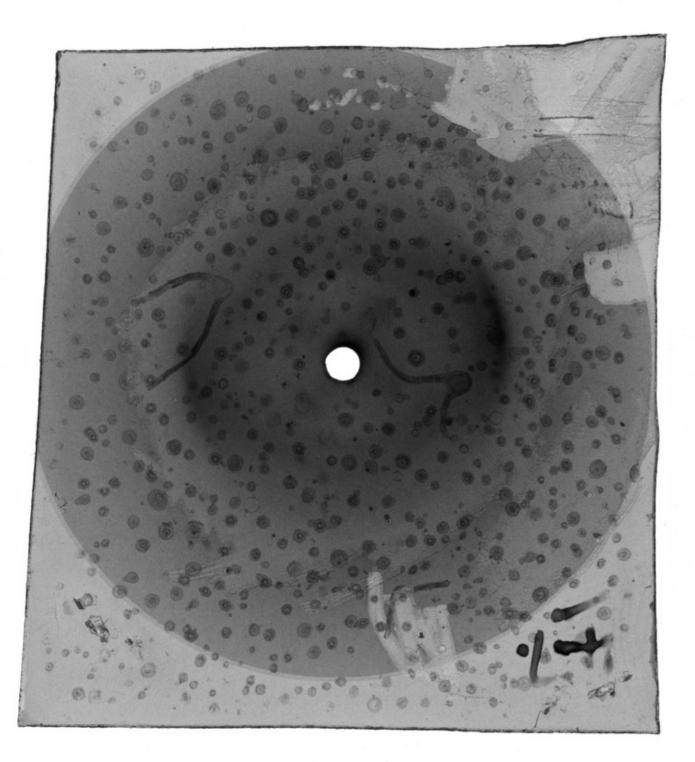
film no 78 t.ppl. [transforming principle] 4 Str



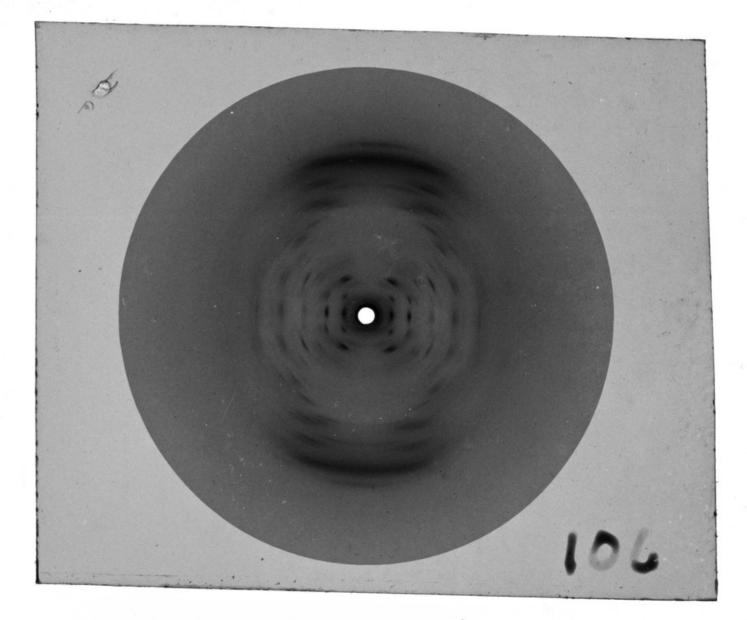
49 TPR [transforming principle]-Str 1



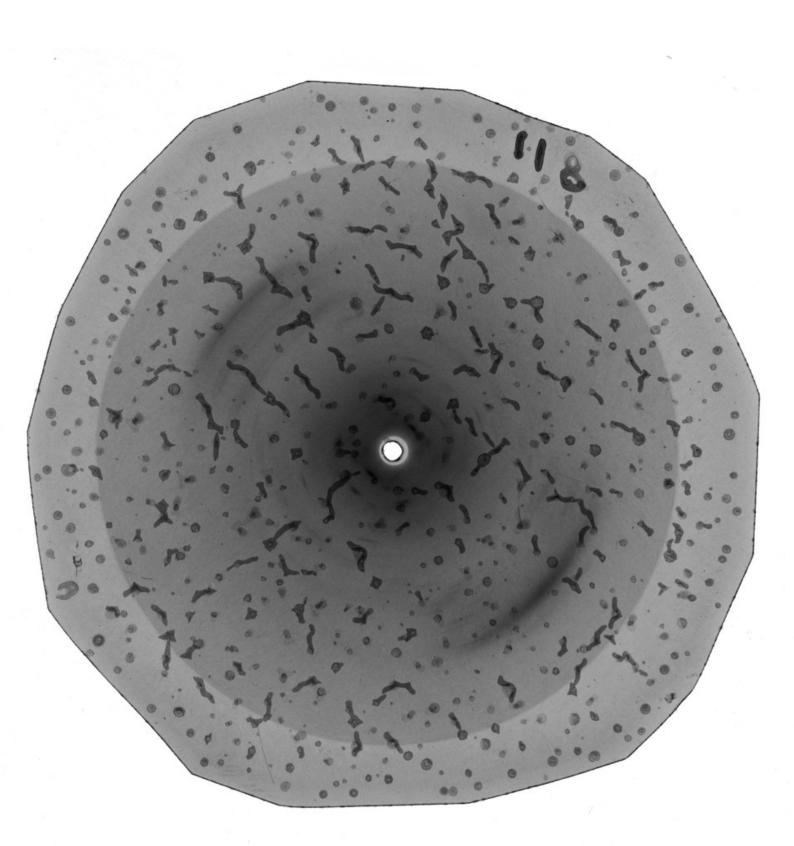
47 + 52 t.ppl. [transforming principle] (No Salt)



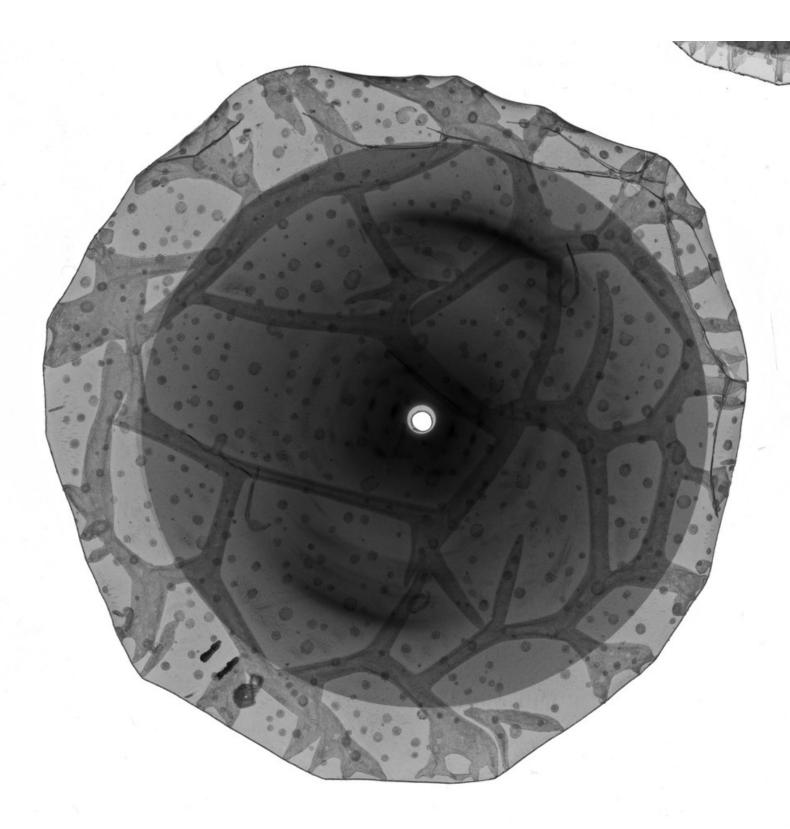
47 + 52 t.ppl. [transforming principle] (No Salt)



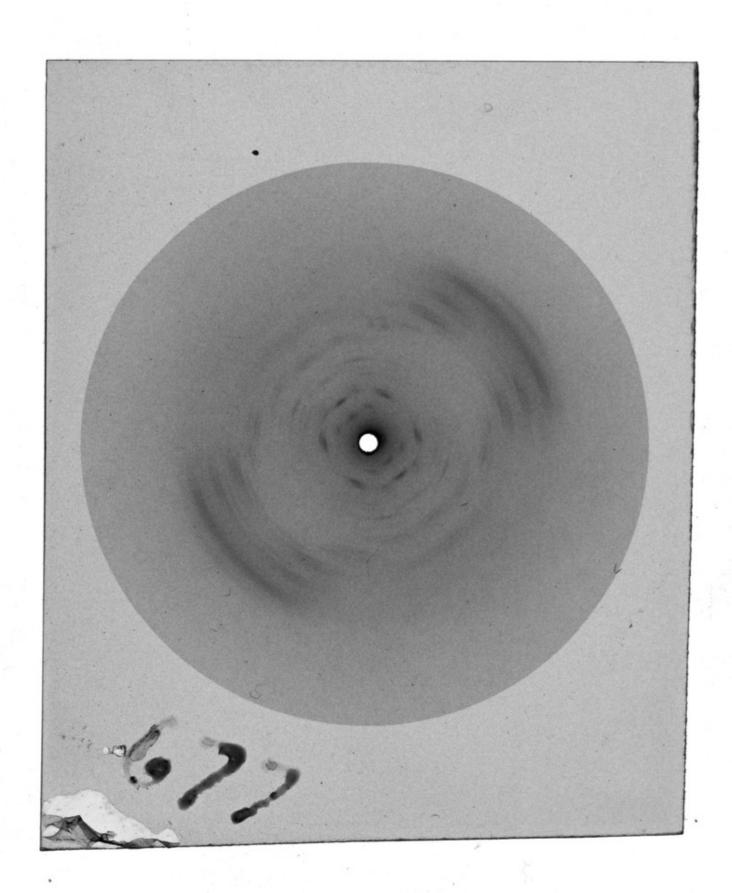
No. 106 t.ppl. [transforming principle] 4 Str, (d.o [double orientation])



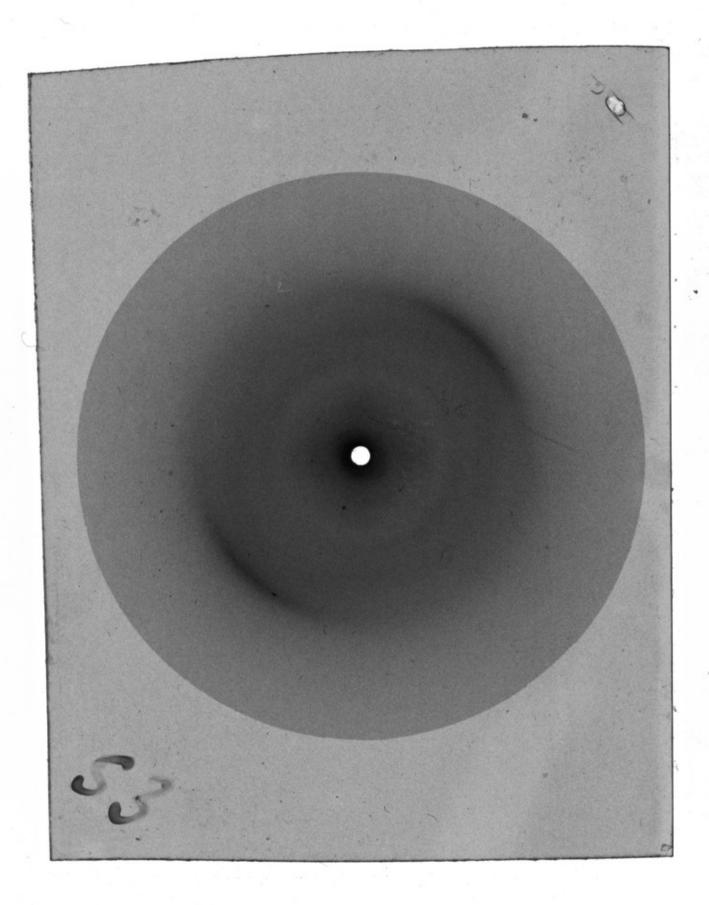
118 top. Str.[Strontium] ++



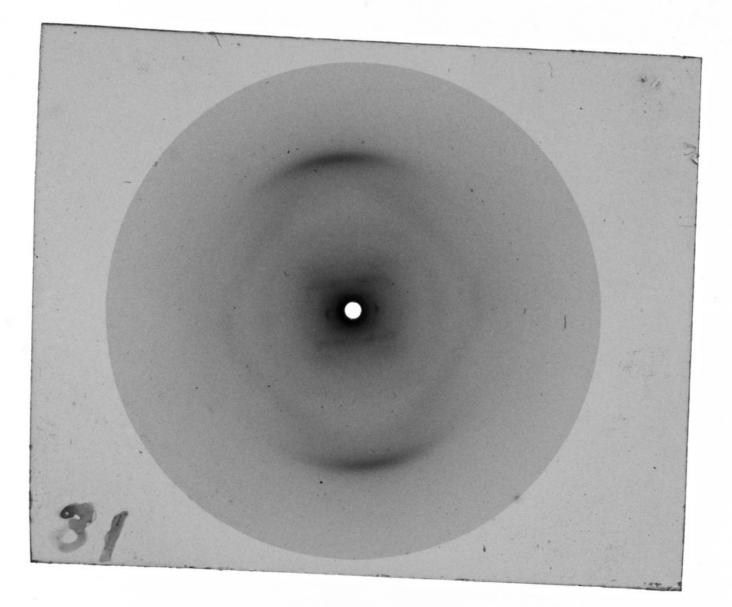
118 top. Str.[Strontium] ++



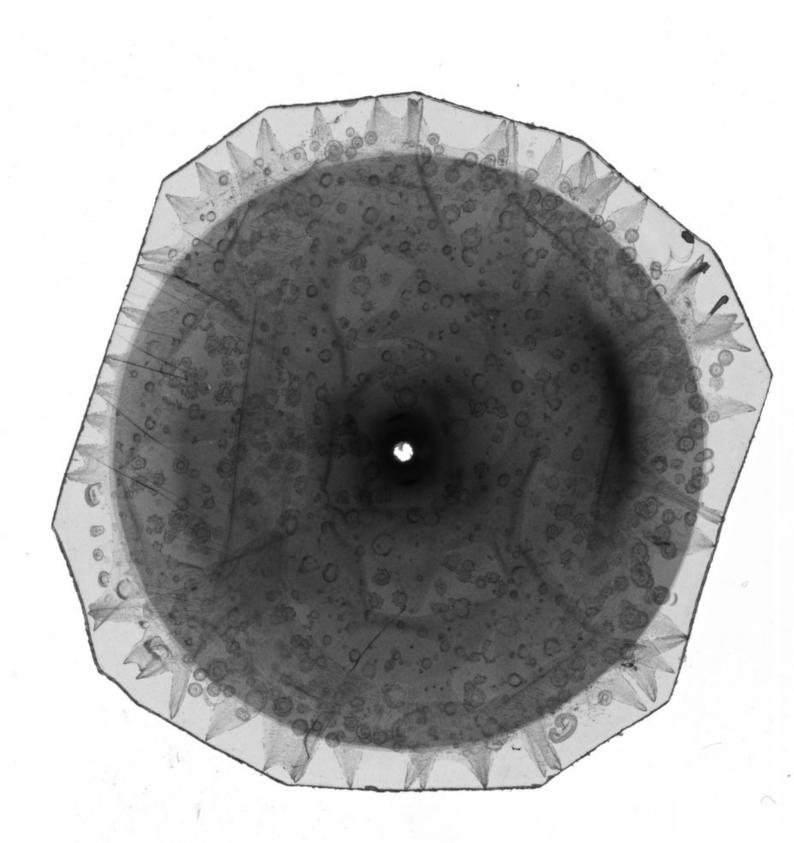
677 DNA + RNA

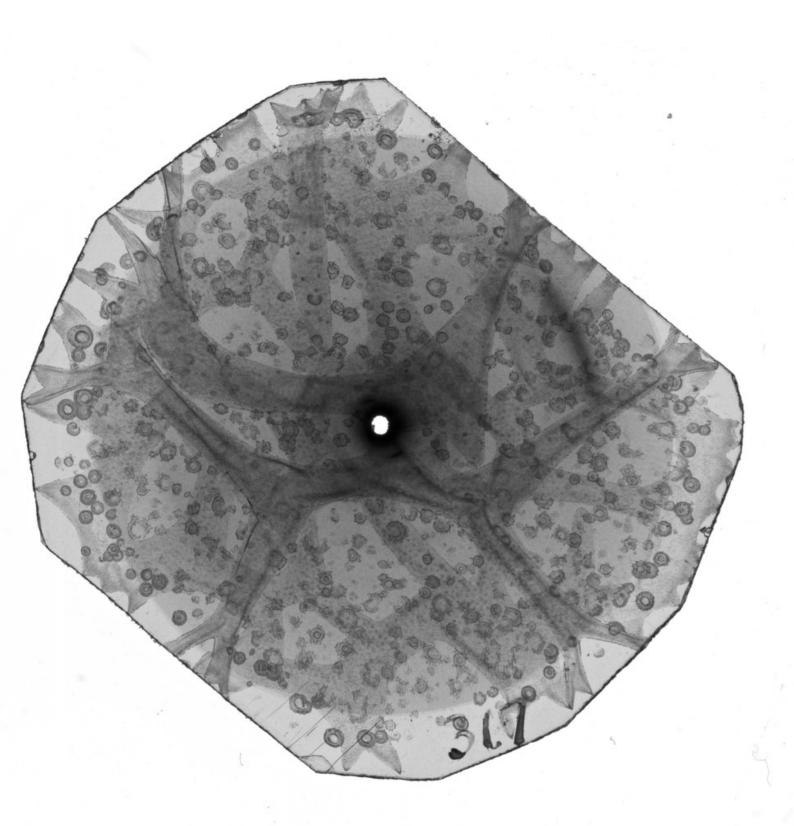


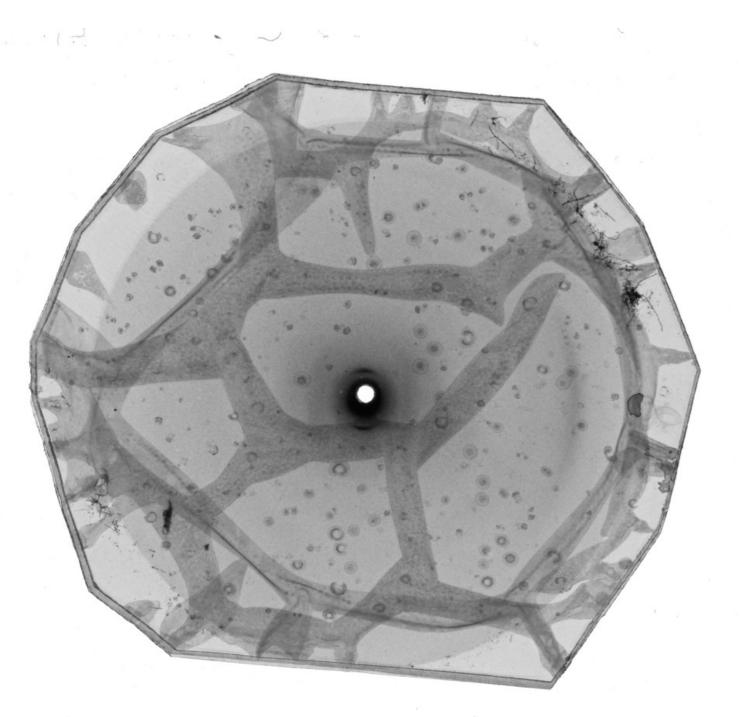
53 1st t.ppl. [transforming principle] To come over

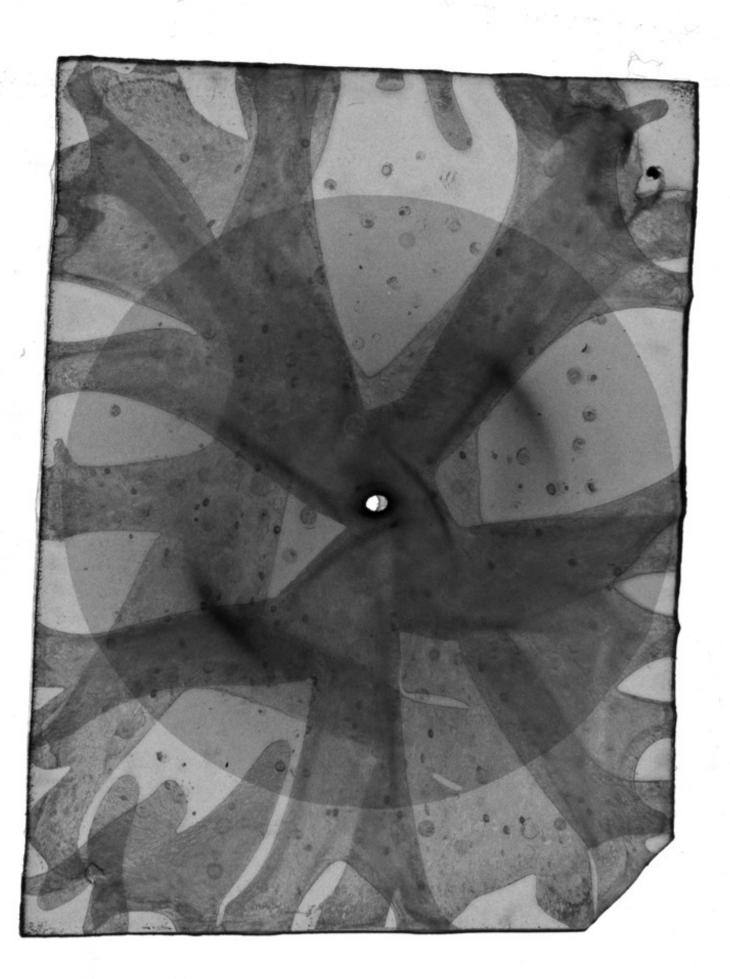


film no. 81 t.ppl [transforming principle] TPR-Str 3 Sample 2 V.pneo

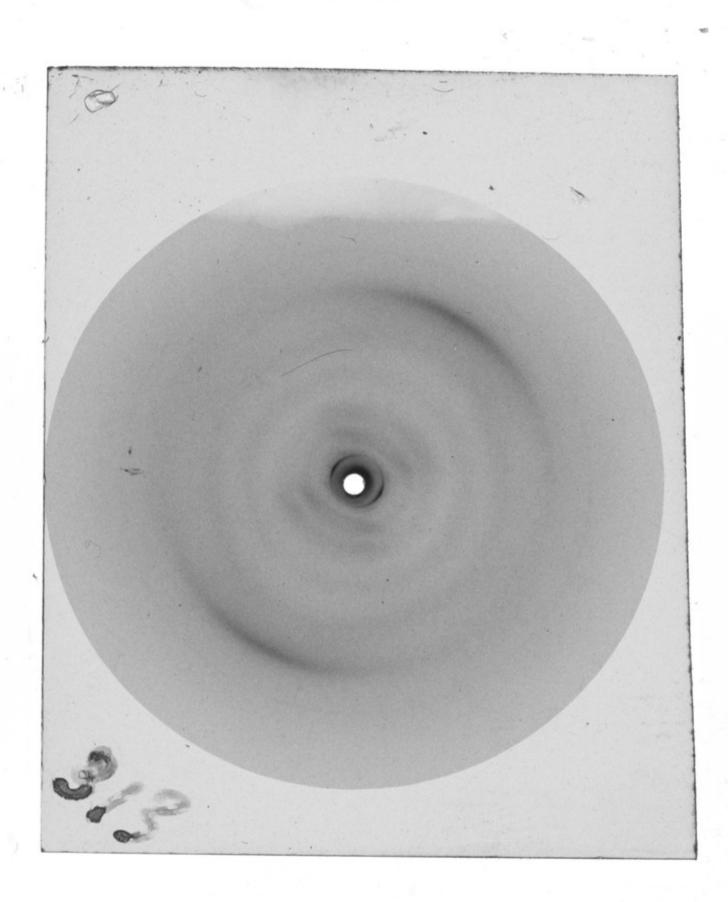


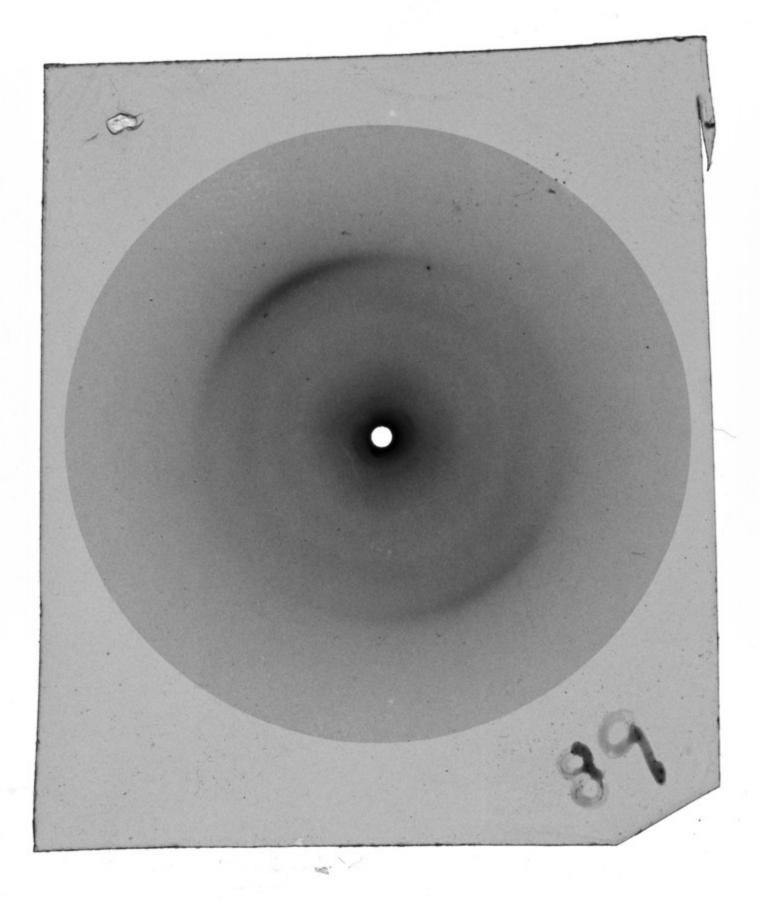


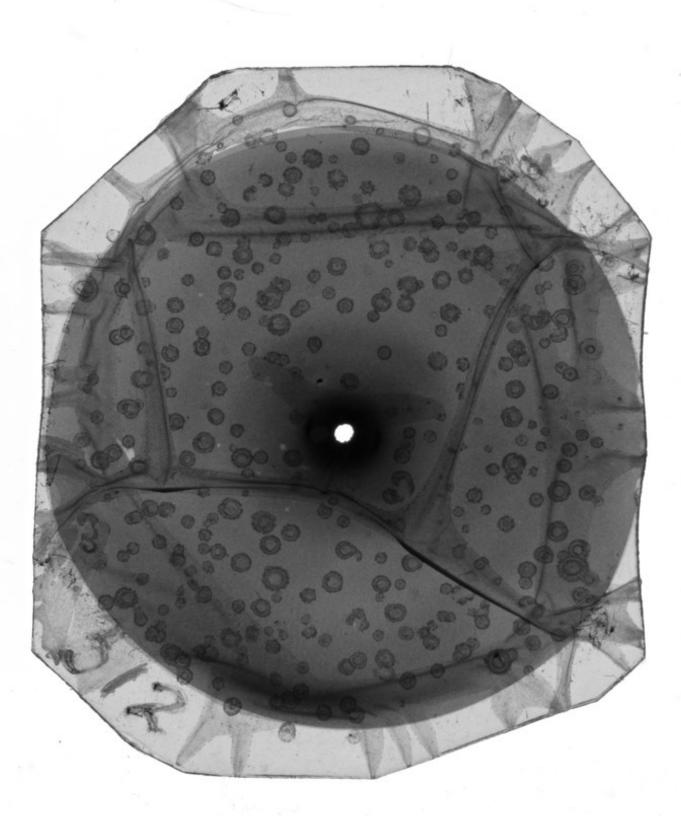




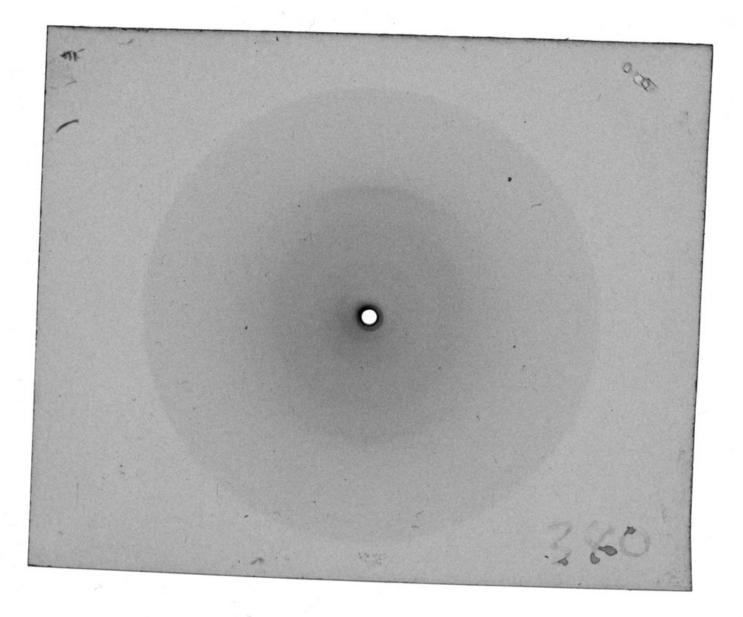
No. 253 t.ppl [transforming principle](with RNA)



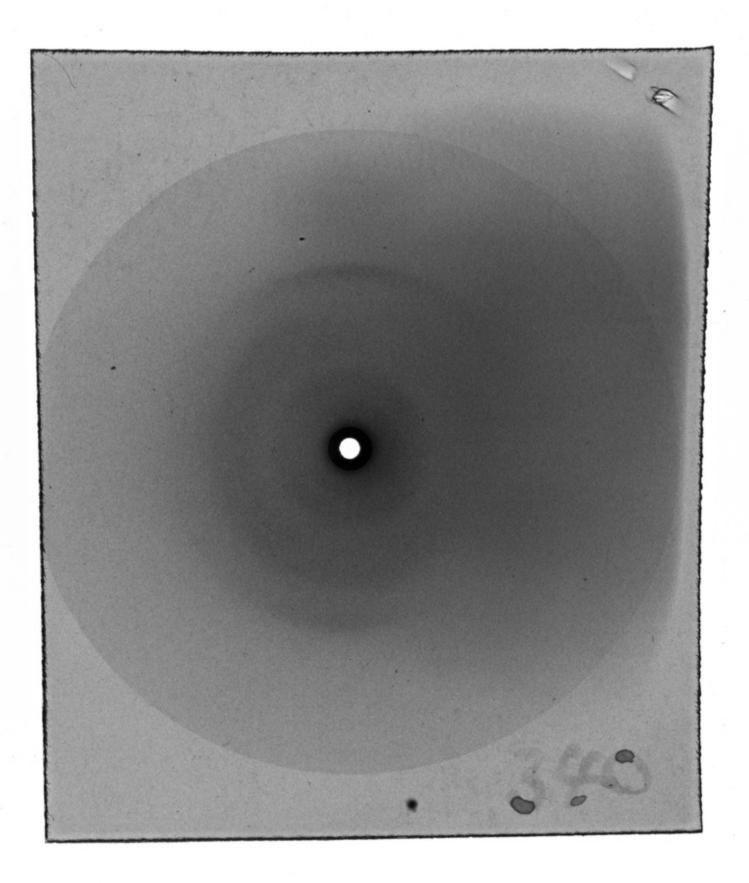


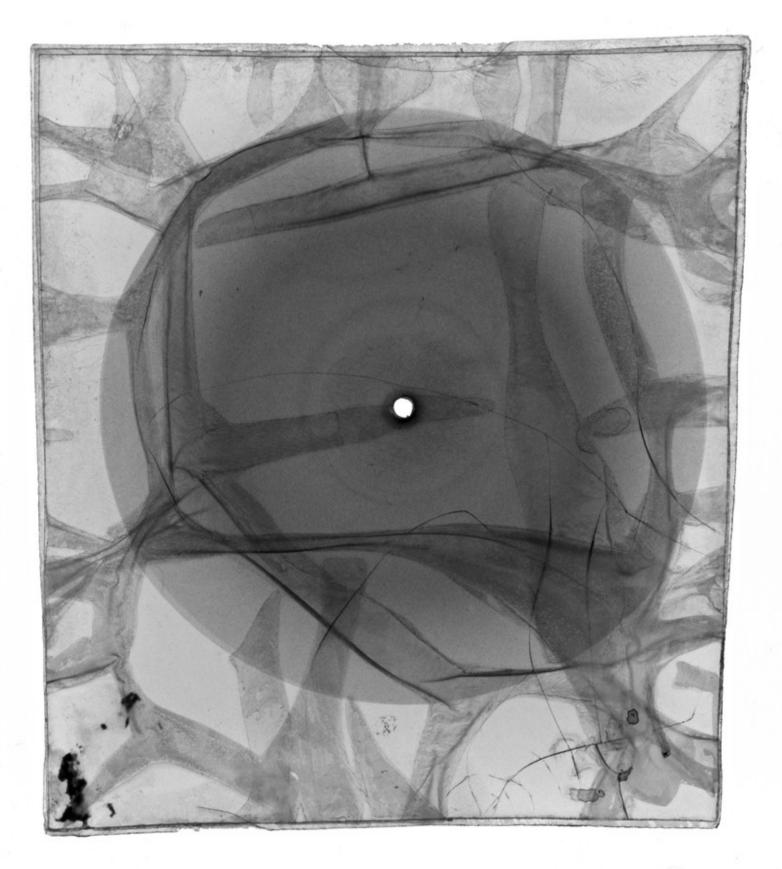


TR-RStr-5 (with RNA) 92% R.H. [relative humidity] 312

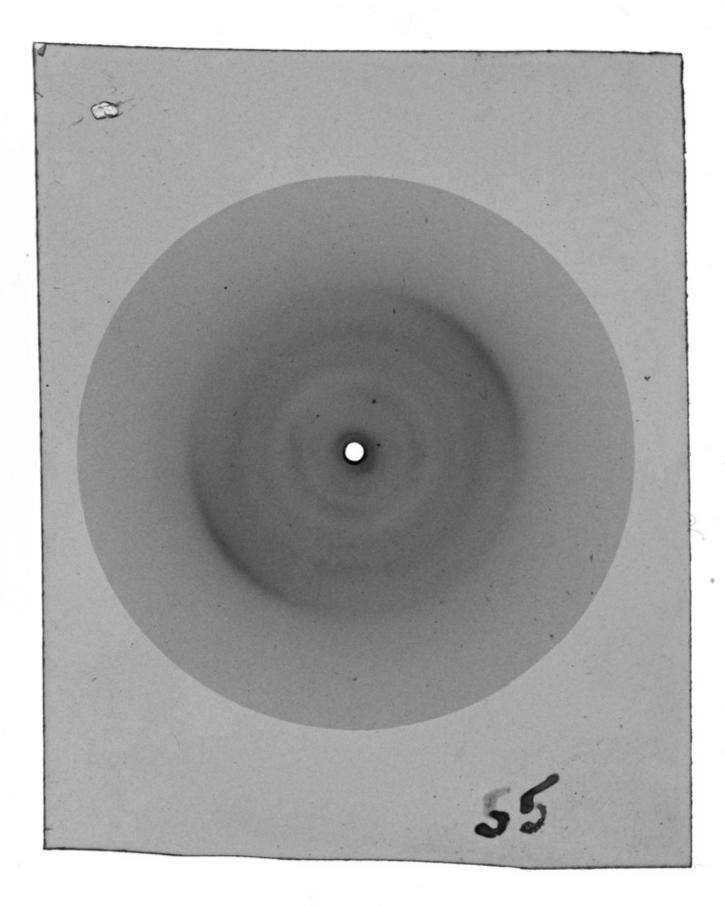


H7 RNase treated 340

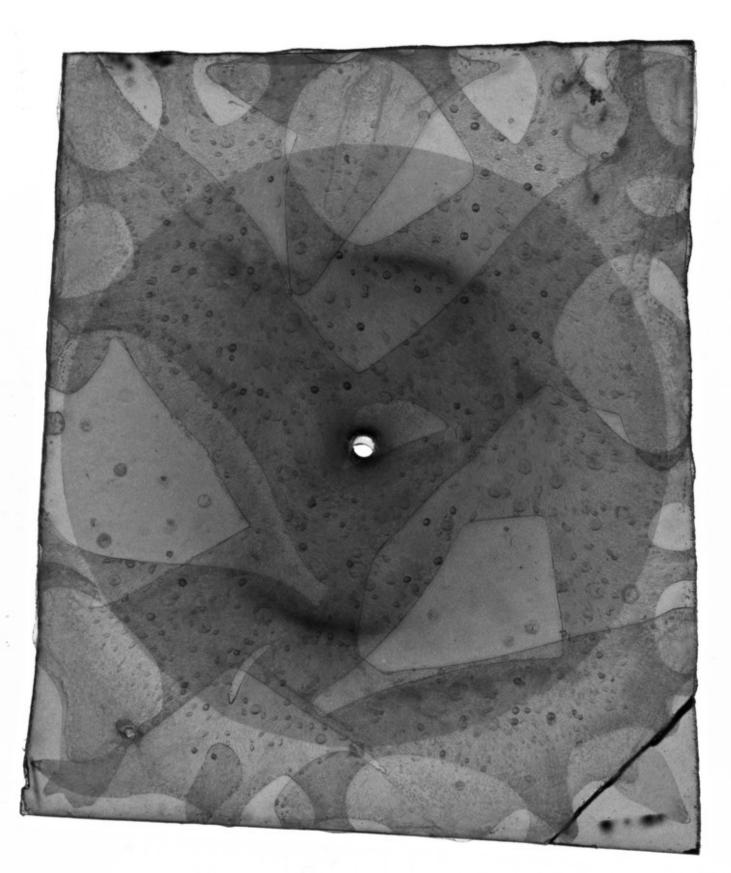




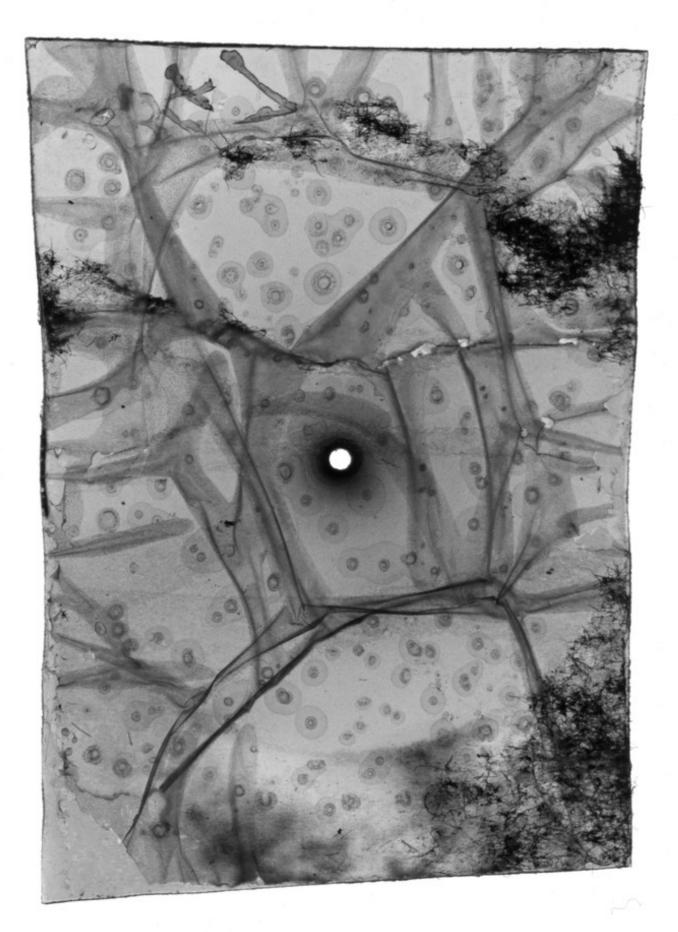
256 TP-R Str5 with RNase



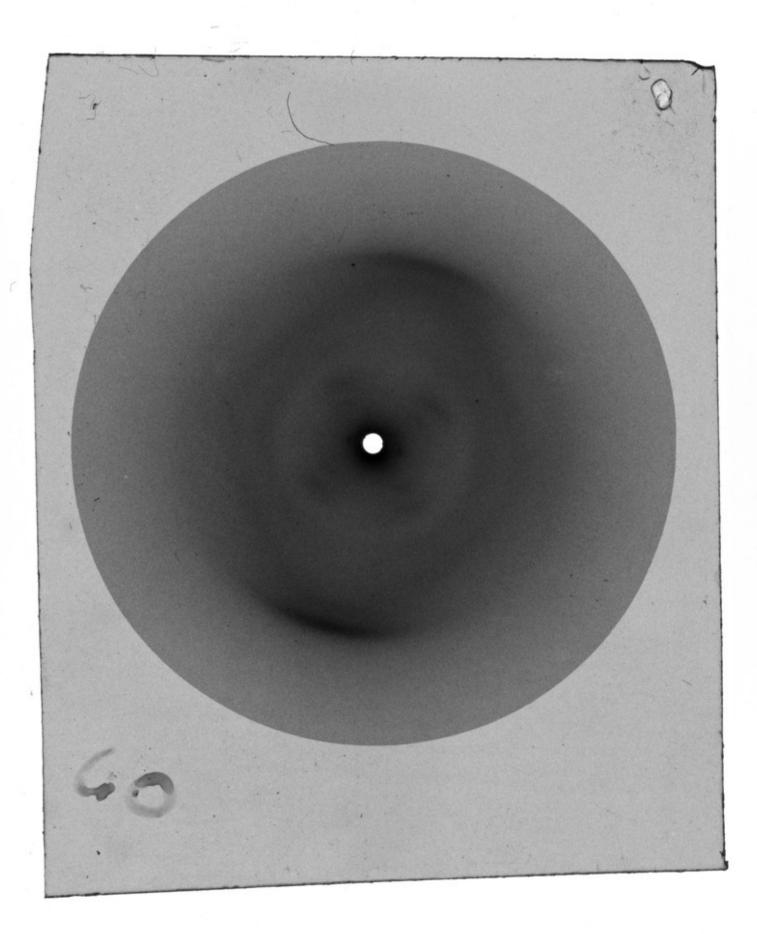
Film No 55 t.ppl. [transforming principle] 12/48

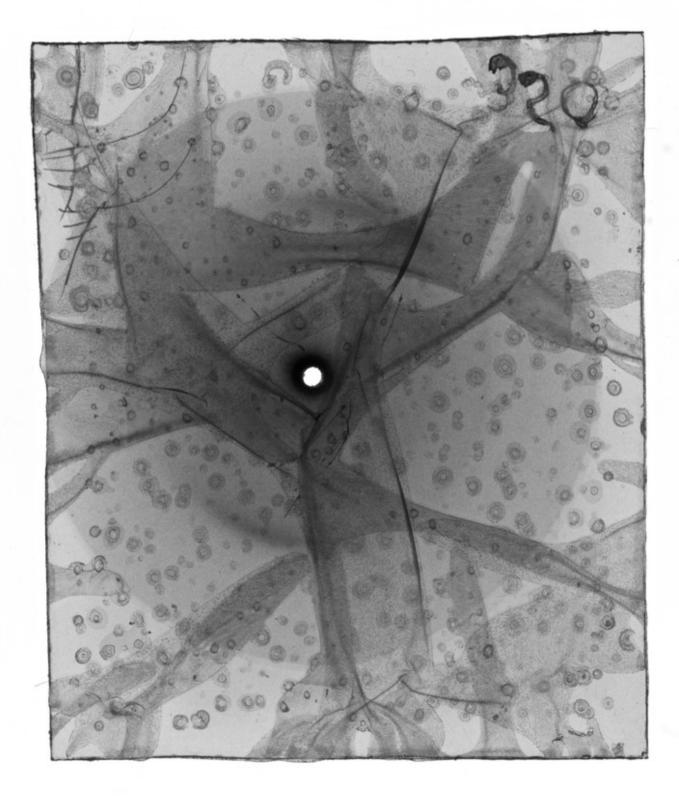


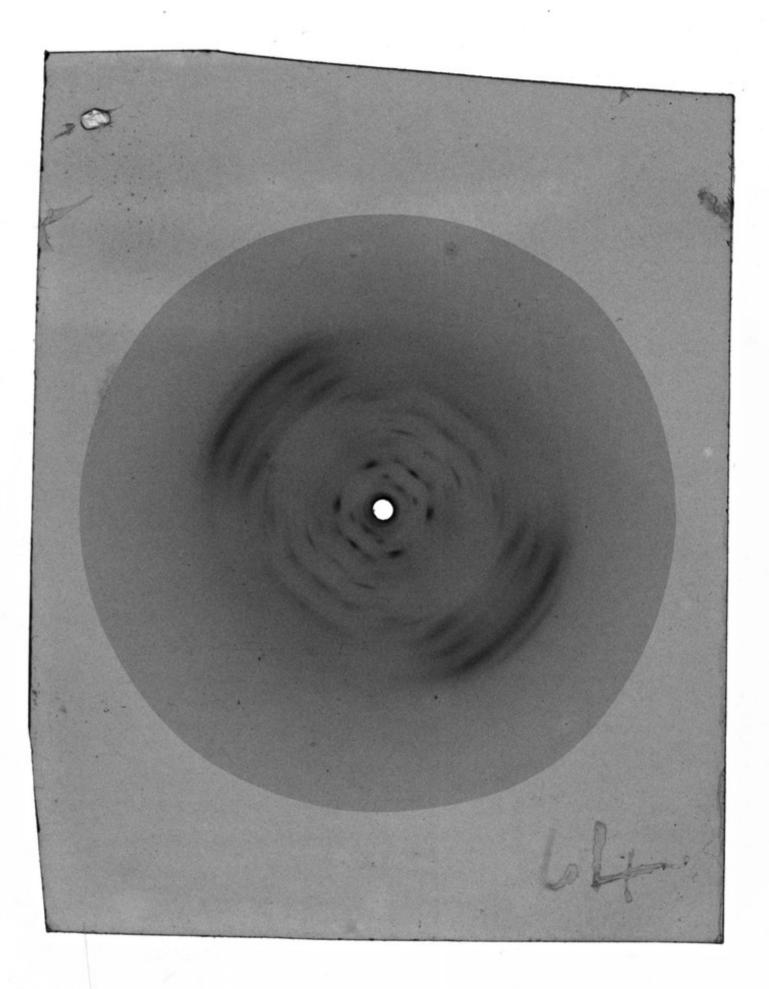
Film No 55 t.ppl. [transforming principle] 12/48



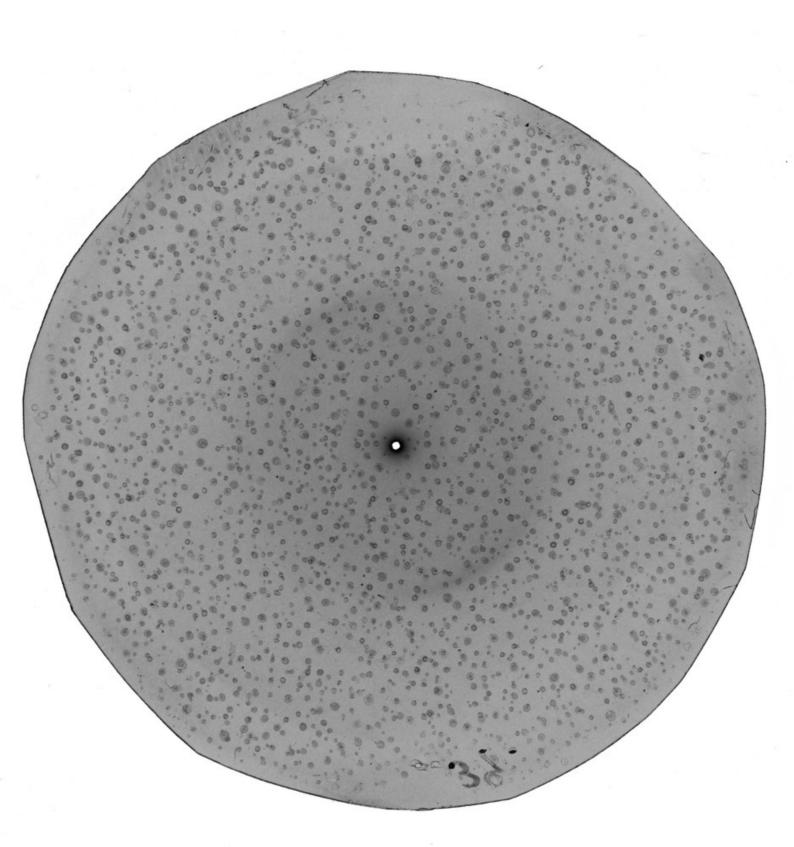
H6 at 98% R.H [relative humidity] [No.] 347



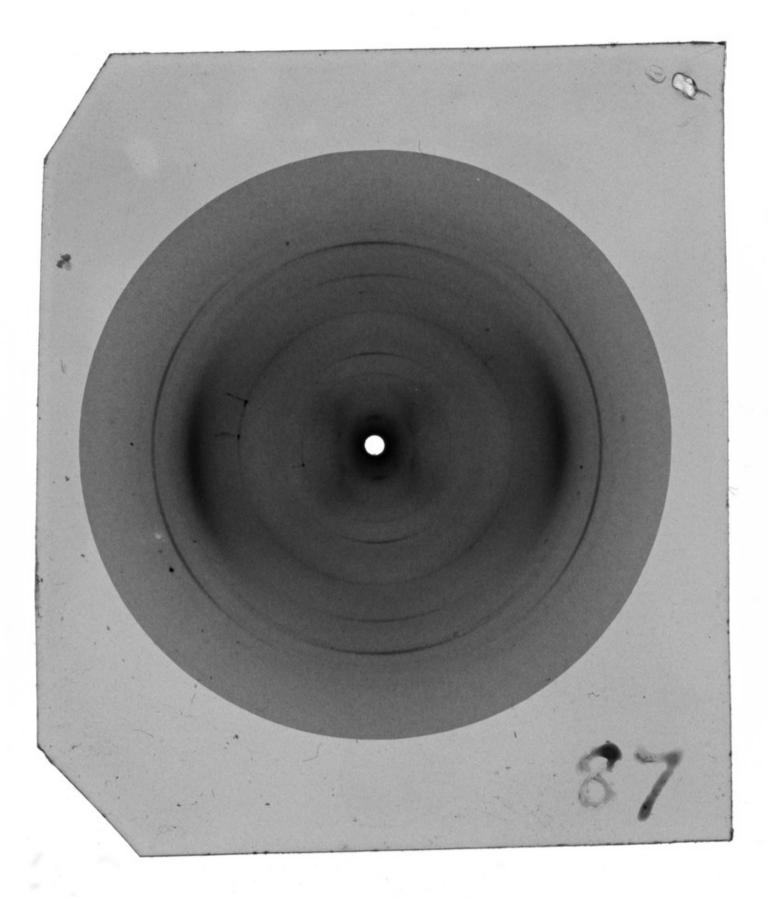




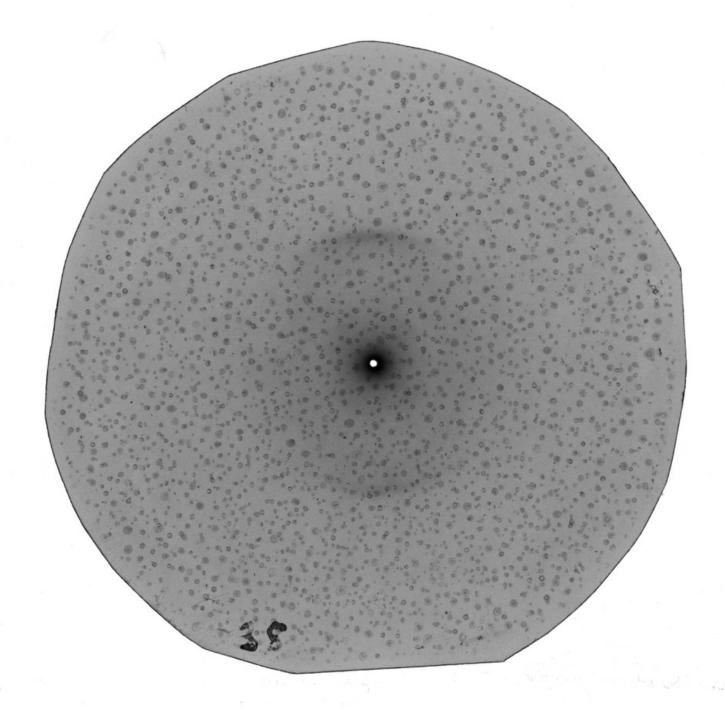
film no. 64 t.ppl [transforming principle] 27/11/49



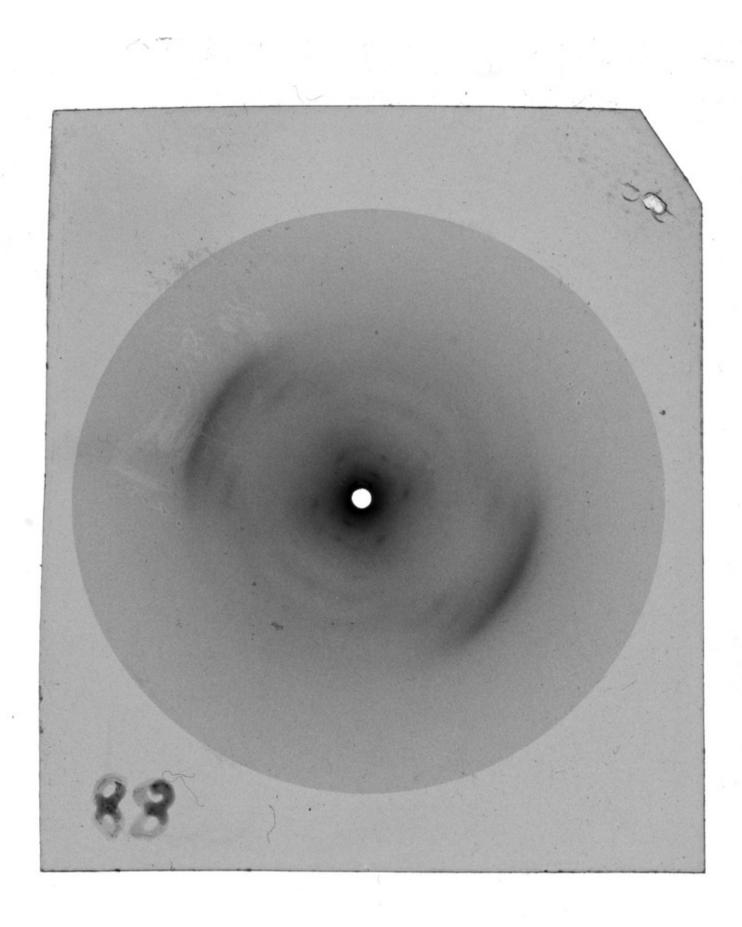
transforming ppl. [principle] 75% H [relative humidity] 4. 39

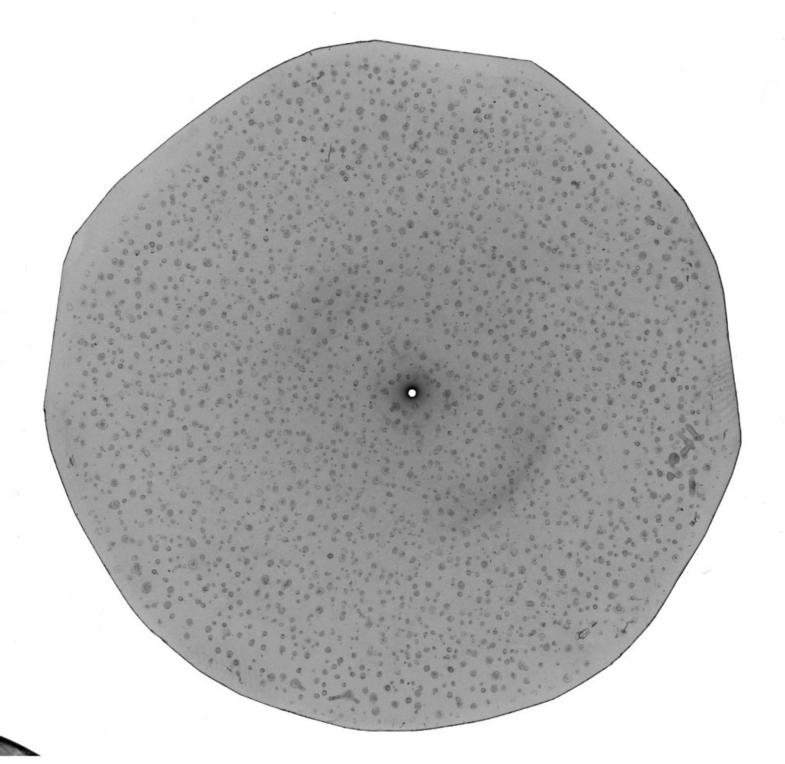


No. 87 S III - 2 - 6 Ca

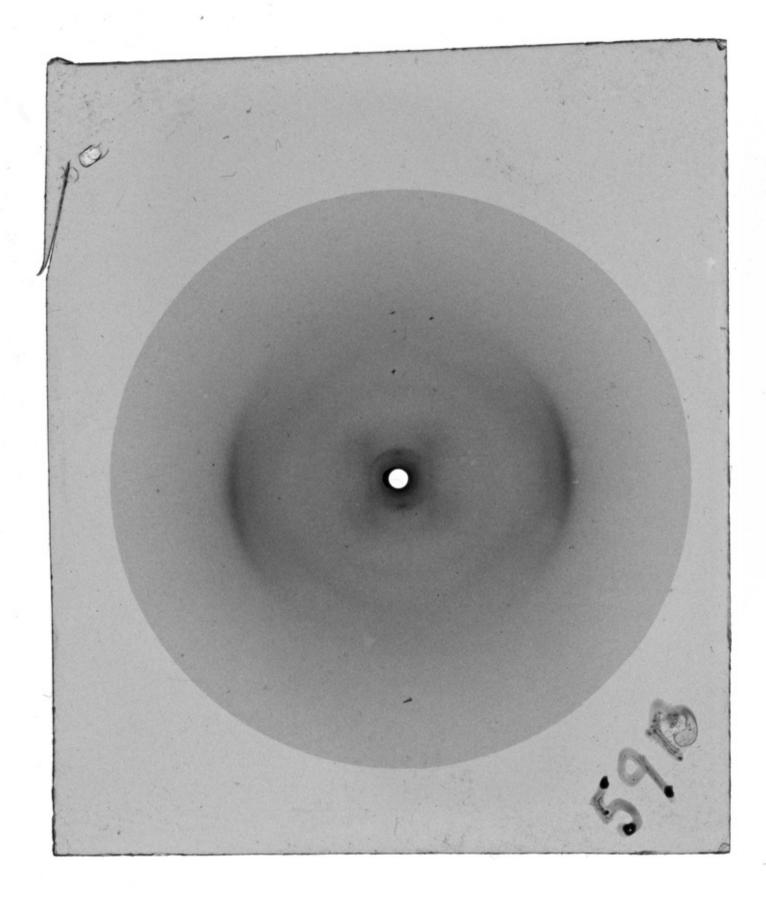


Tr.ppl. [transforming principle] 55% [relative humidity] (Na Salt) 58

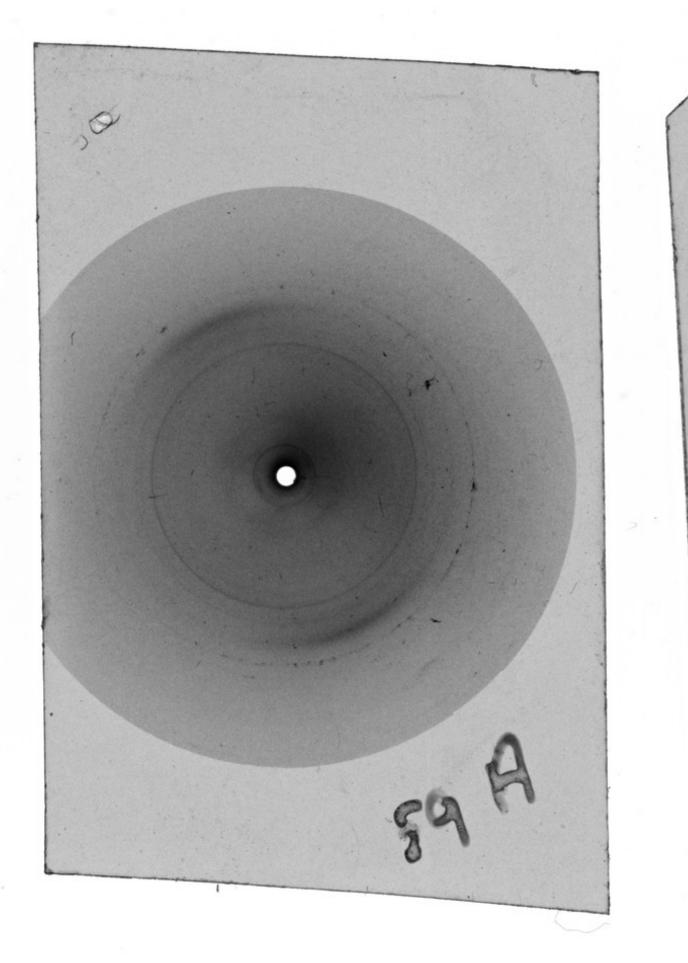




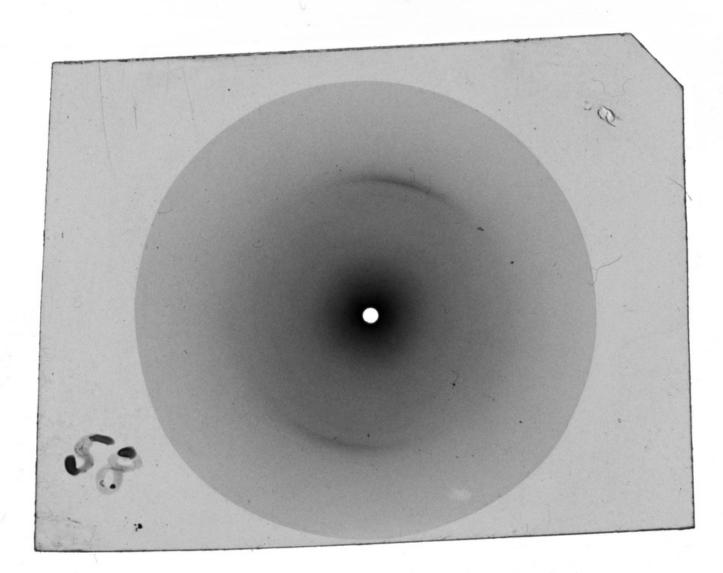
film 45 T.Ppl. [transforming principle] 27/11/49



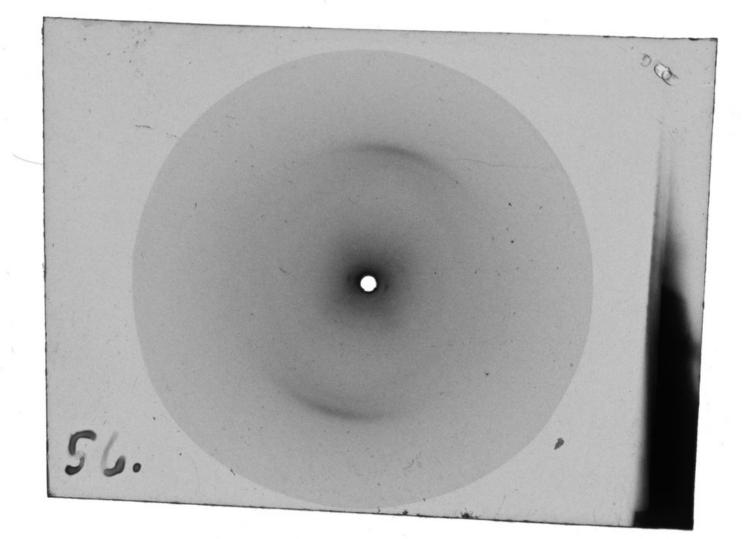
T.ppl. [transforming principle] Prior to 12/3/47 vol[ume] Dried. Film pulled after wetting



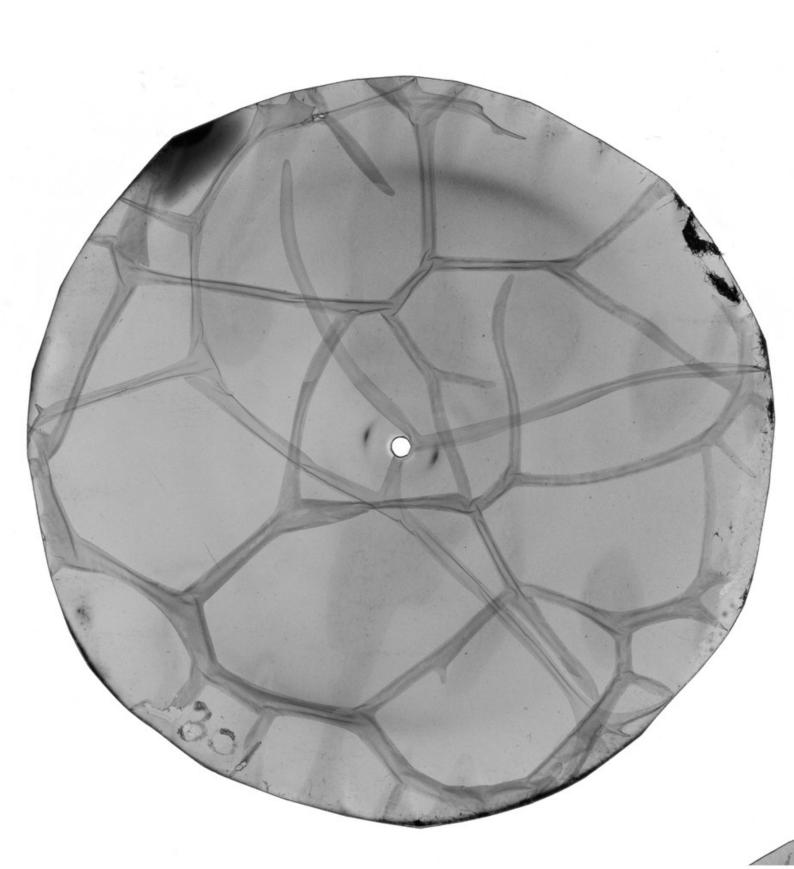
59A t.ppl. [transforming principle] Prior to 12/3/47 var dried



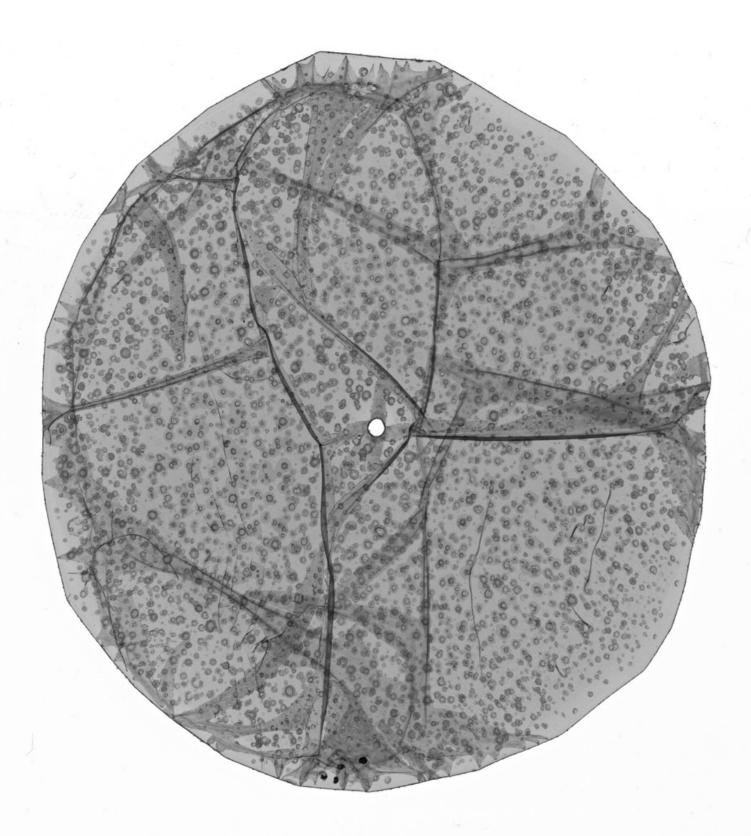
film no. 58 t.ppl. [transforming principle] 7/52



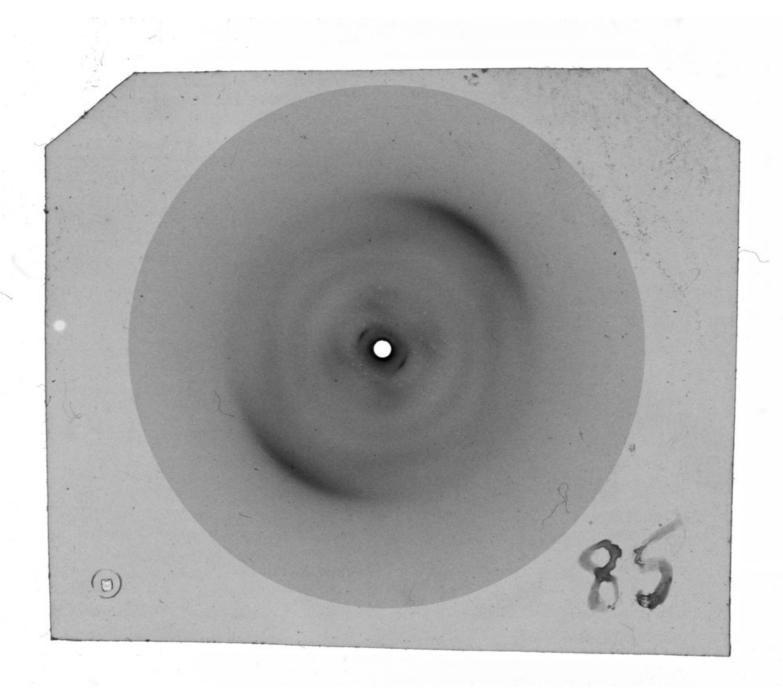
film no.56 t.ppl. [transforming principle] Prior to 12/3/47



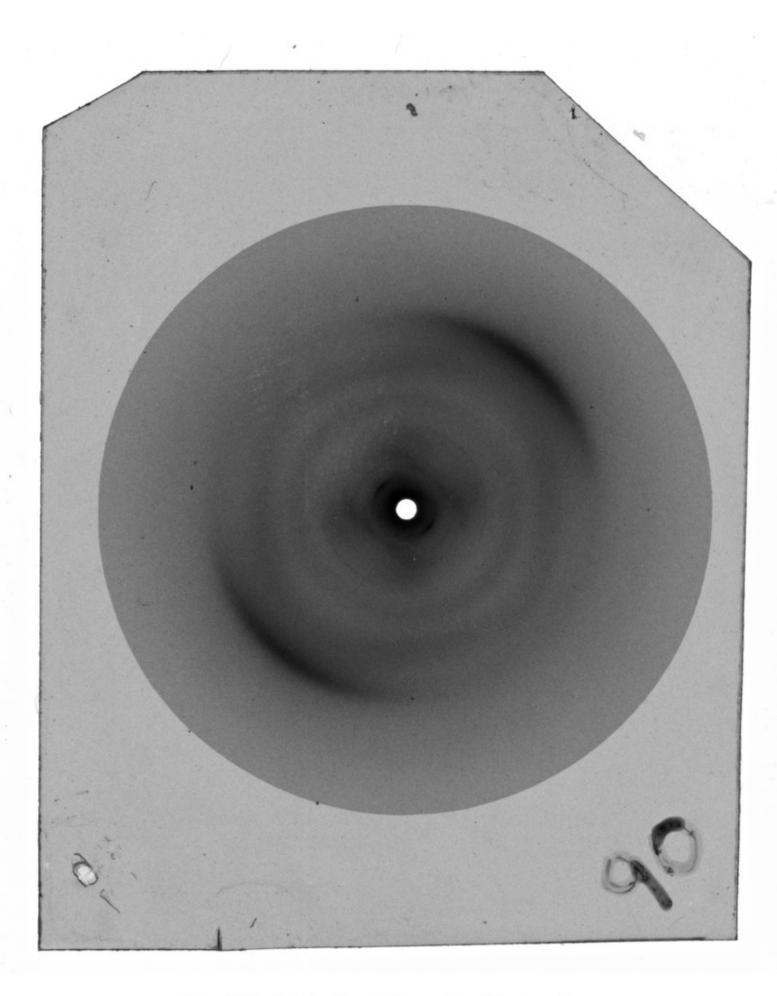
301 Tppl [transforming principle] at 92% RH [relative humidity]



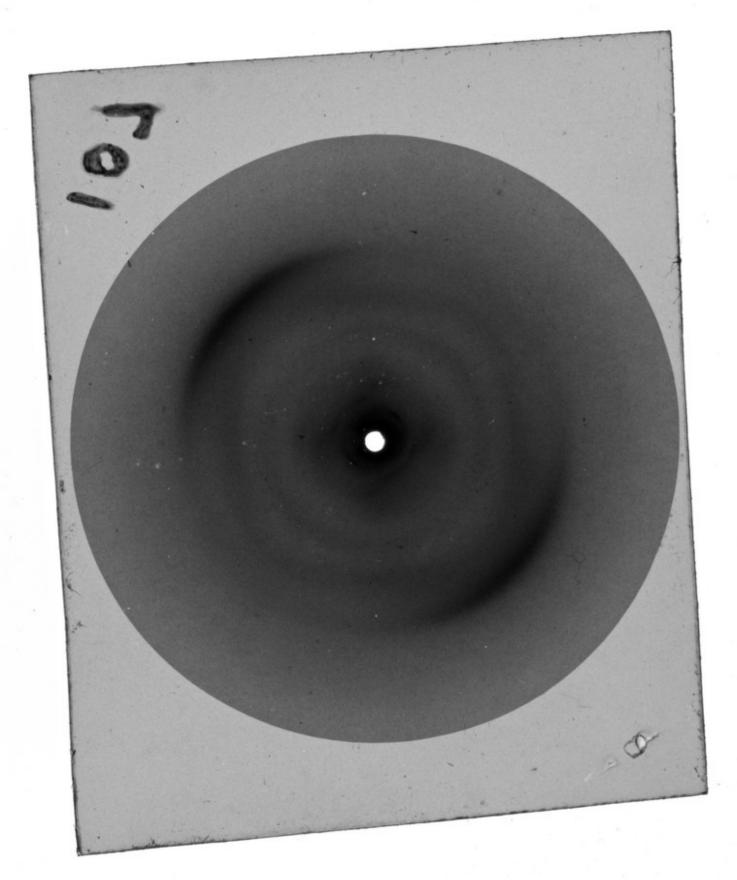
75% R.H. [relative humidity] No.298



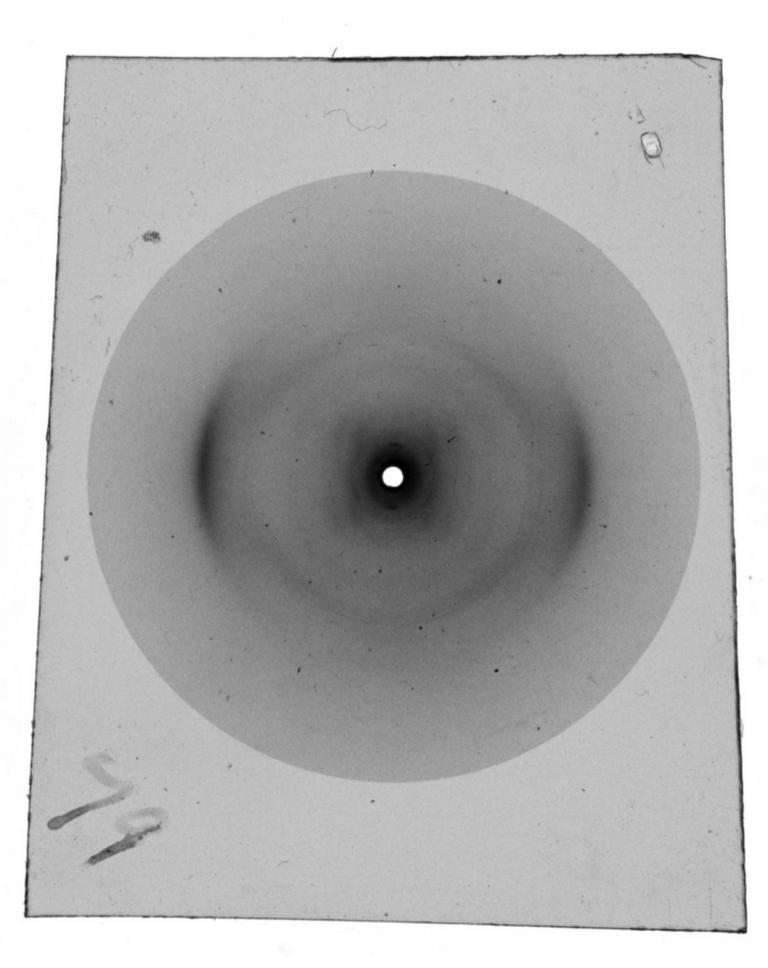
No. 5 TP-R-Str-1 Mg



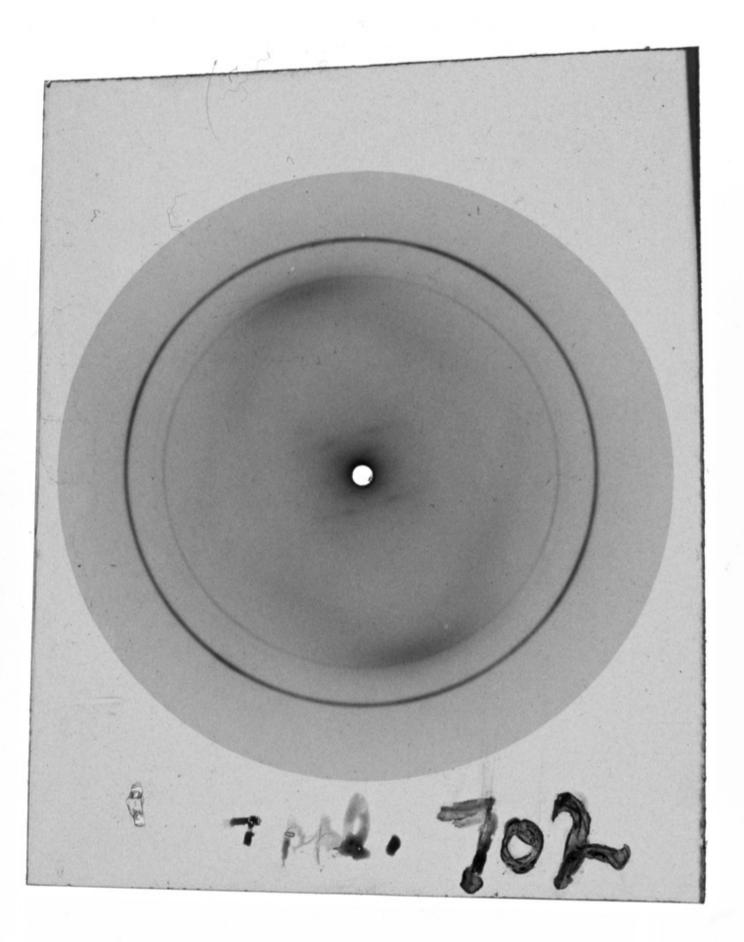
No. 9 0 S III -2 - 6 (weakly fibrona)



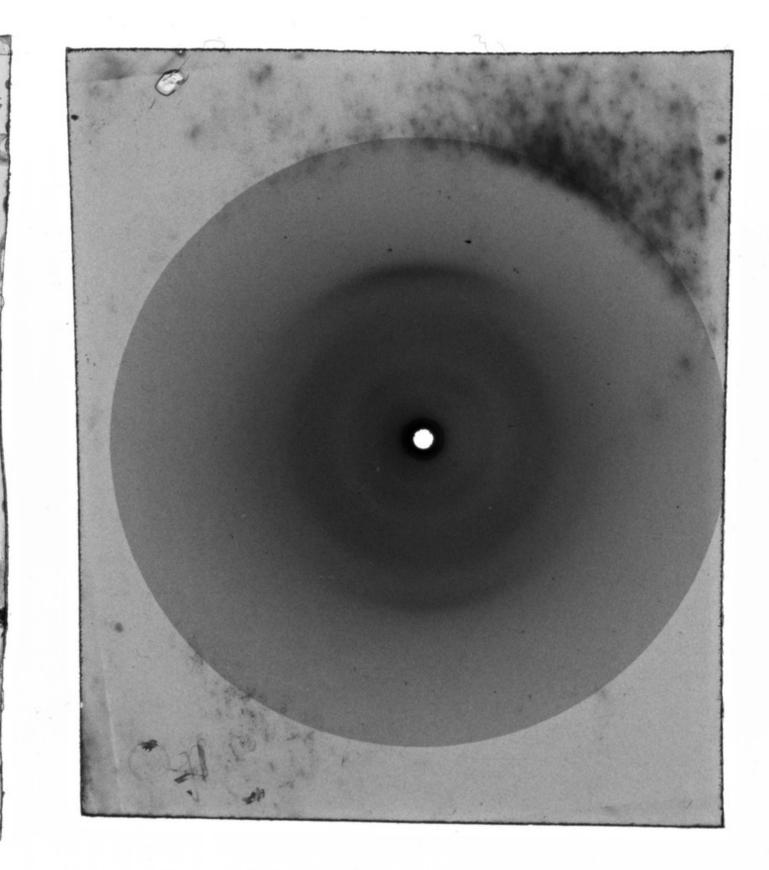
No. 107 TP-RStr -3 Sample 2. (Pine)

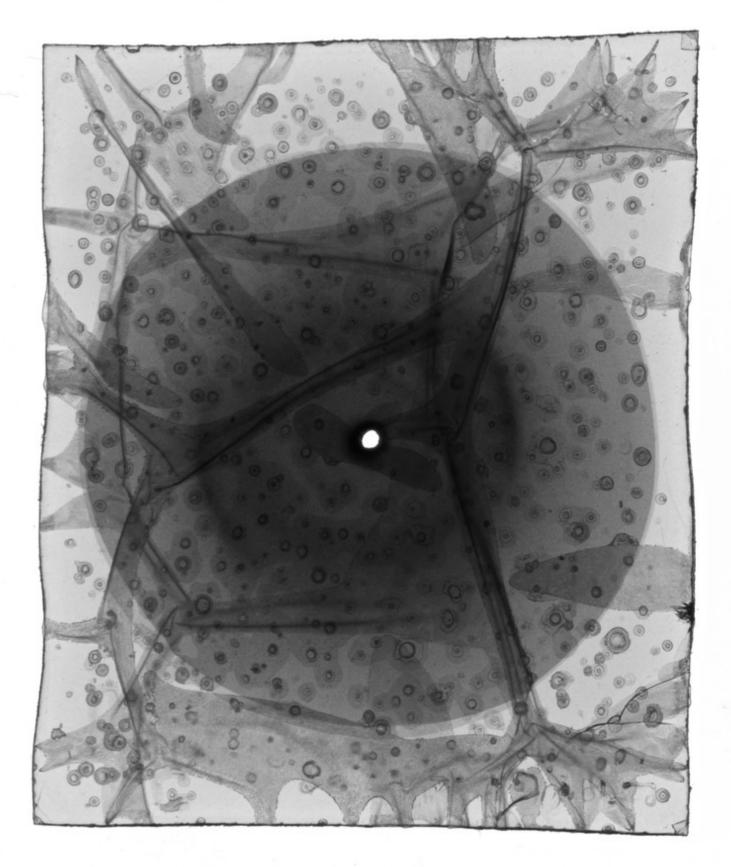


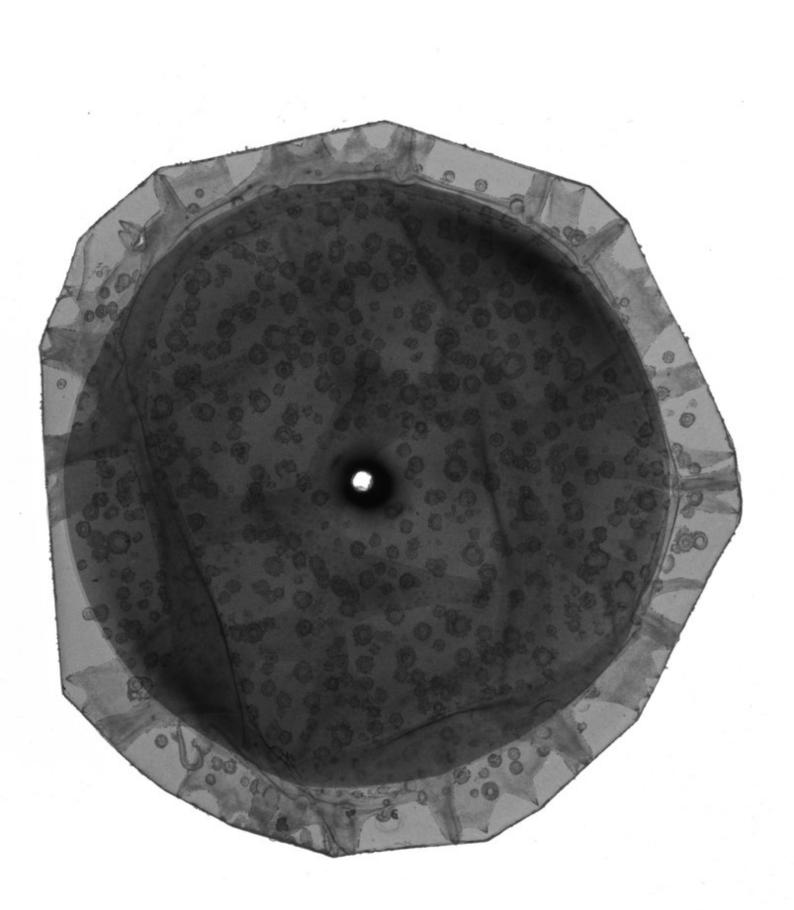
Film 79 T.ppl. [transforming principle] 3 Ca.



T.P. [transforming principle] 702

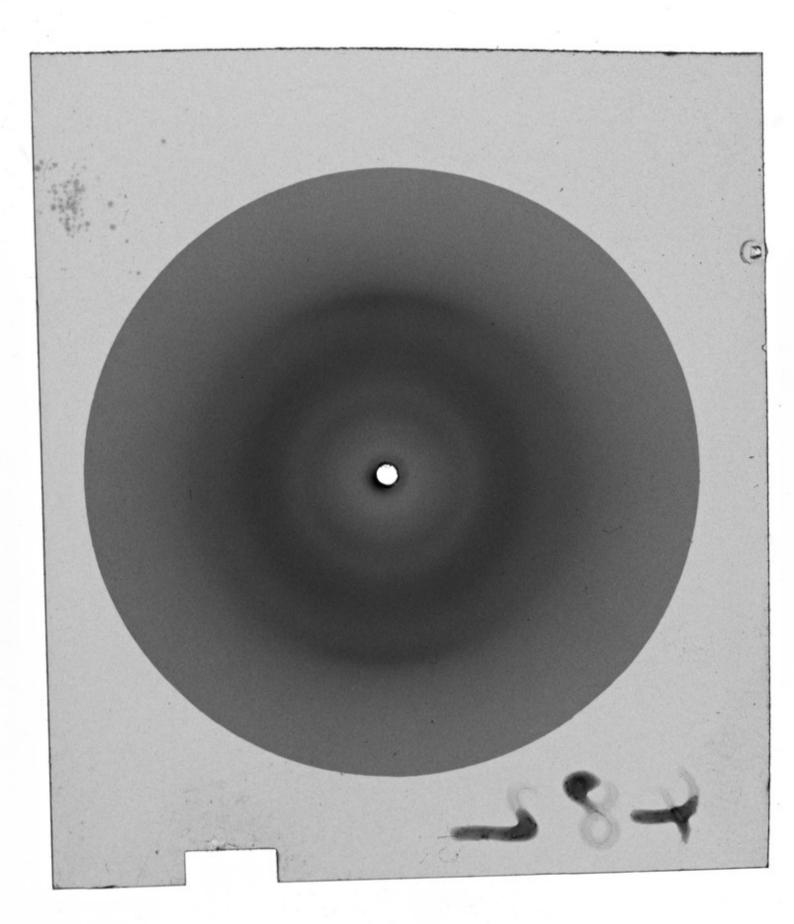




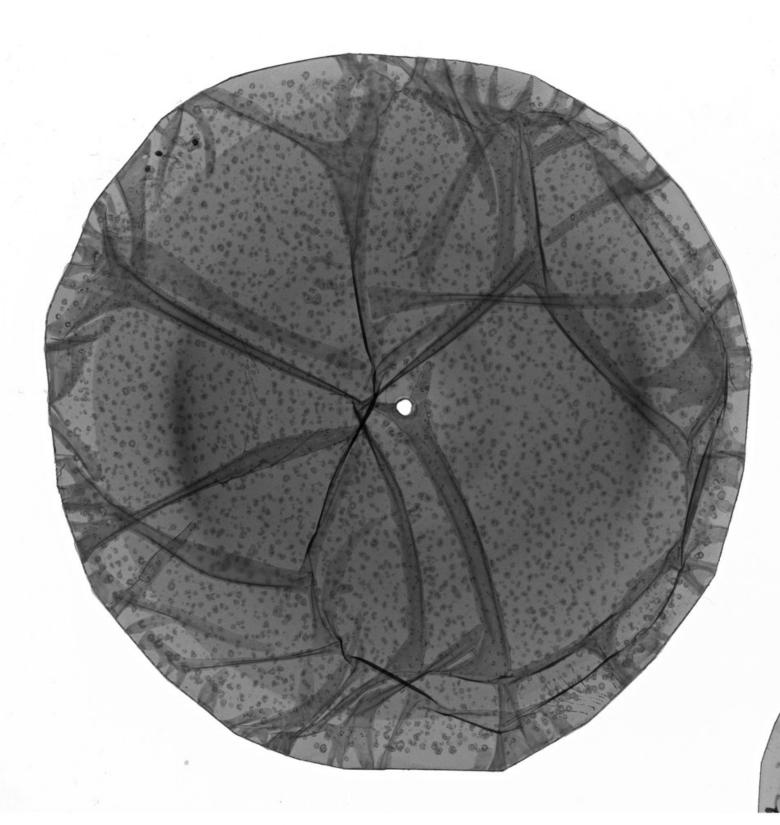


306 T Ppl [transforming principle] (with RNA)

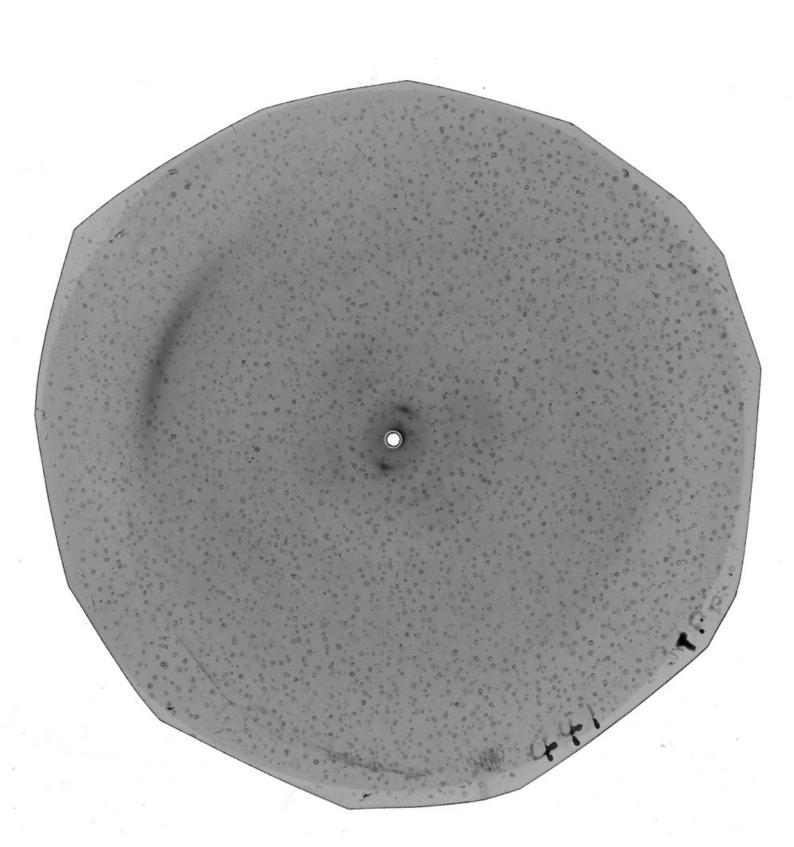
ĵ



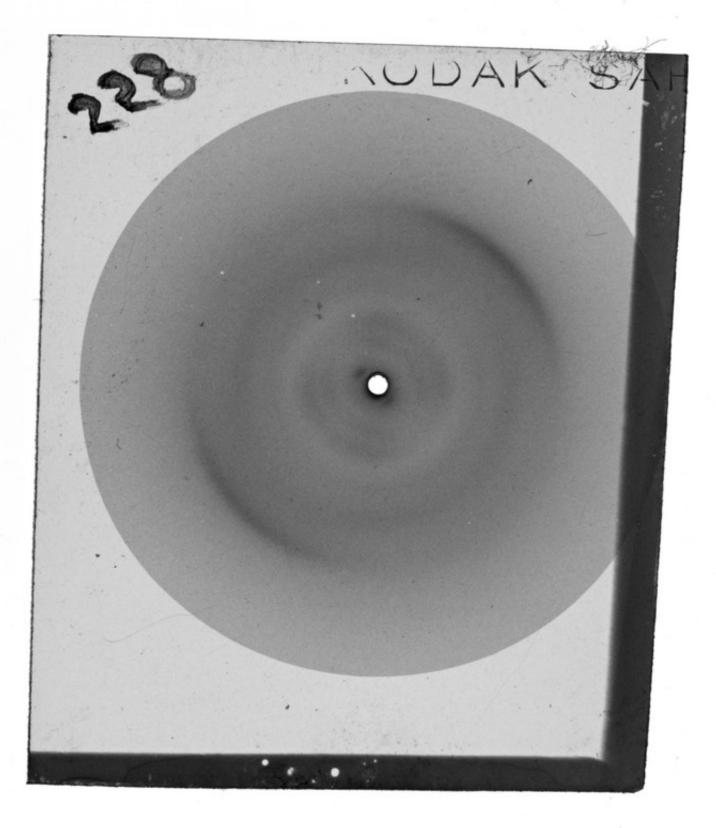
482 Tppl [transforming principle] TP-Ca-1 at 75% R.H. [relative humidity]

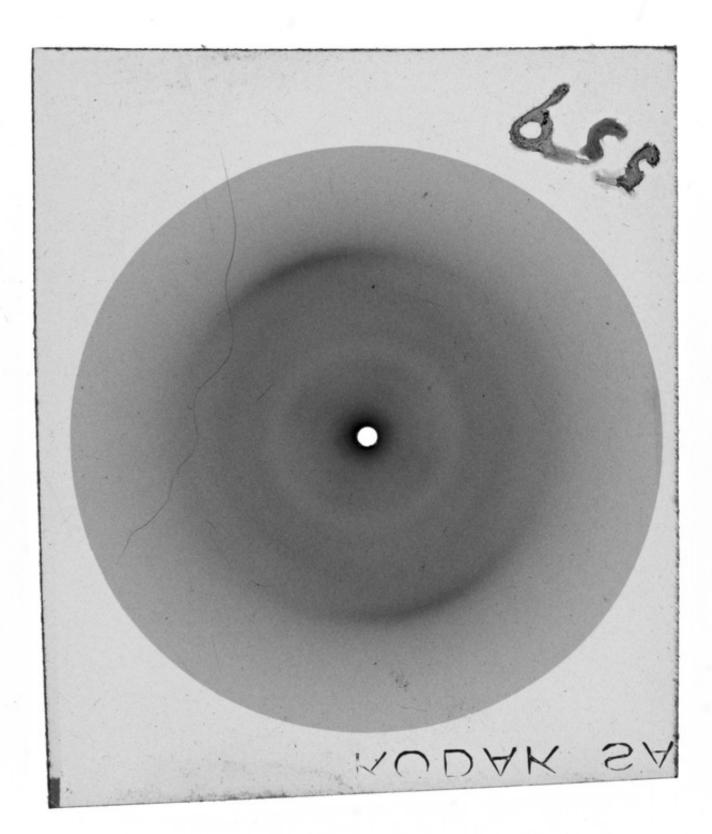


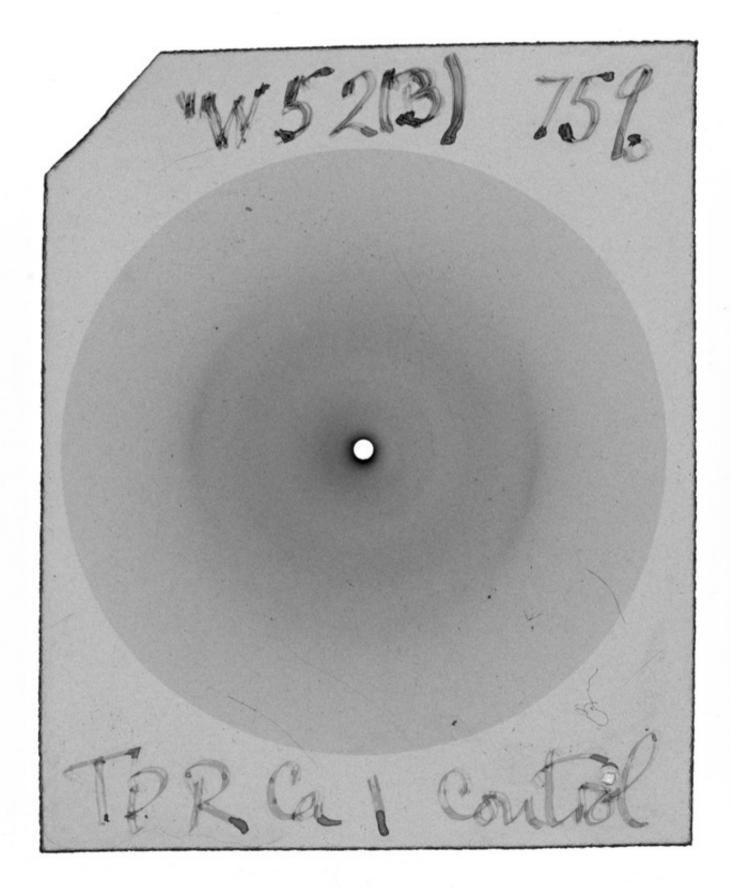
Tppl. [transforming principle] 441

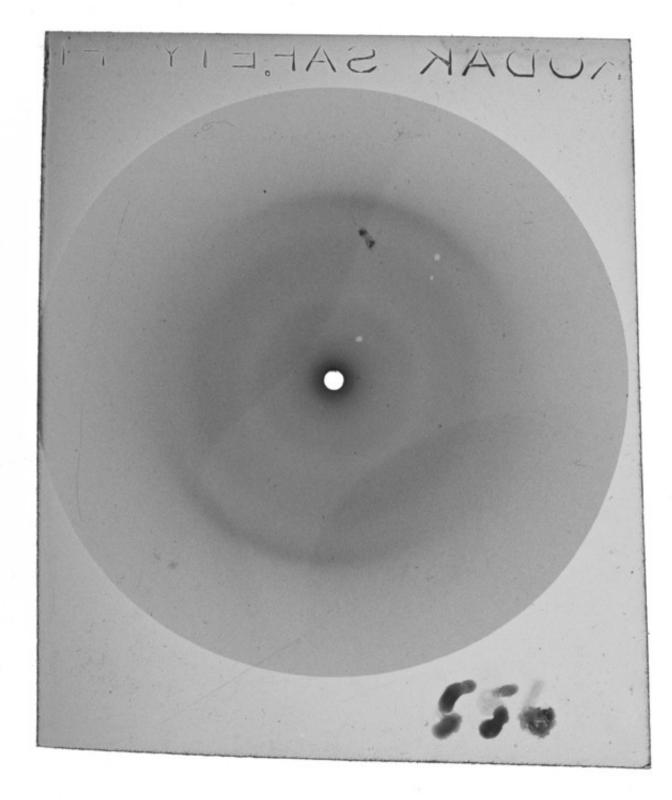


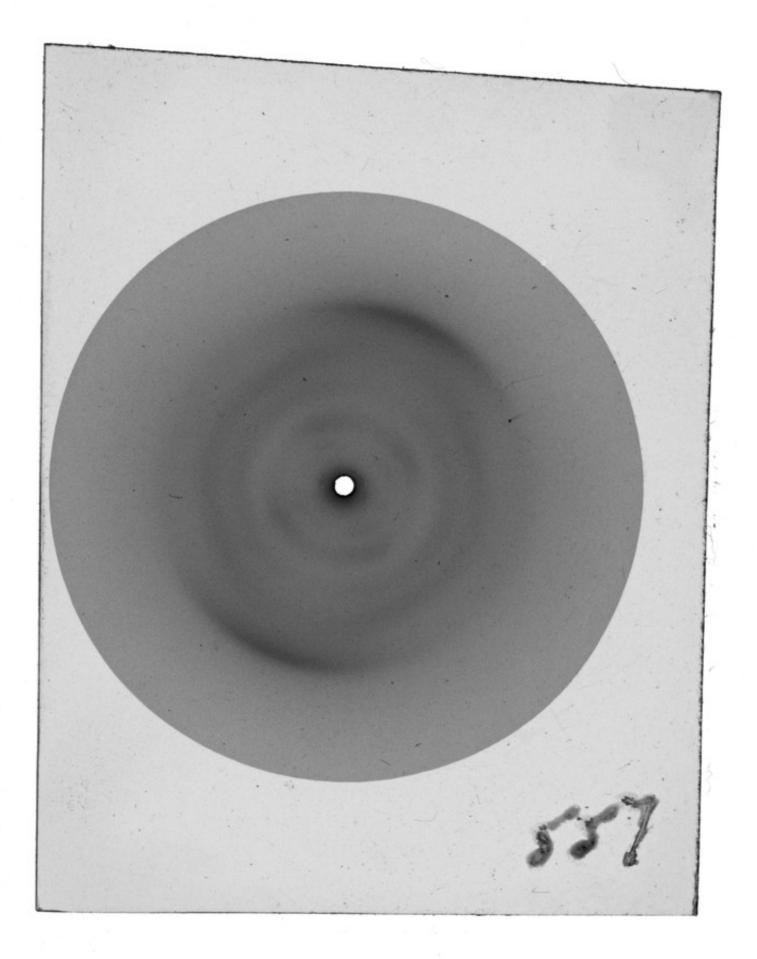
Tppl. [transforming principle] 441

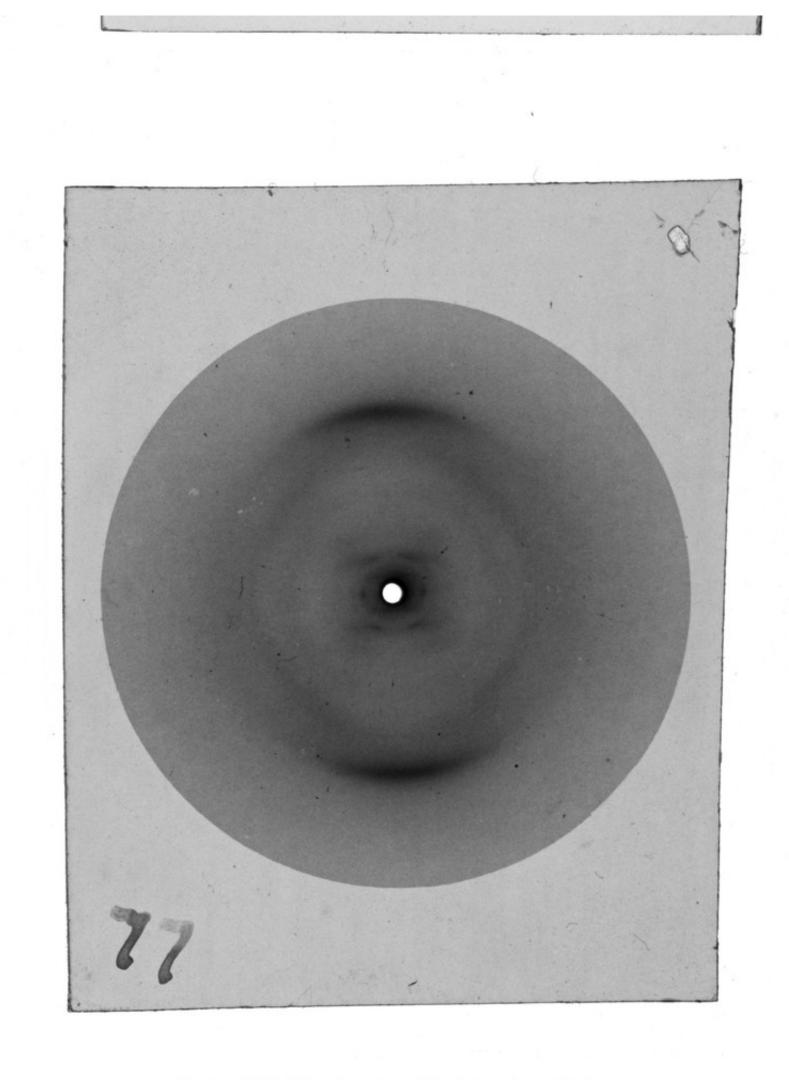




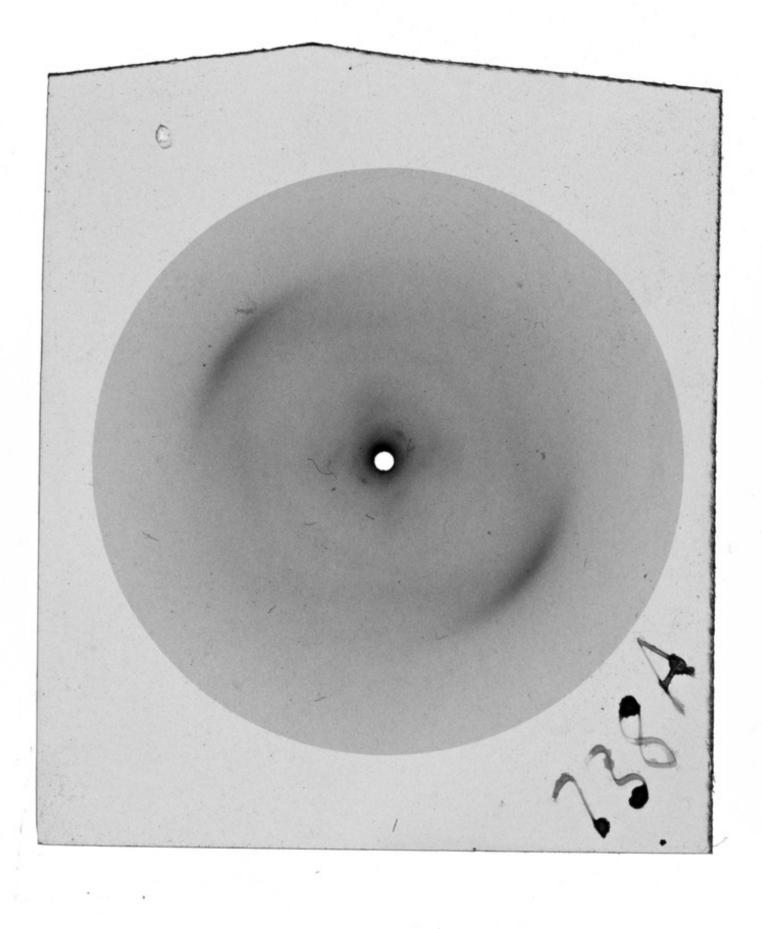


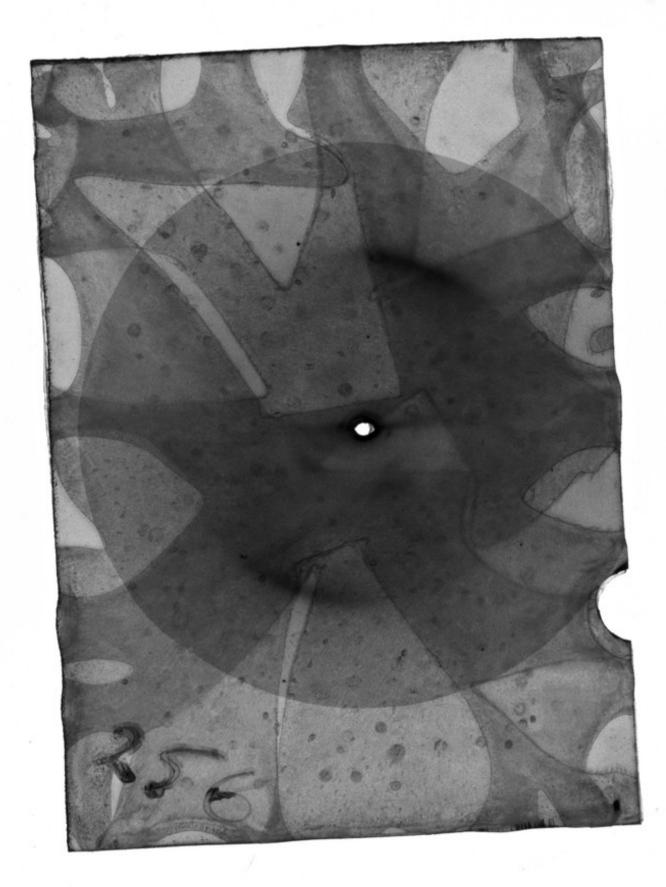


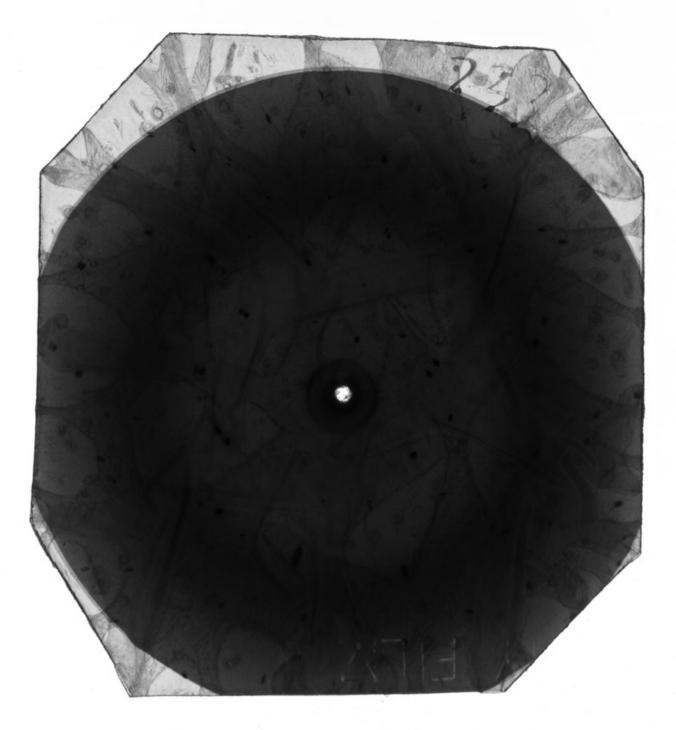


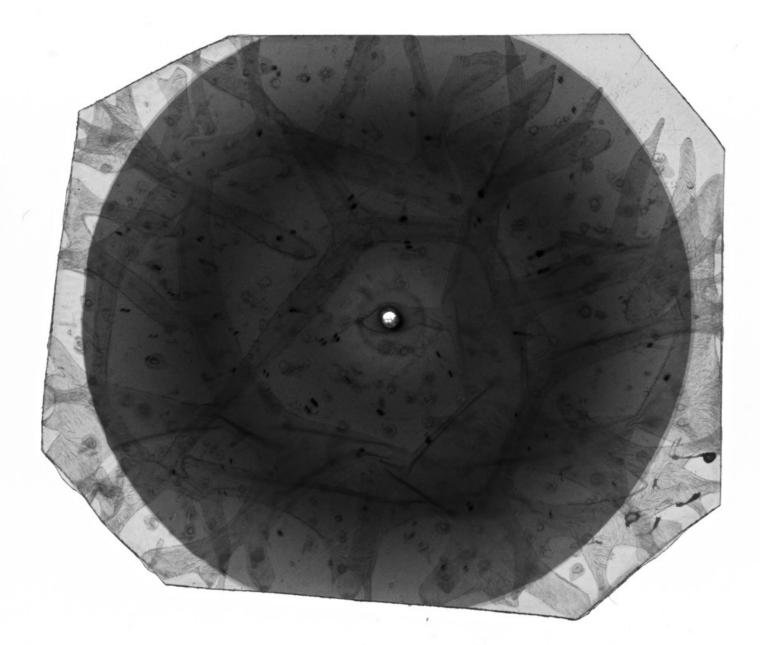


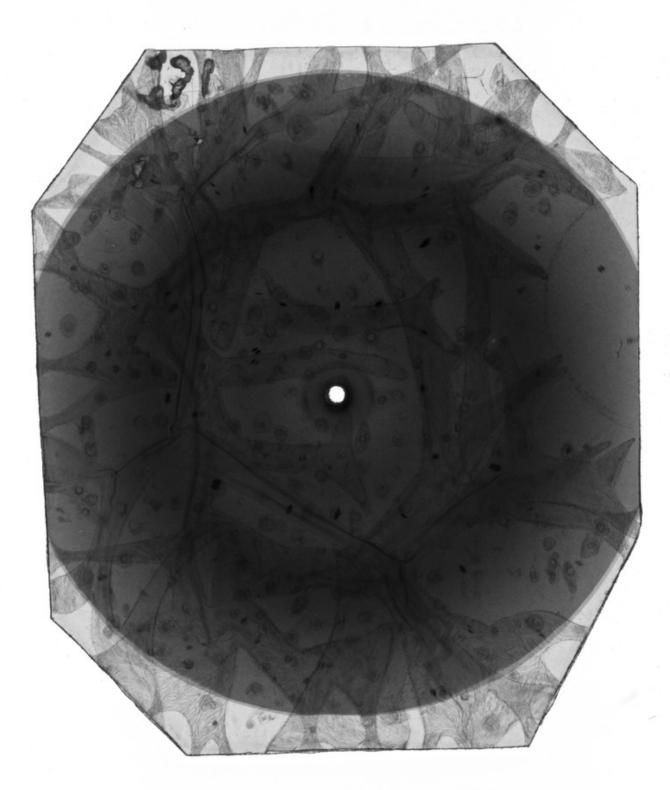
No.77 T PR-Sh-1 Ca 75% H [relative humidity]

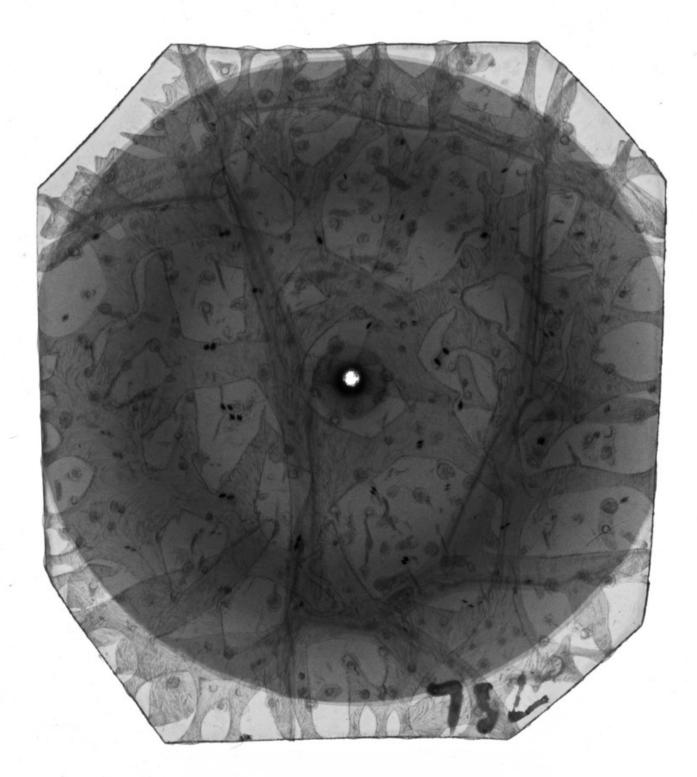


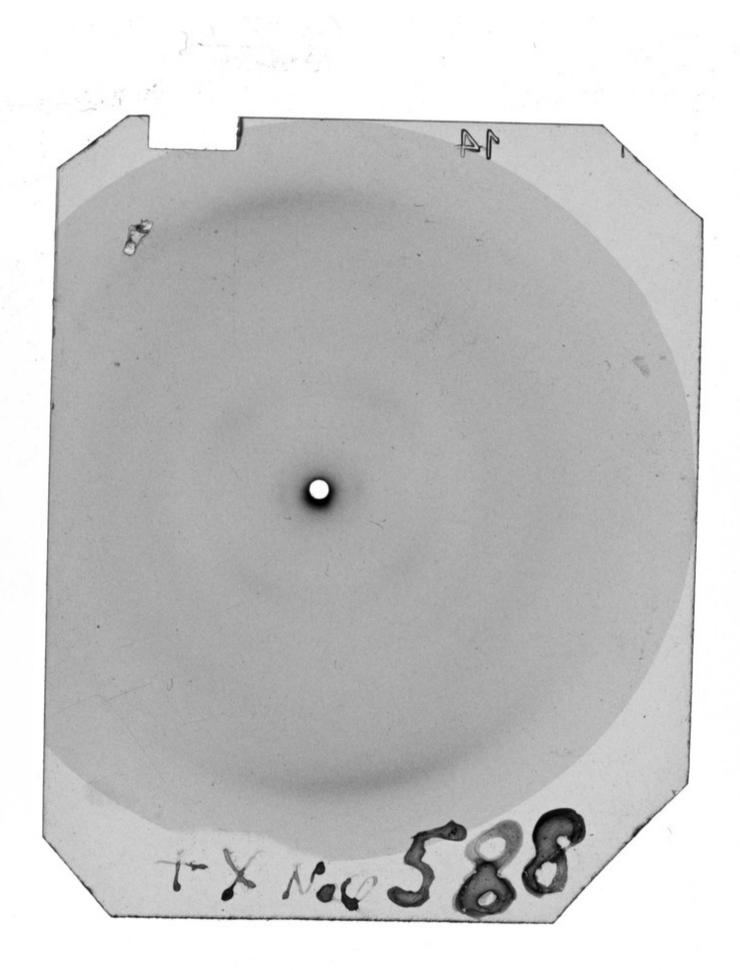




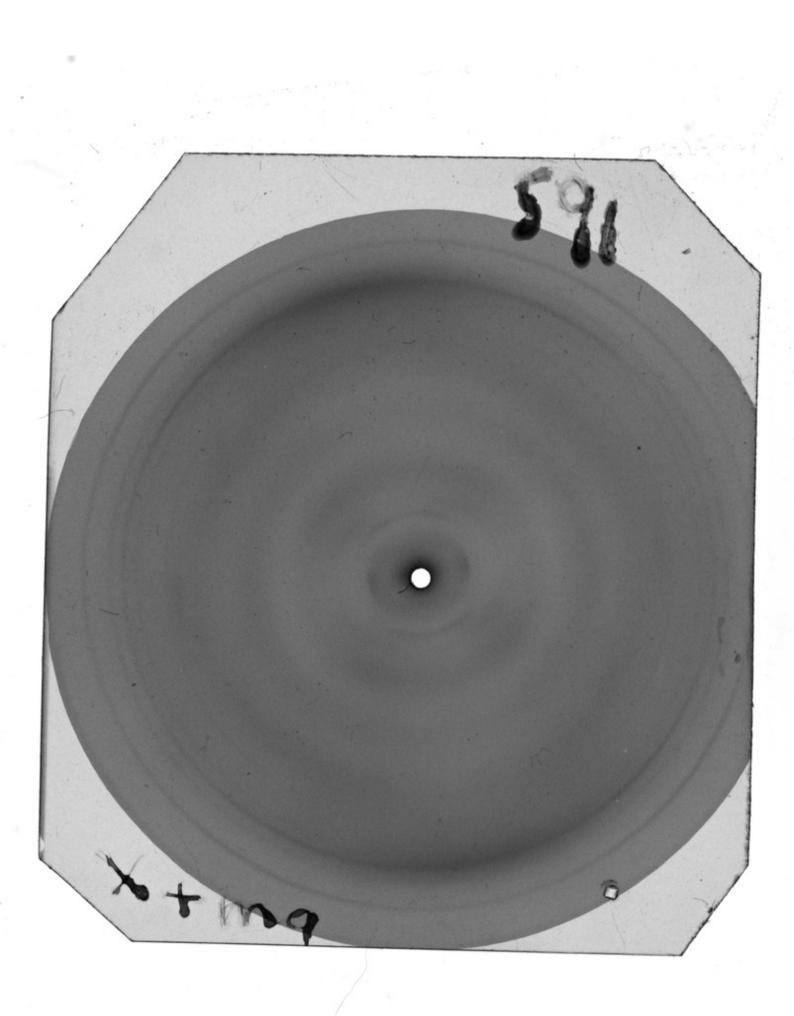




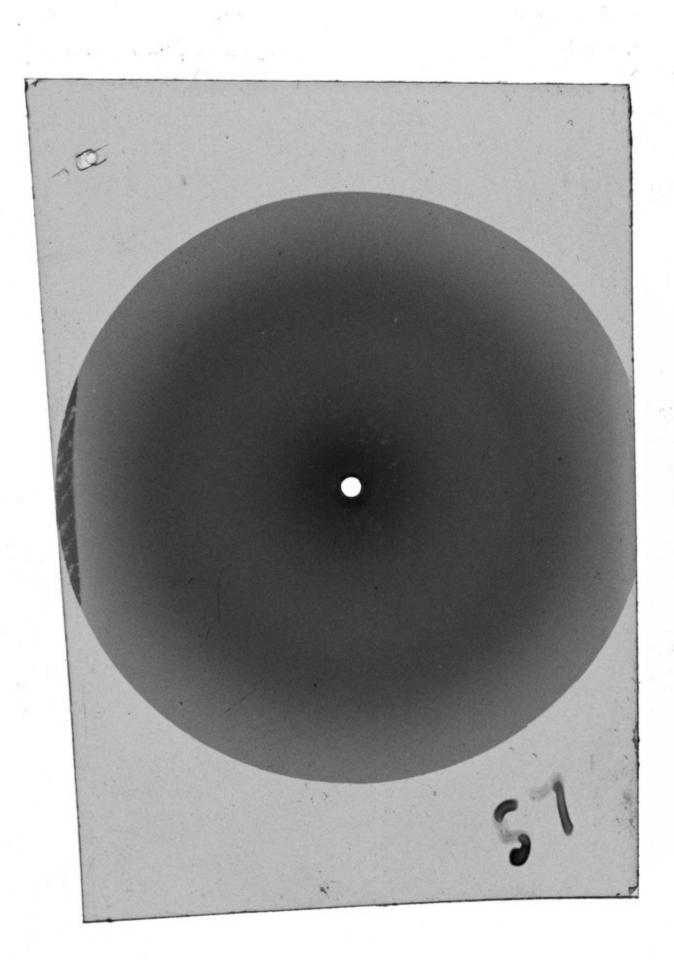




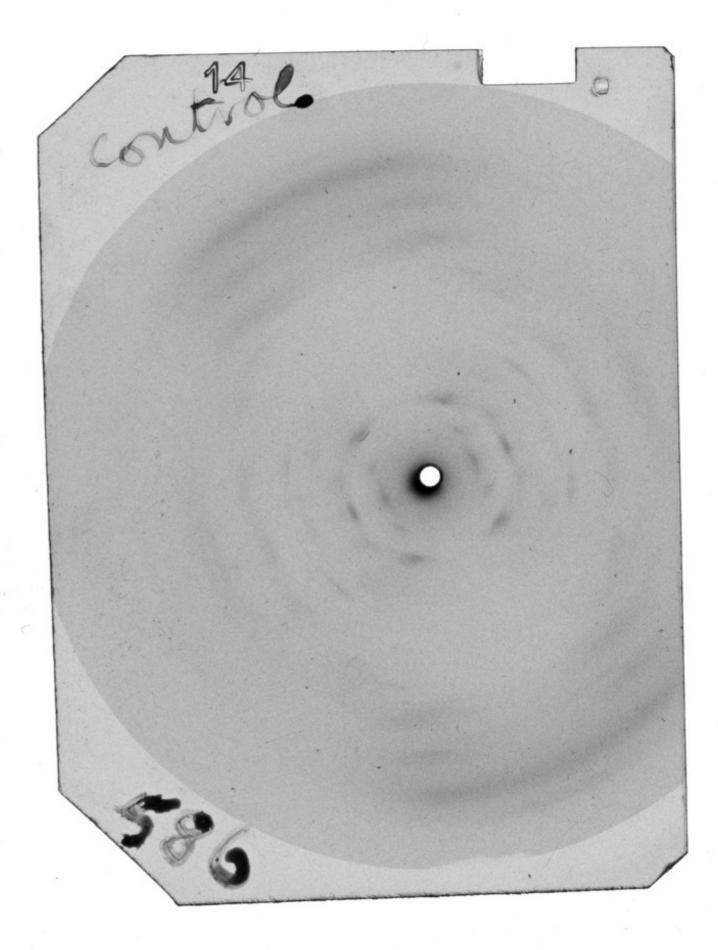
T.ppl [transforming principle] 586, 588, 591



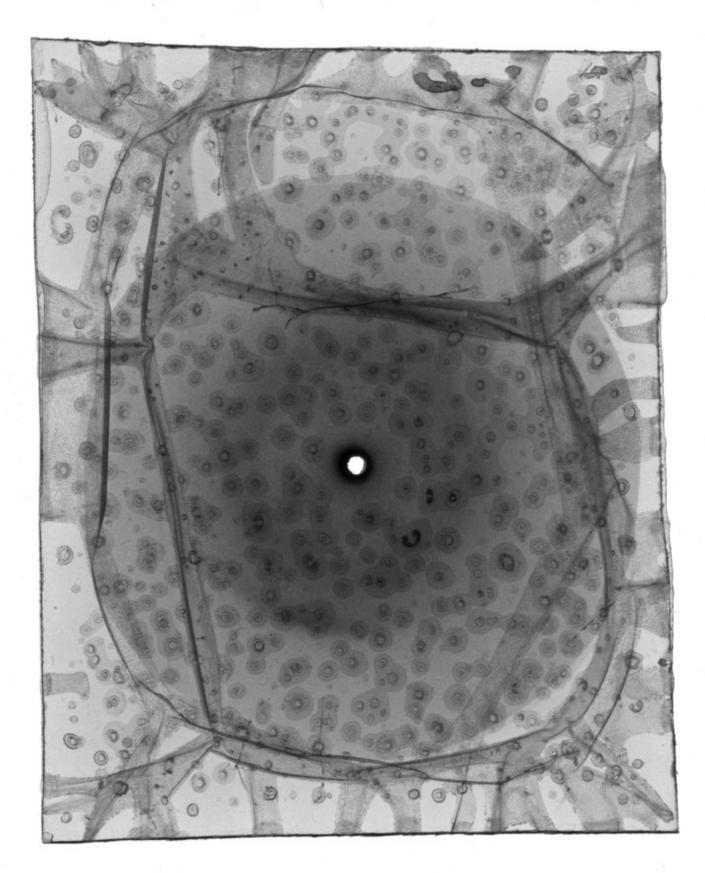
T.ppl [transforming principle] 586, 588, 591



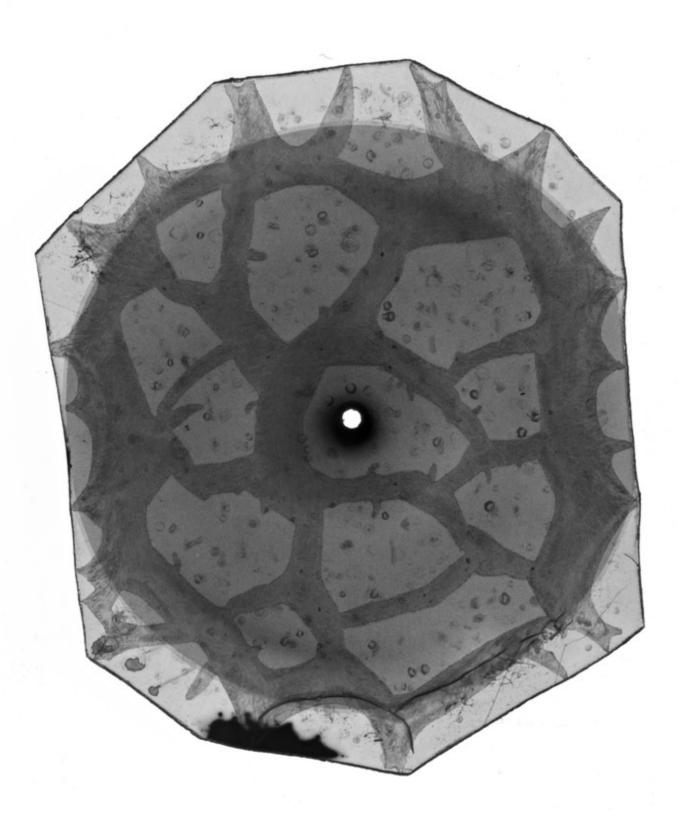
t.ppl. [transforming principle] 9.52



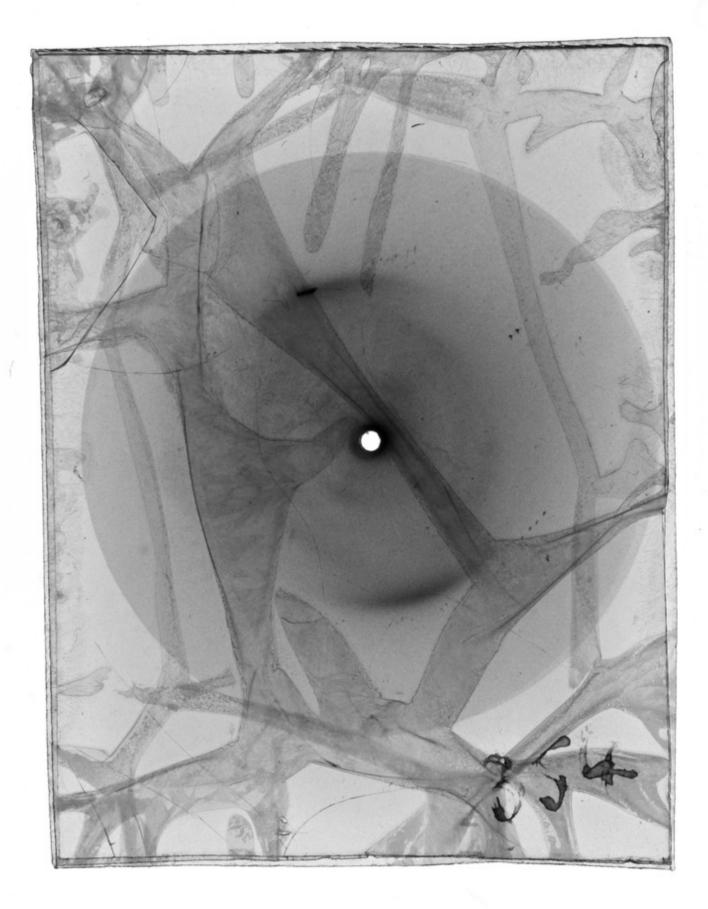
t.ppl. [transforming principle] 9.52

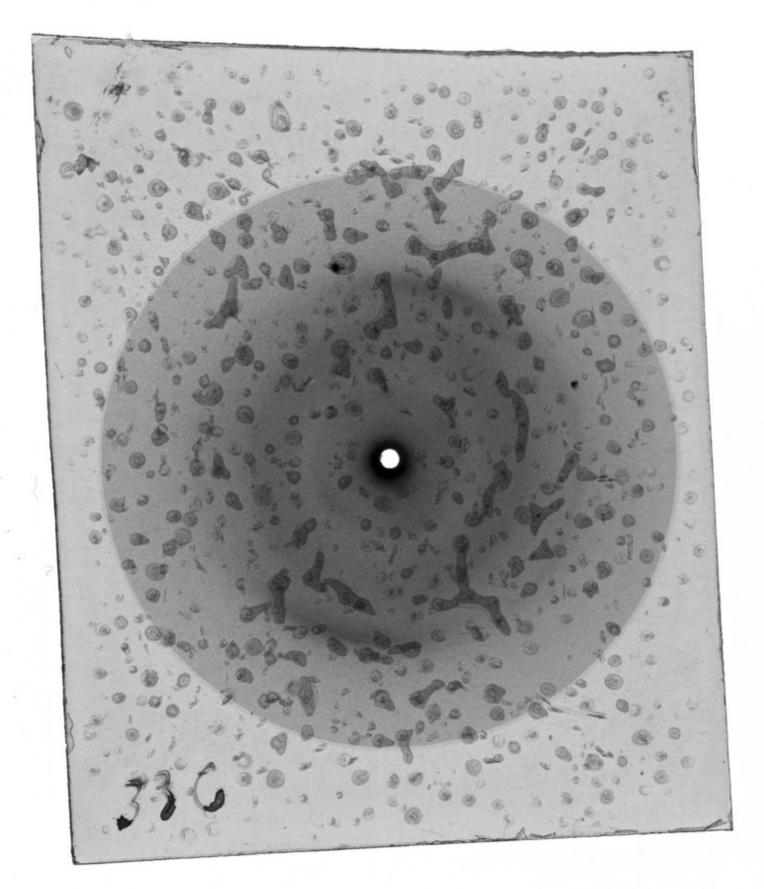


346 T.P. [transforming principle] H6 with RNA

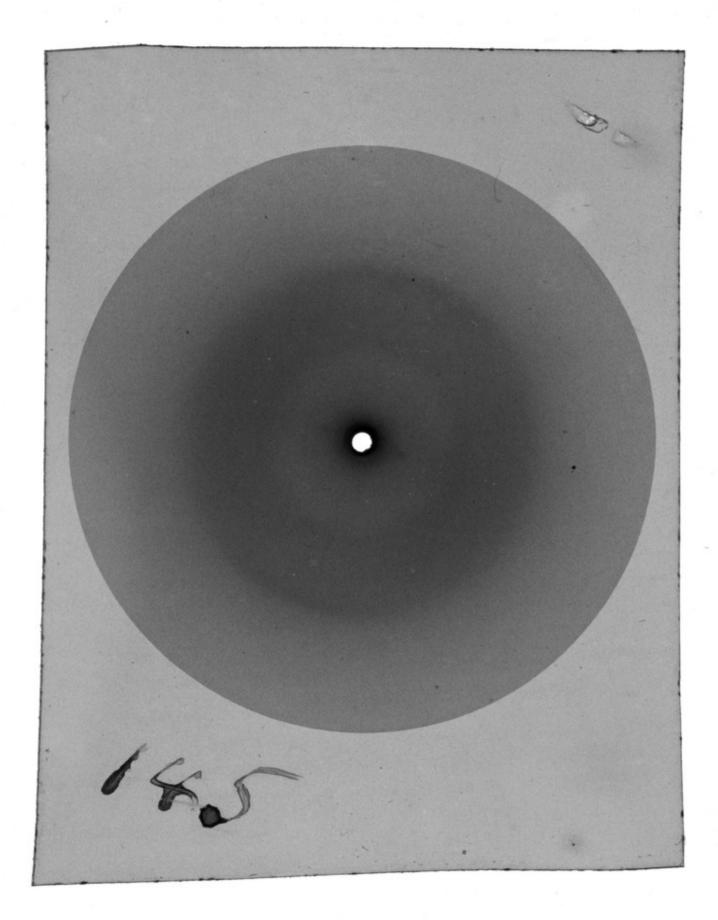


337 H6 of 92% RH [relative humidity]

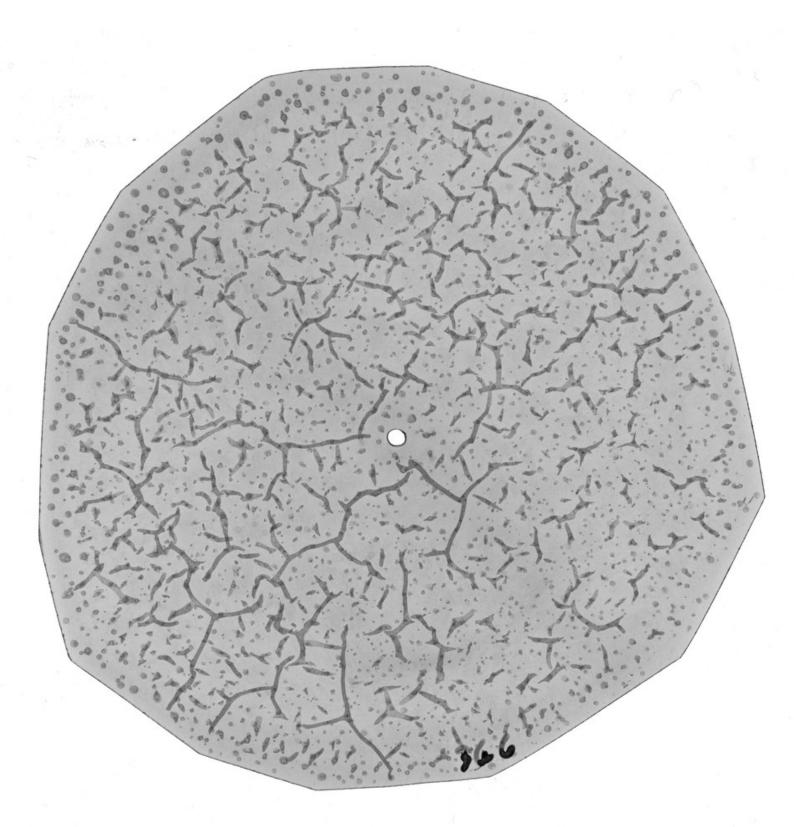




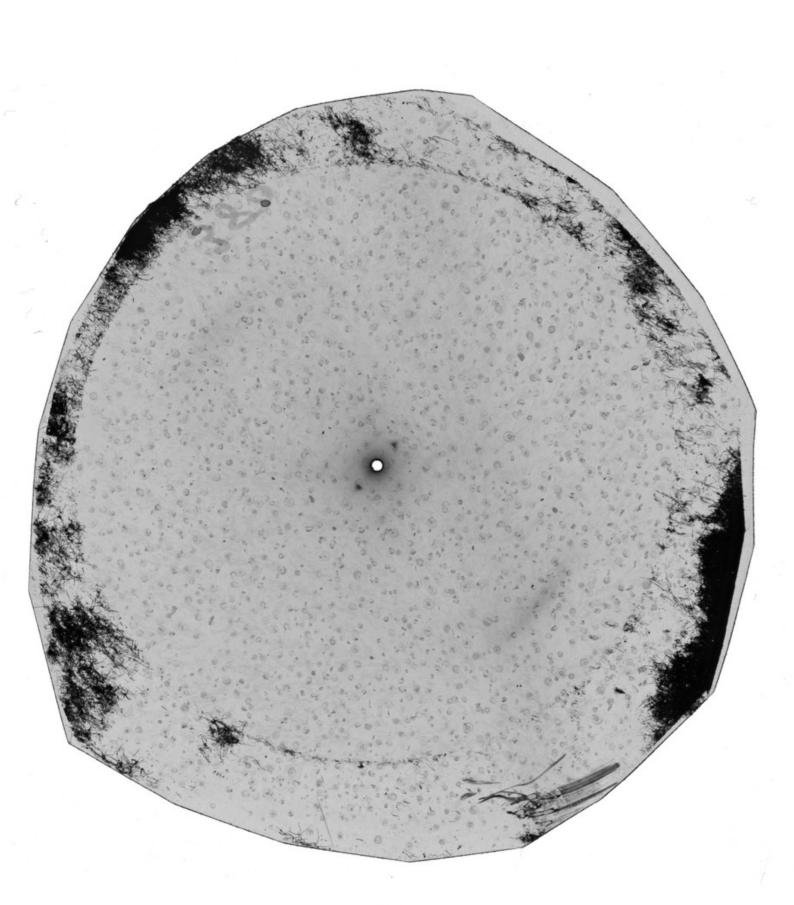
336 H6 75% RH [relative humidity]

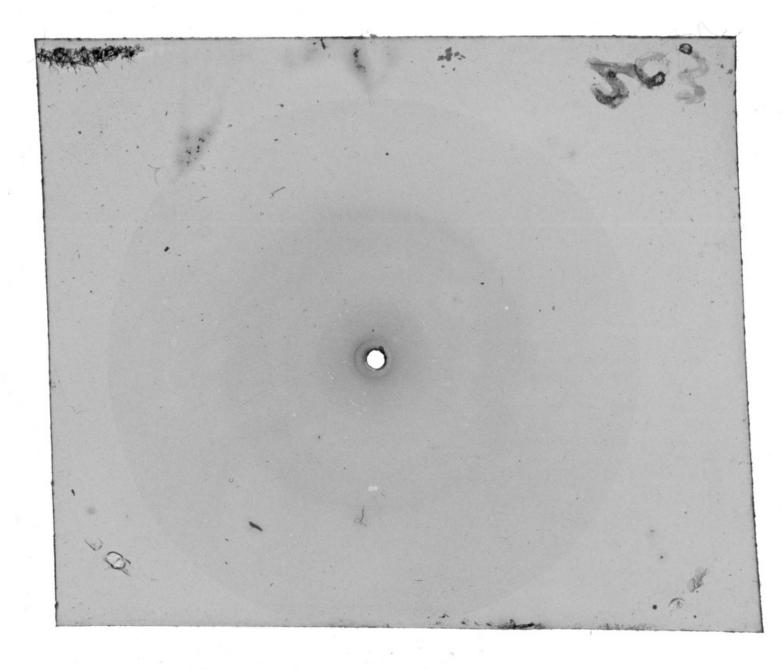


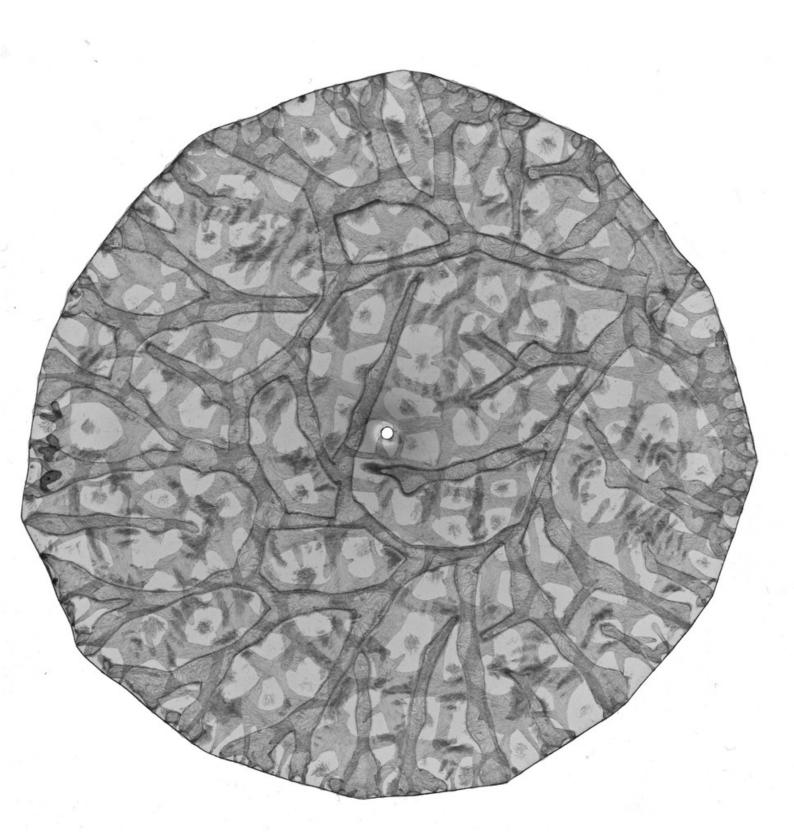
145 Geoffrey [Leonard Brown] Str ++ [Strontium]



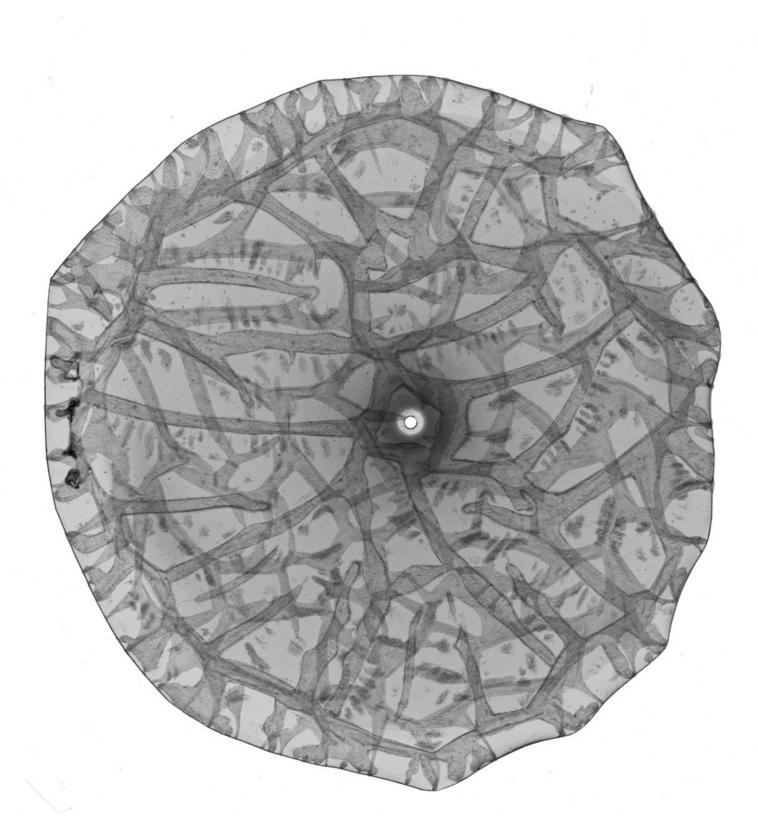
366 #5 @ 75% R.H. [relative humidity] Under tension (B [pics?])



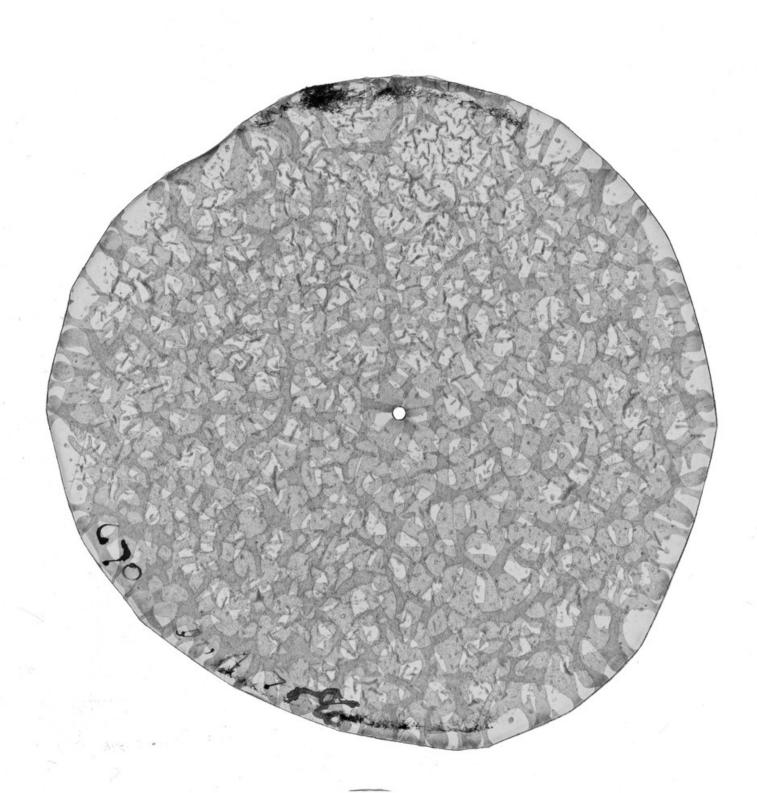




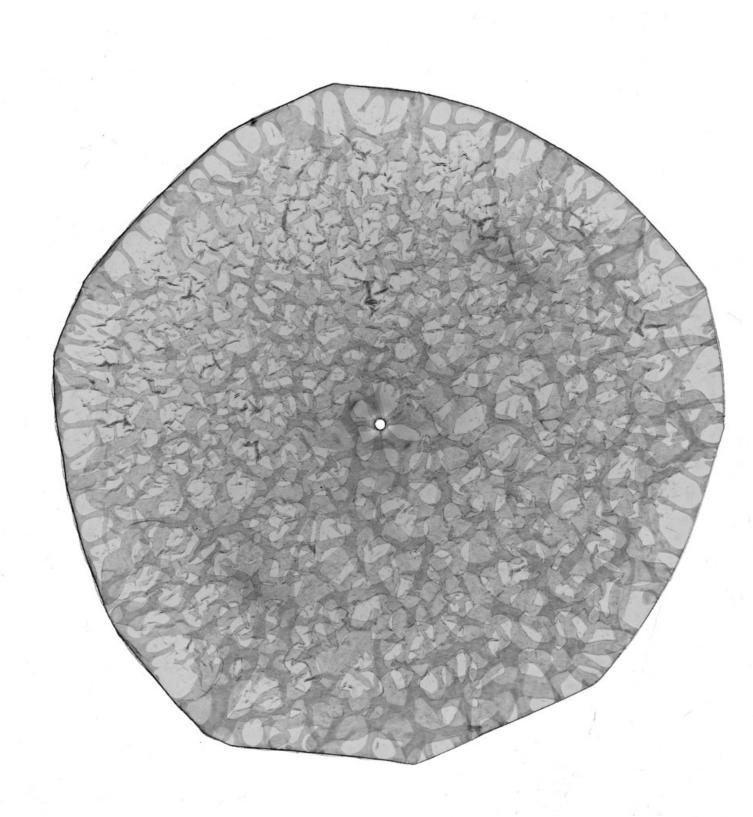
644 75% [relative humidity] tension [Roger] Vendrely DNA

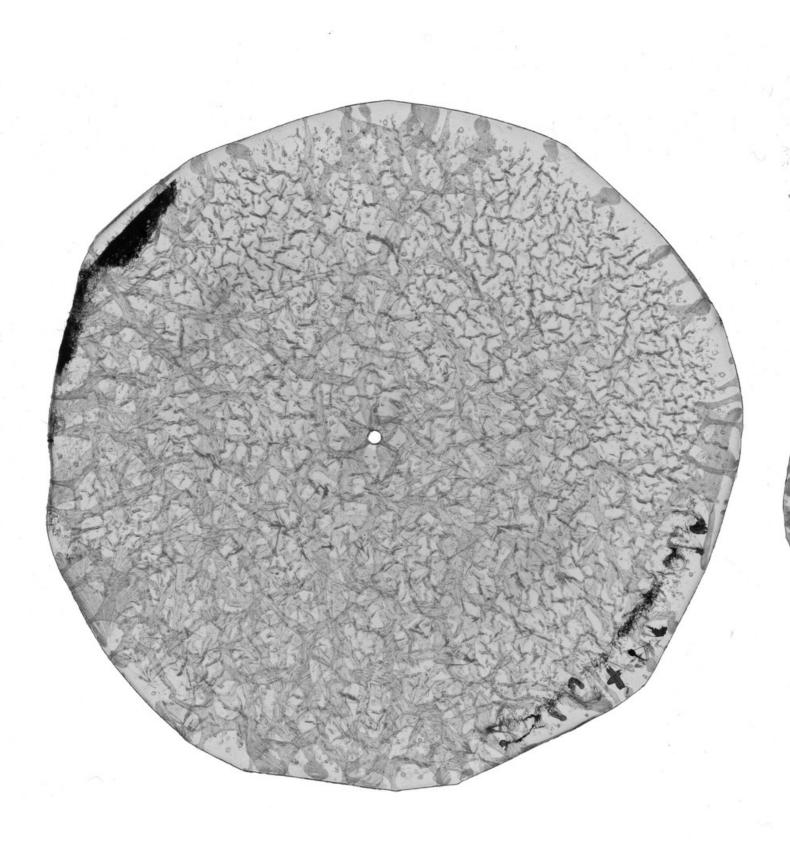


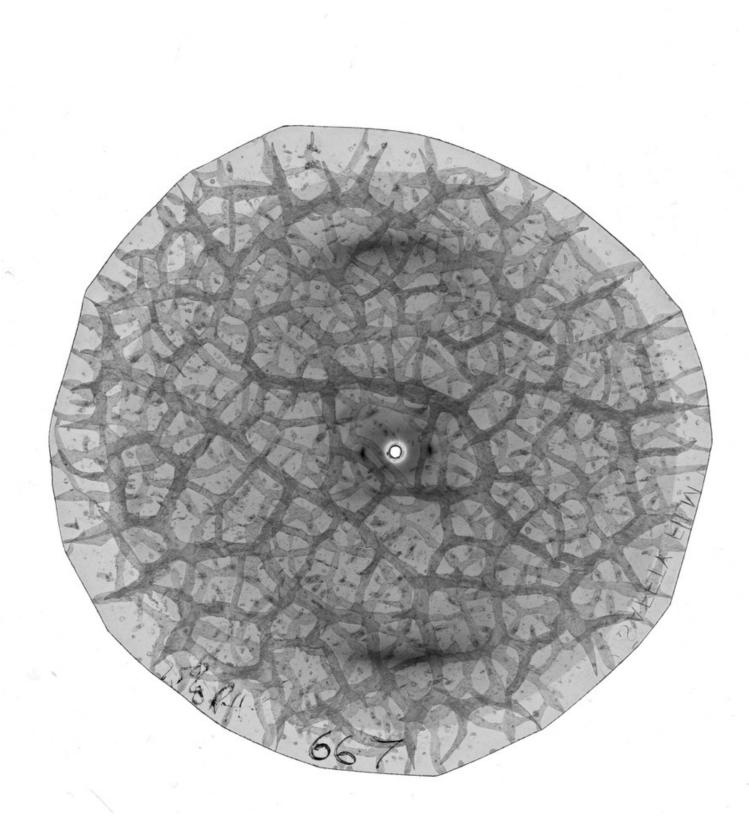
644 75% [relative humidity] tension [Roger] Vendrely DNA



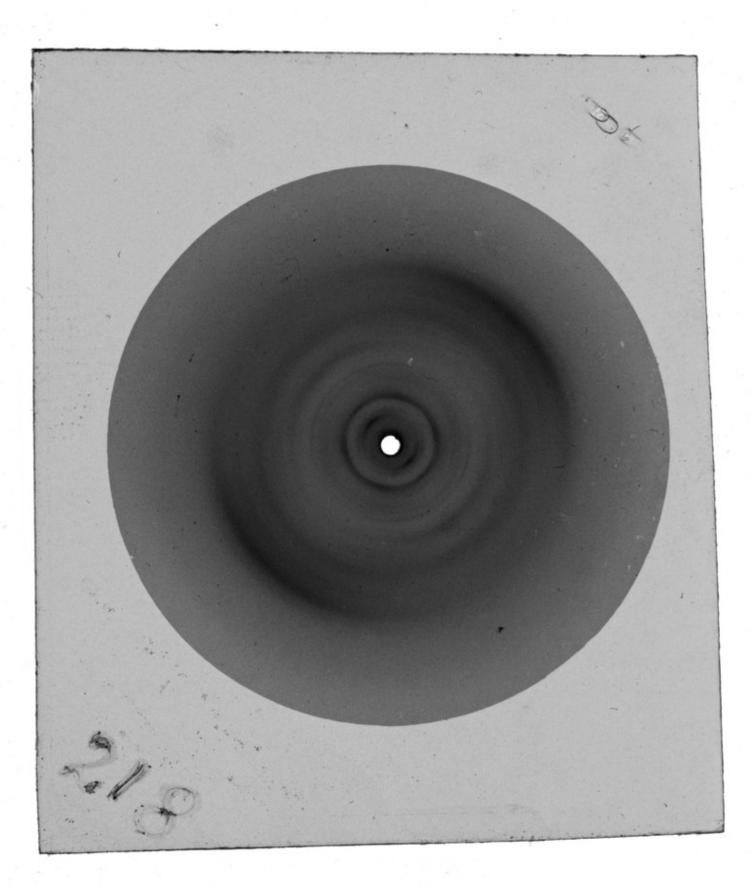
670 under tension 75% [relative humidity] c.l. DNA



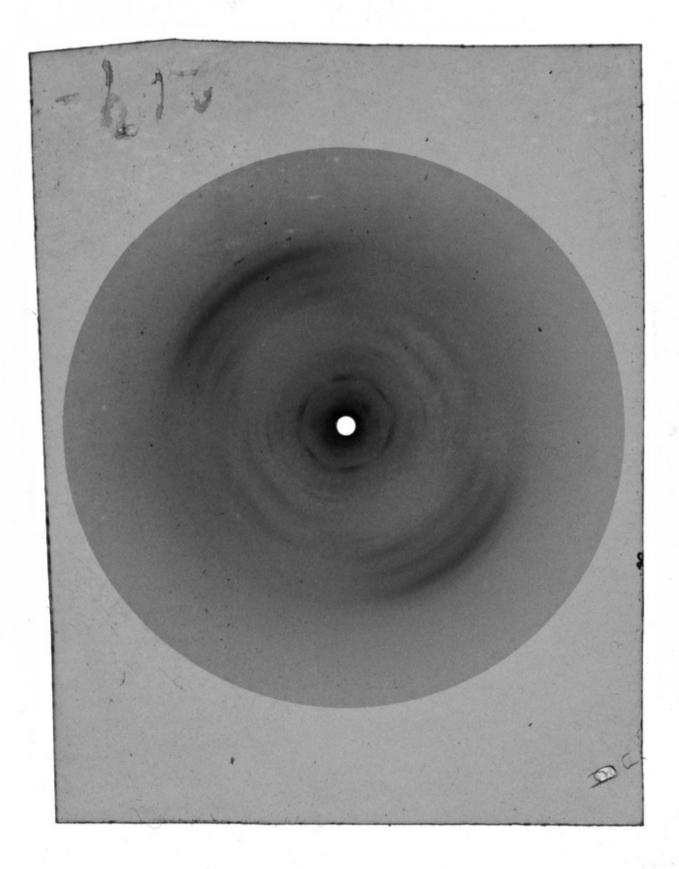




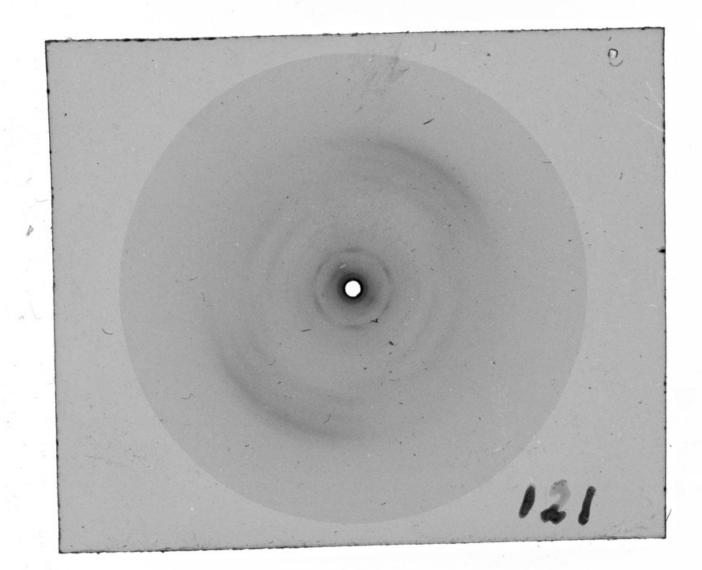
667 Best 75% [relative humidity] stretched B (mixed with A)



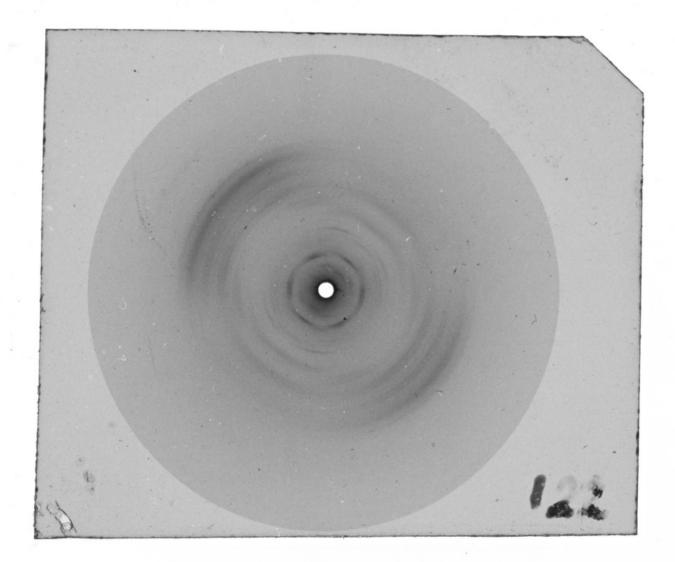
Arbacia DNA Geoffrey [Leonard Brown] 218a 219



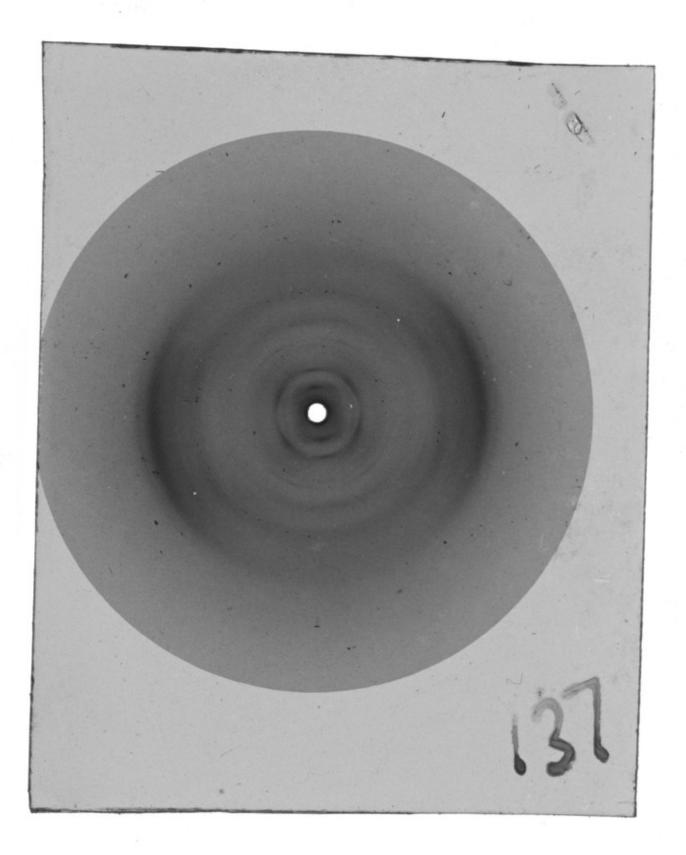
Arbacia DNA Geoffrey [Leonard Brown] 218a 219



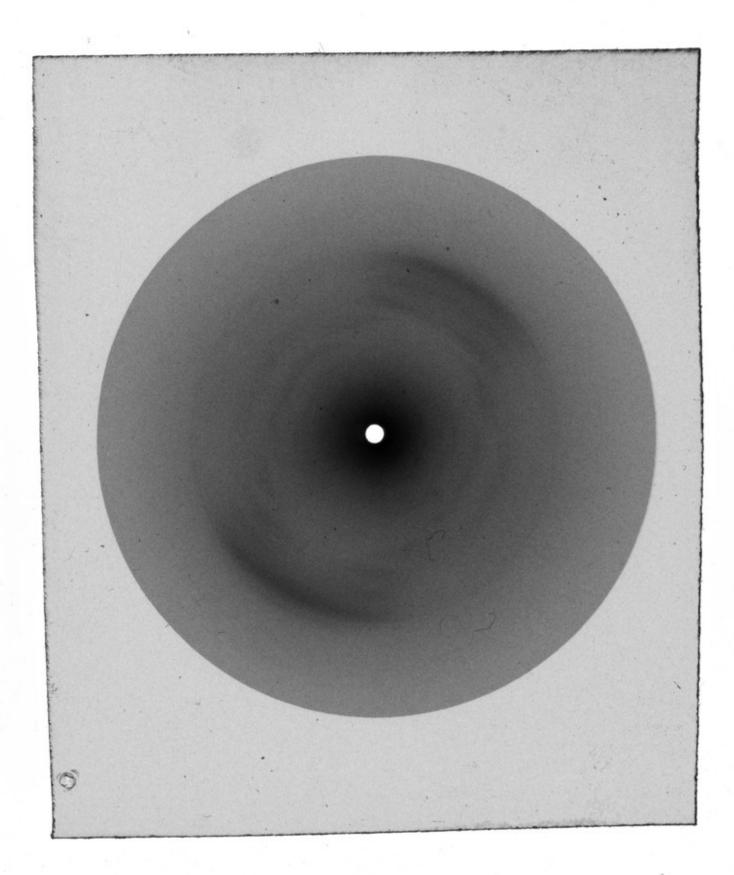
121 and 122 Geoffrey's [Leonard Brown] DNA Stretched Geoffrey 20.9.53 Arbacia lixula



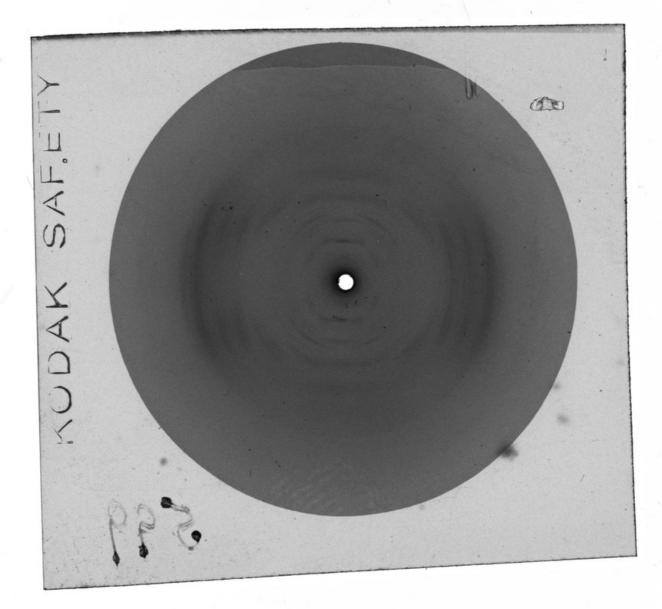
121 and 122 Geoffrey's [Leonard Brown] DNA Stretched Geoffrey 20.9.53 Arbacia lixula



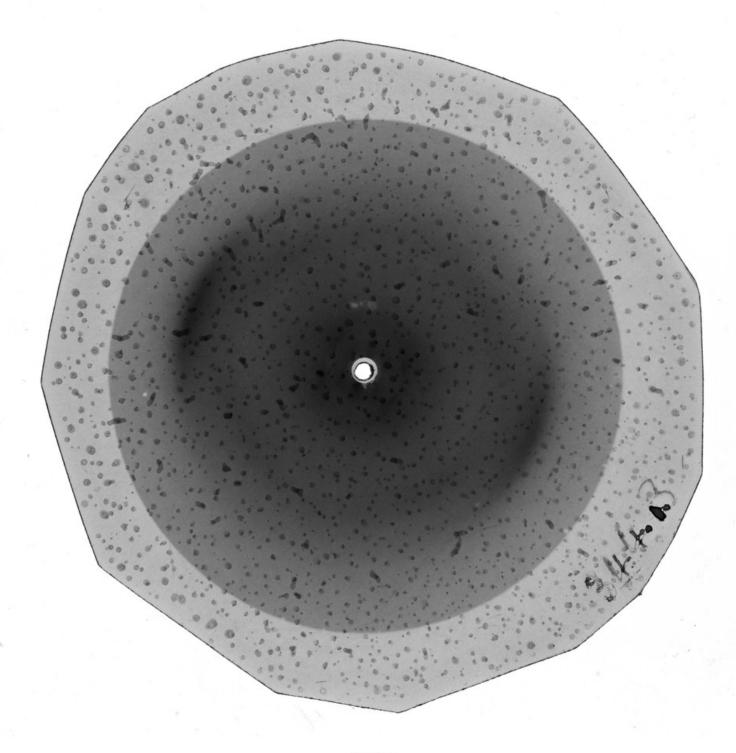
No 137 Geoffrey's [Leonard Brown] Ca++ [Calcium] Sealender



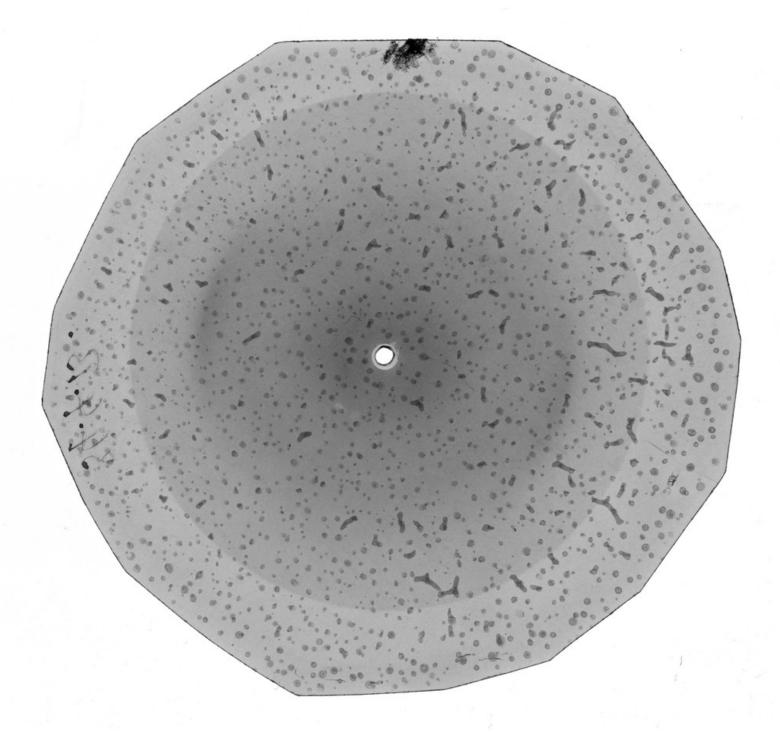
No 137 Geoffrey's [Leonard Brown] Ca++ [Calcium] Sealender



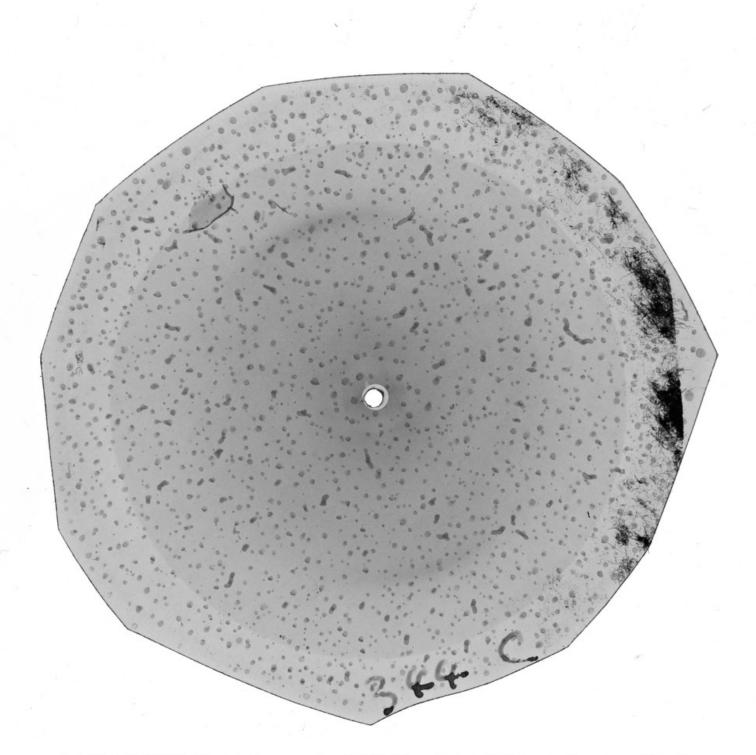
No 137 Geoffrey's [Leonard Brown] Ca++ [Calcium] Sealender



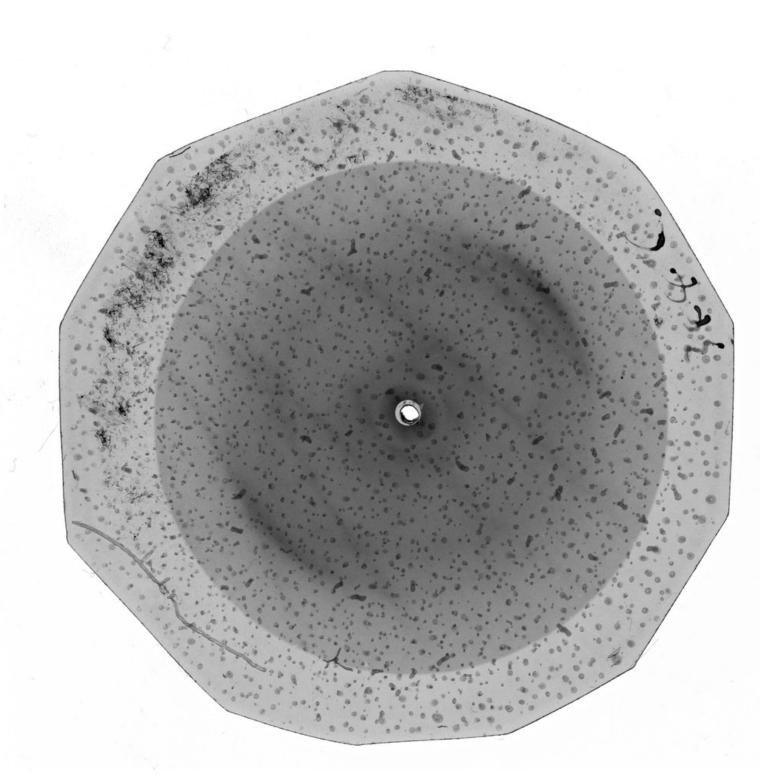
344B



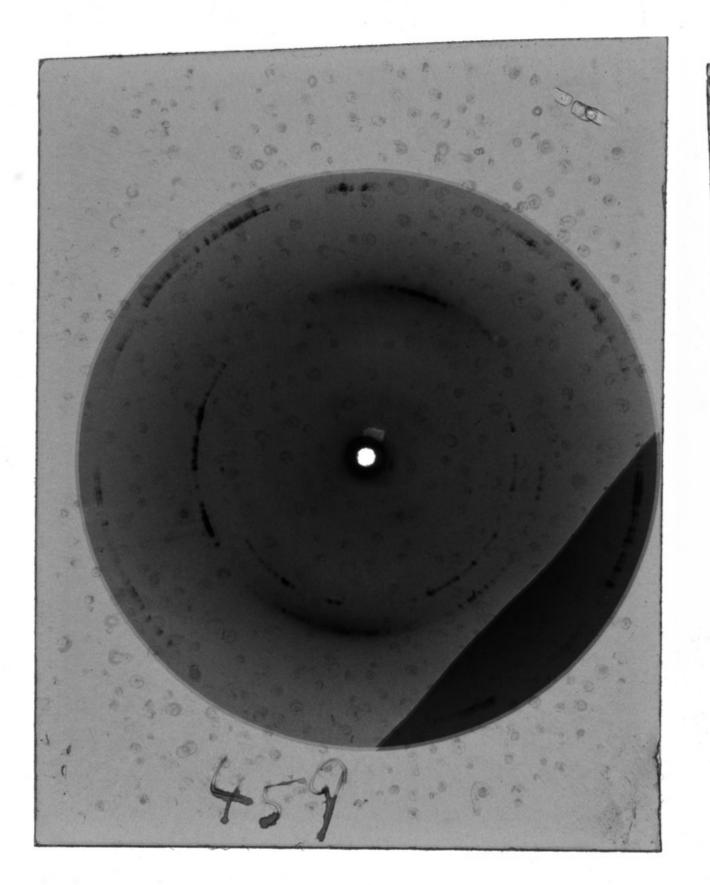
344B



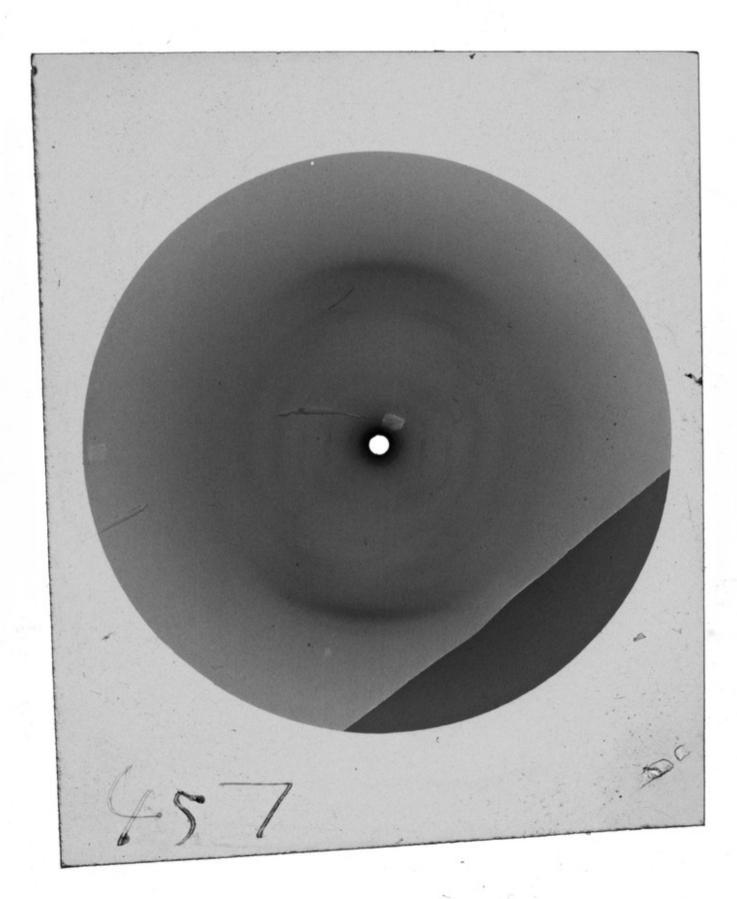
344C RbDNA [Rubidium salt of DNA] at 92% RH [relative humidity]



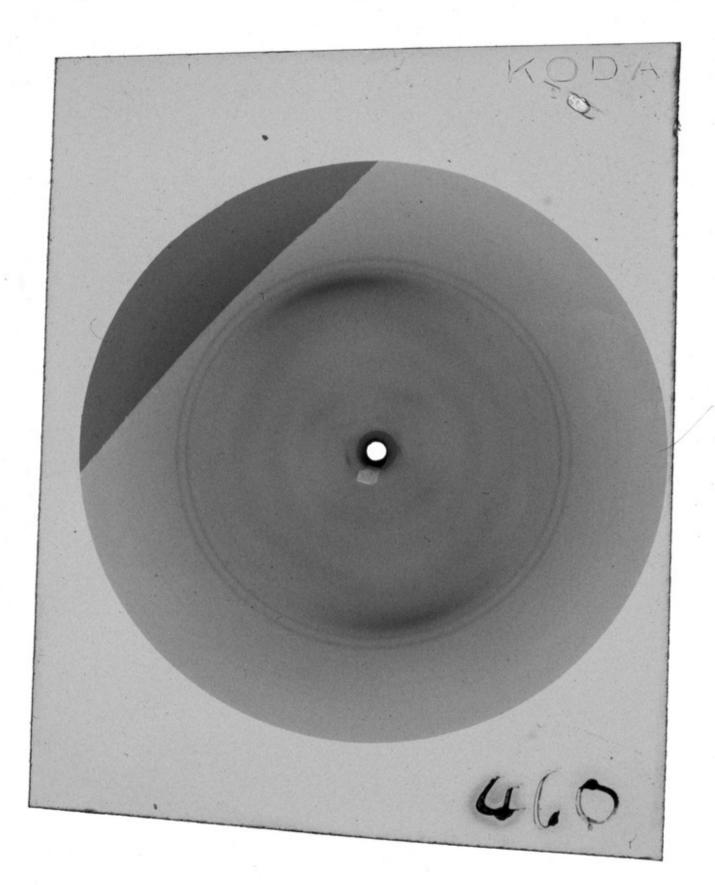
344C RbDNA [Rubidium salt of DNA] at 92% RH [relative humidity]



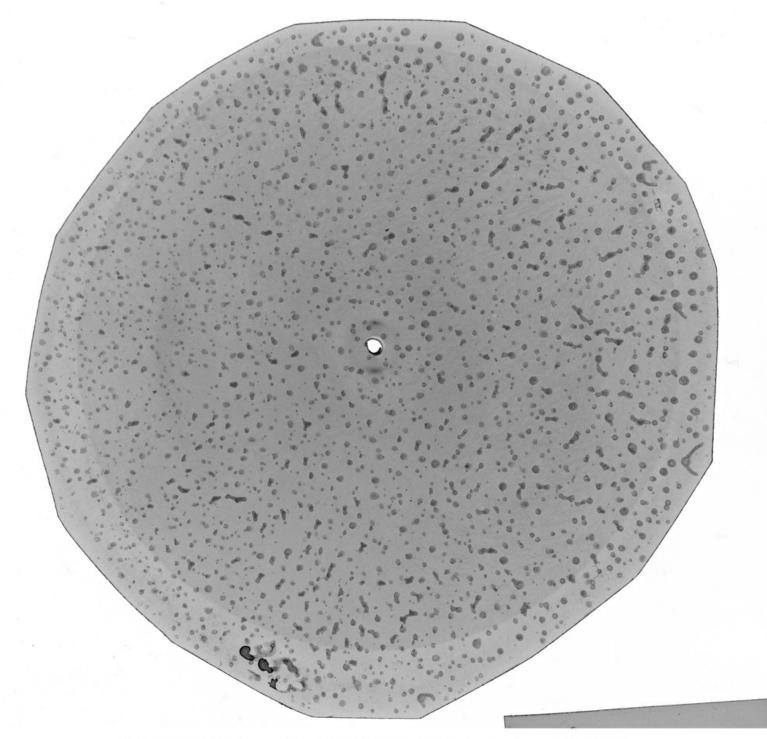
Rb DNA's [Rubidium salt of DNA] 457, 459 + 460 same material = 457 + 459 RbDNA III June '55 460 = LDH [Leonard D Hamilton] RnDNA II June '55



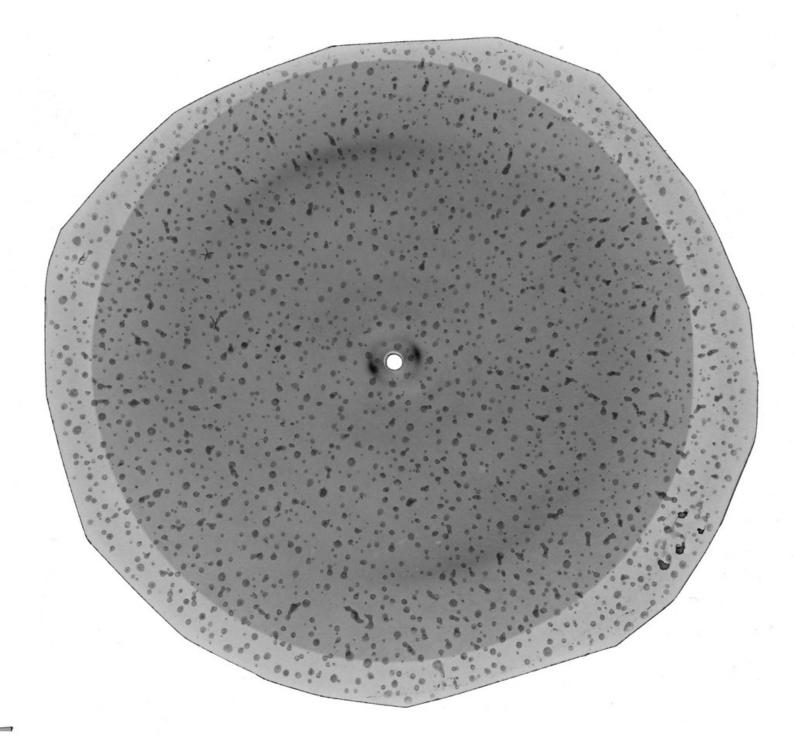
Rb DNA's [Rubidium salt of DNA] 457, 459 + 460 same material = 457 + 459 RbDNA III June '55 460 = LDH [Leonard D Hamilton] RnDNA II June '55



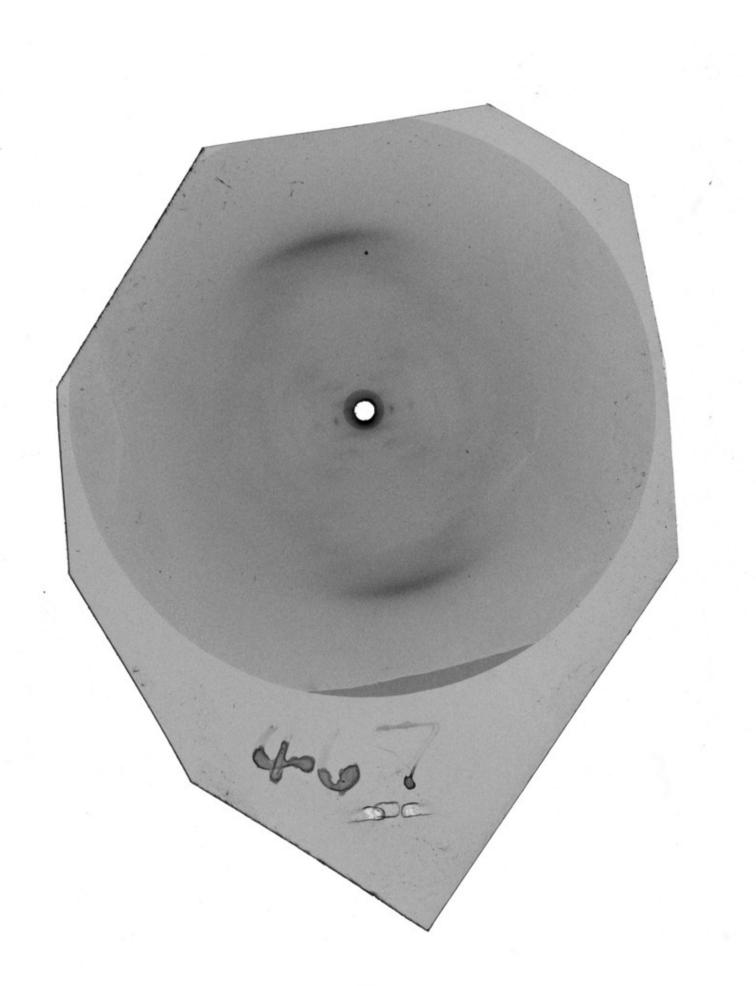
Rb DNA's [Rubidium salt of DNA] 457, 459 + 460 same material = 457 + 459 RbDNA III June '55 460 = LDH [Leonard D Hamilton] RnDNA II June '55

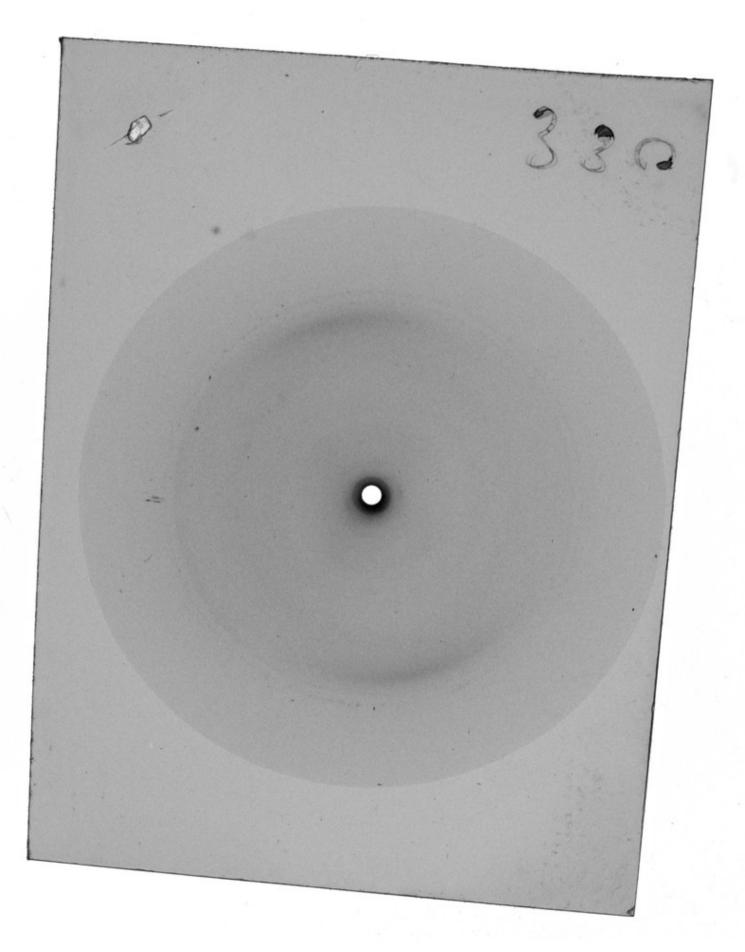


RbDNA [Rubidium salt of DNA] 92% RH [relative humidity] 353

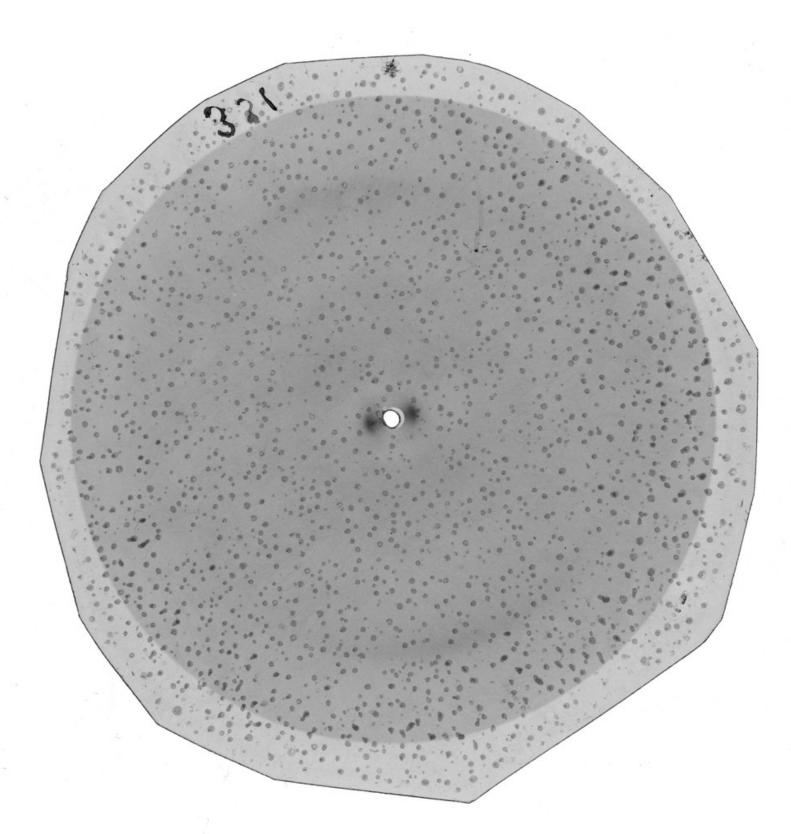


RbDNA [Rubidium salt of DNA] 92% RH [relative humidity] 353

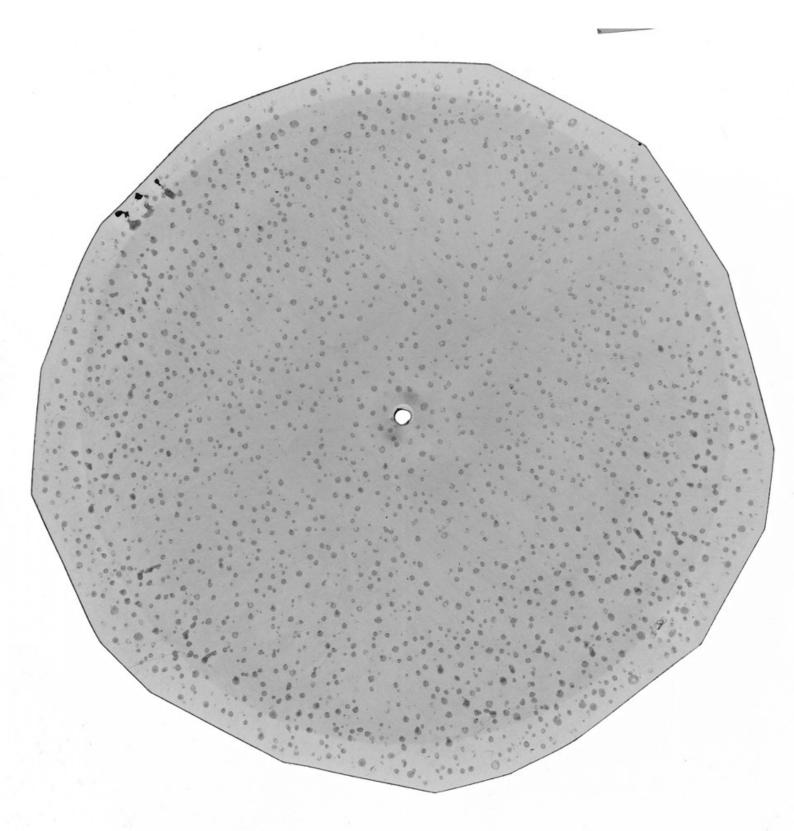




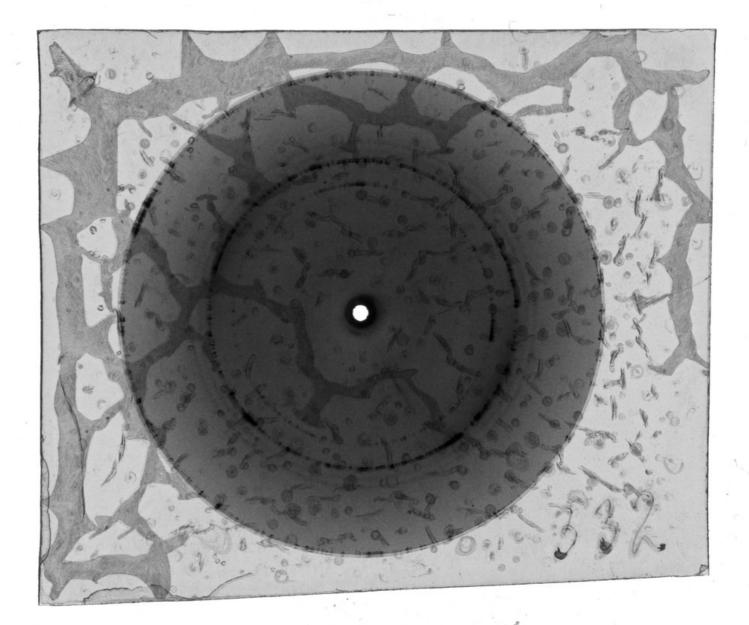
330 RbDNA [Rubidium salt of DNA]



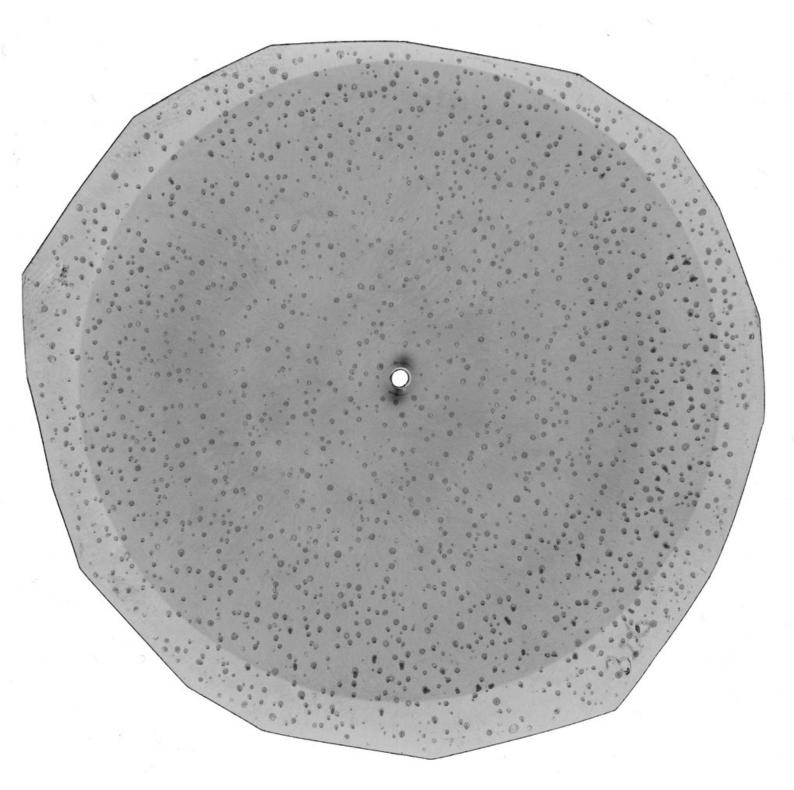
[No.] 331 RbDNA [Rubidium salt of DNA]



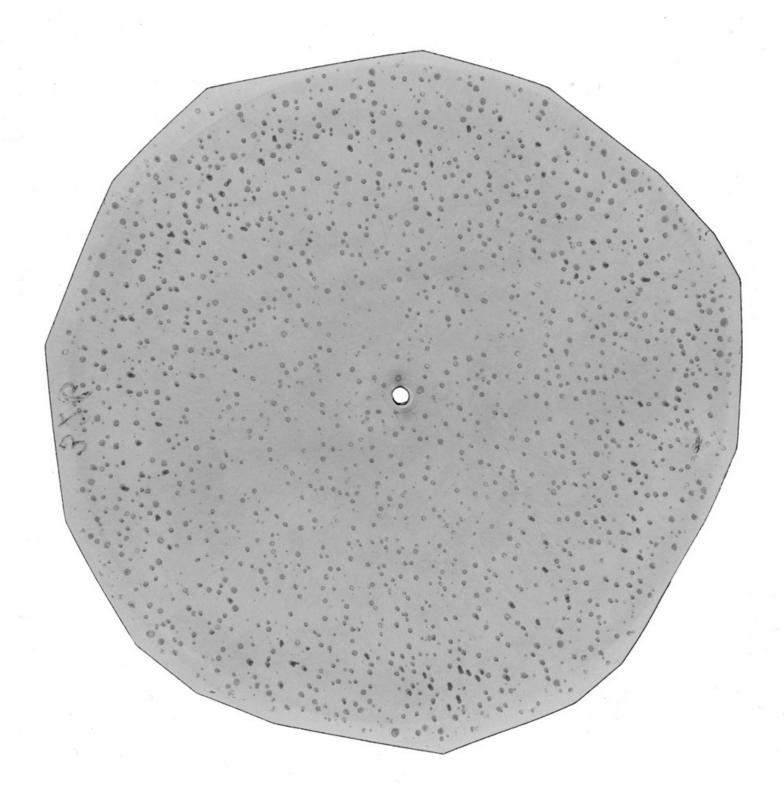
[No.] 331 RbDNA [Rubidium salt of DNA]



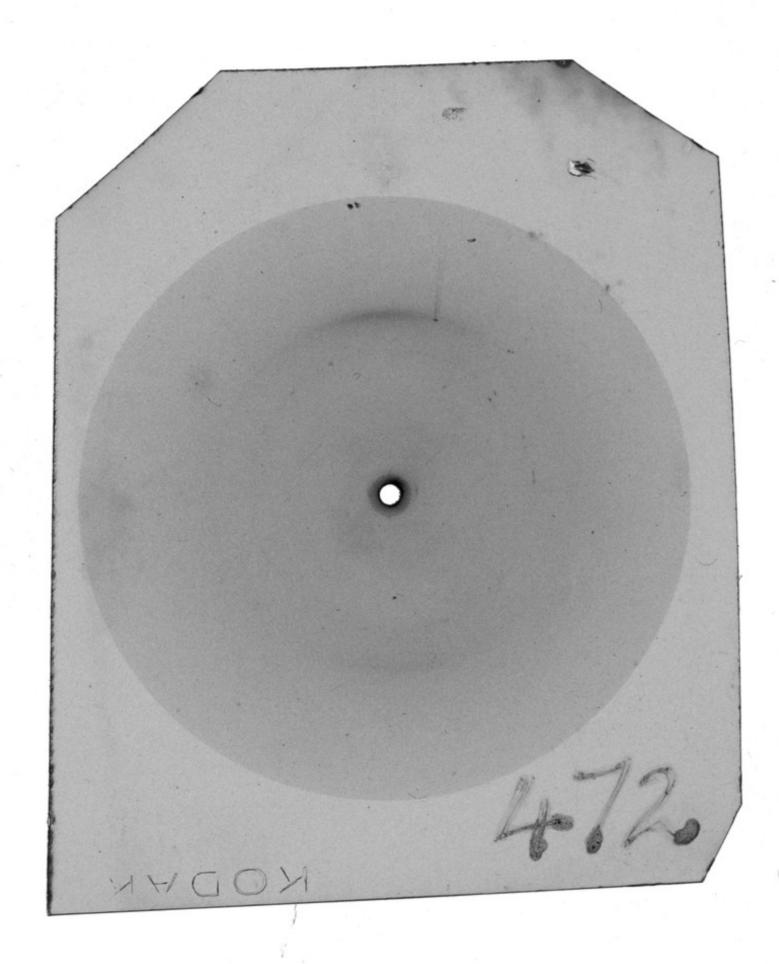
[No.] 332 RbDNA [Rubidium salt of DNA] 75% RH [relative humidity] 6EB91-1 12/2/54



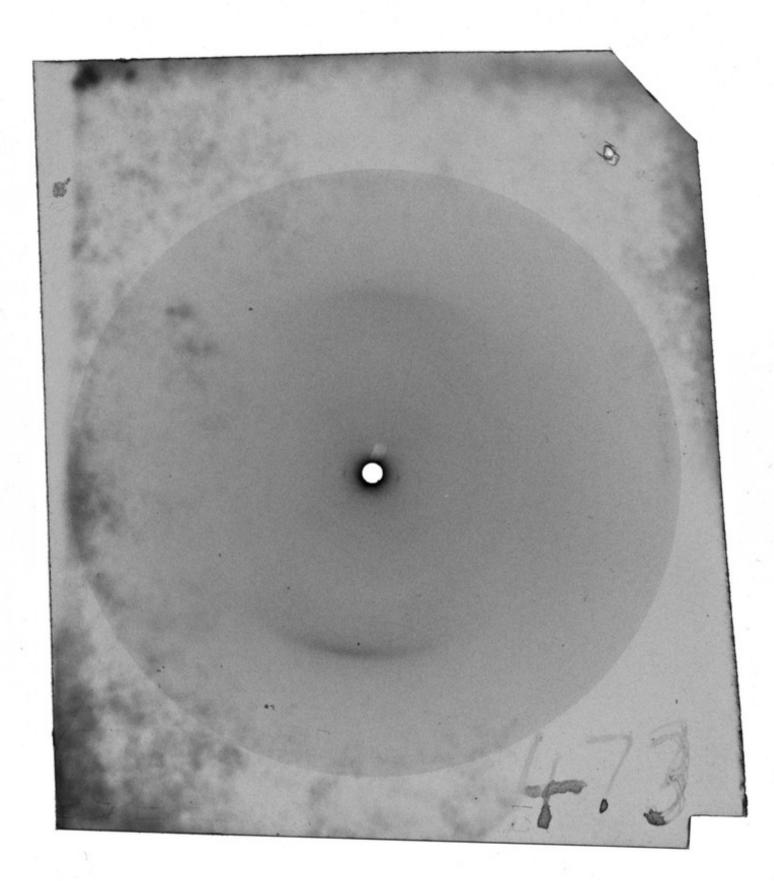
[No.] 326 poor material 1st lot RbDNA [Rubidium salt of DNA] 6 EB 88-2 11/26/54



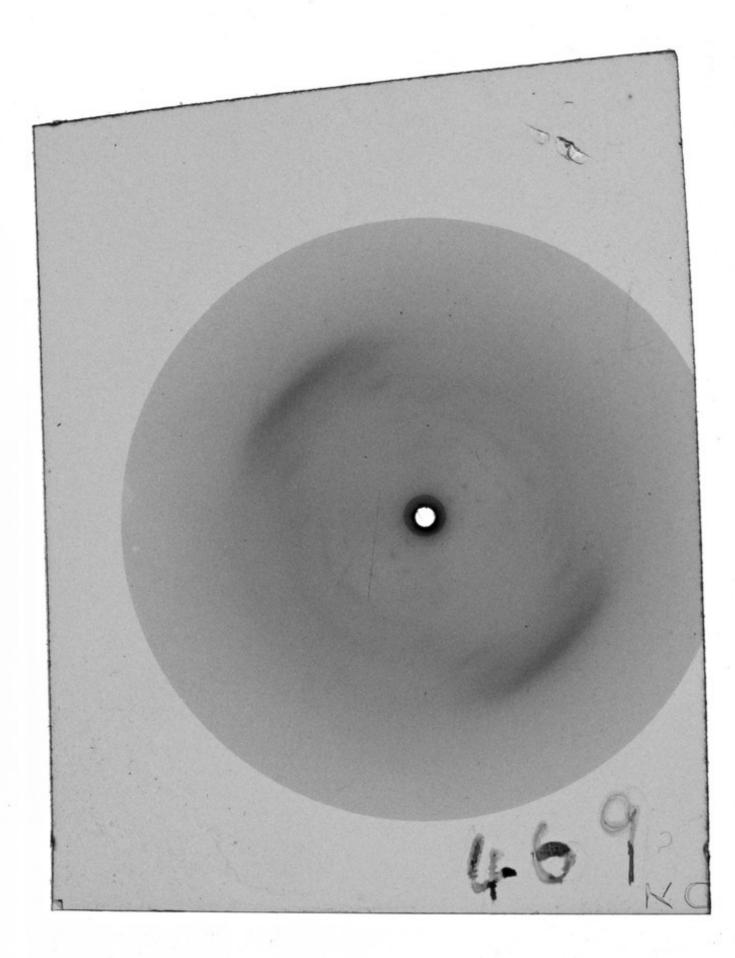
[No.] 326 poor material 1st lot RbDNA [Rubidium salt of DNA] 6 EB 88-2 11/26/54



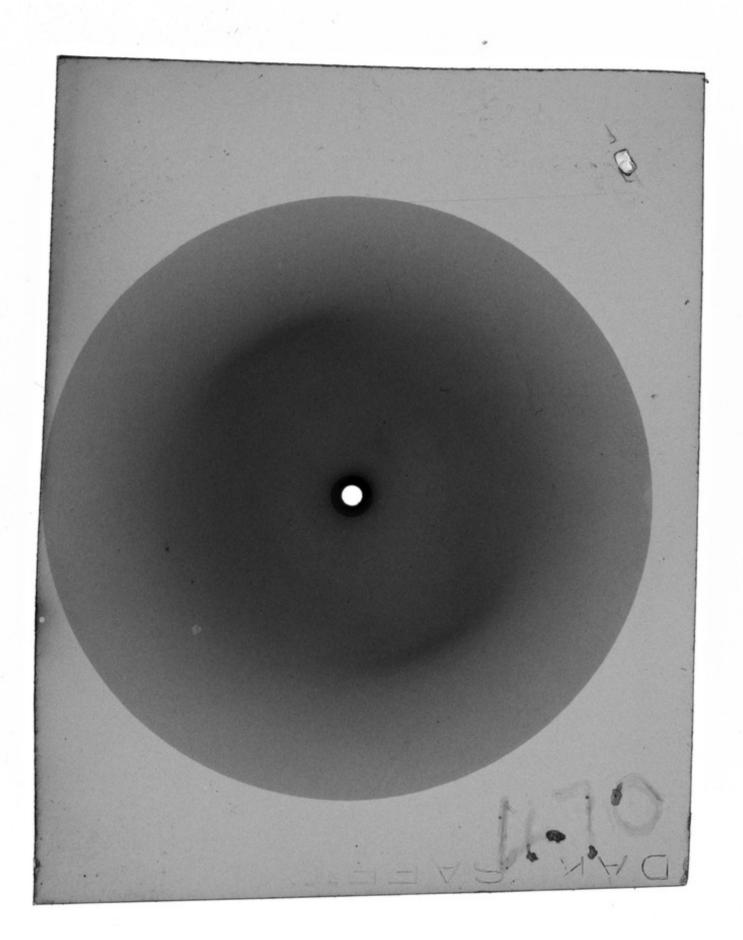
472 + 473 XRs p78 RbDNA [Rubidium salt of DNA] 6/22/55 & ill



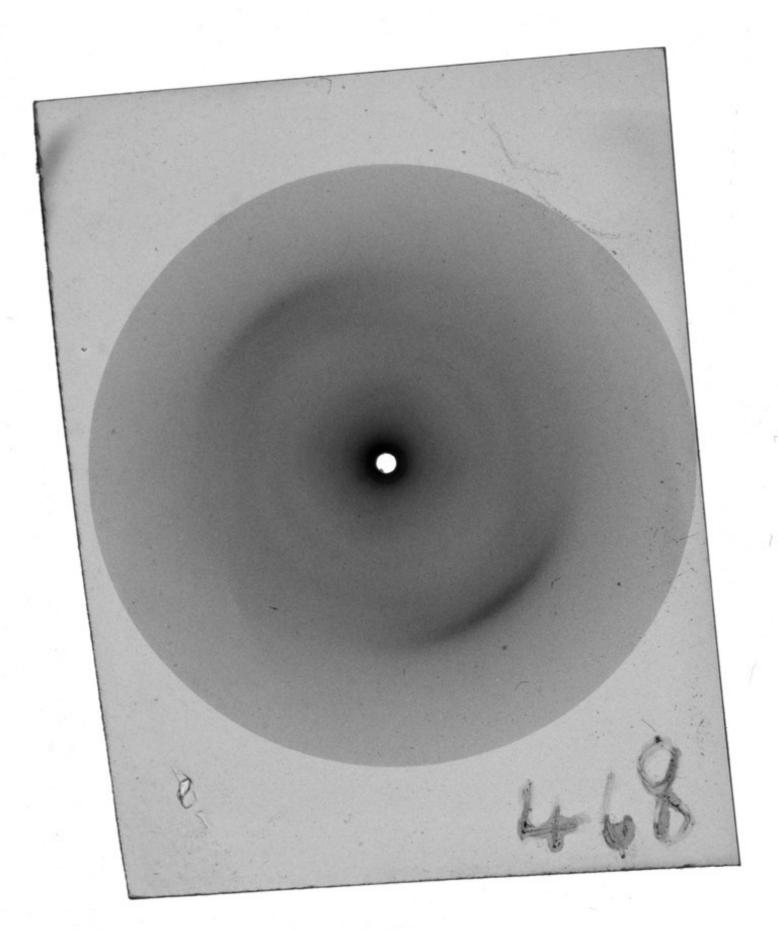
472 + 473 XRs p78 RbDNA [Rubidium salt of DNA] 6/22/55 & ill



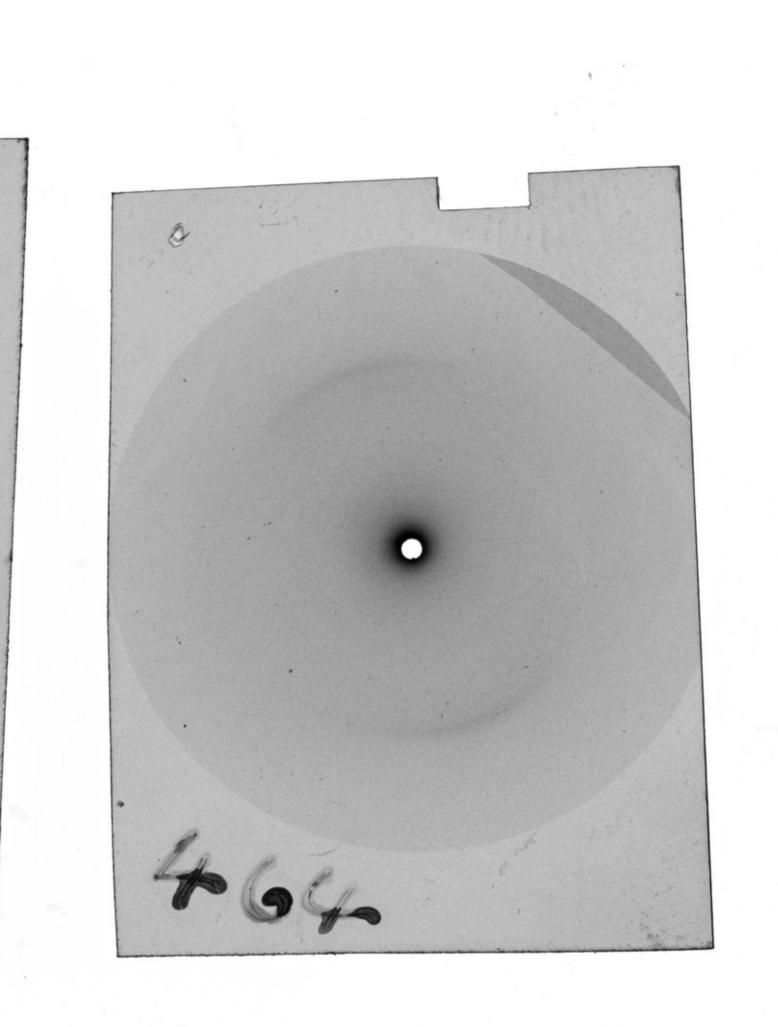
[No.] 469 + 470 LDH [Leonard D Hamilton] RbDNA II June '55

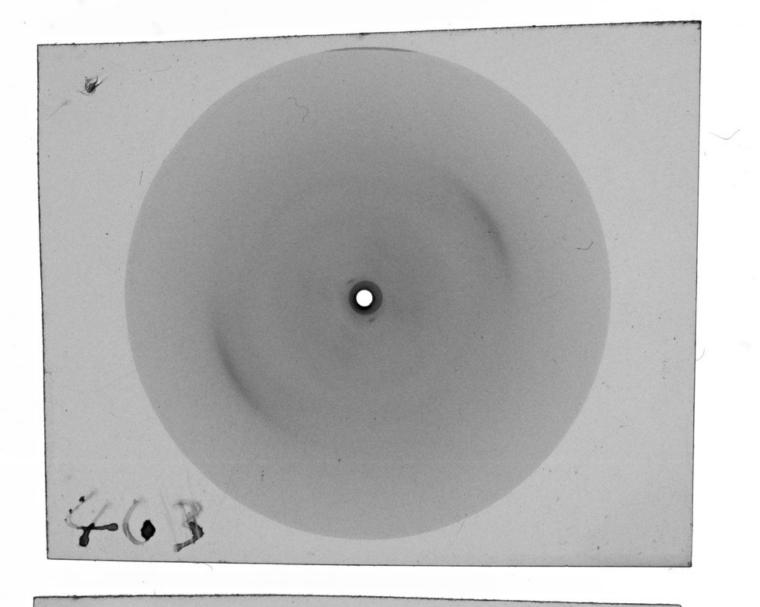


[No.] 469 + 470 LDH [Leonard D Hamilton] RbDNA II June '55

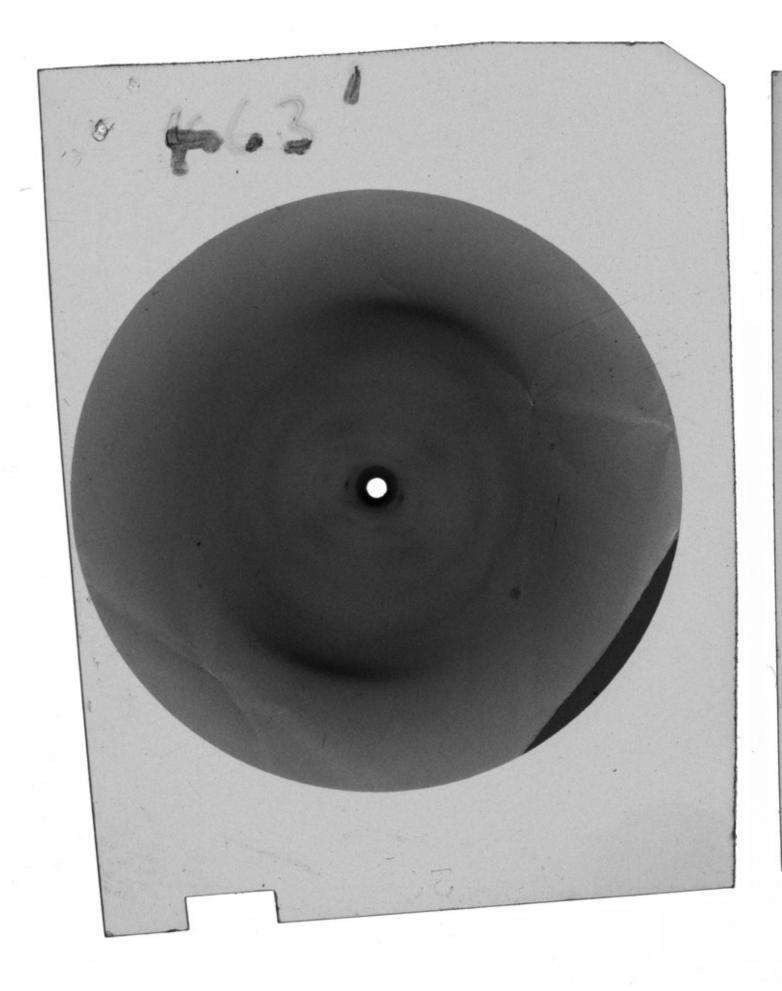


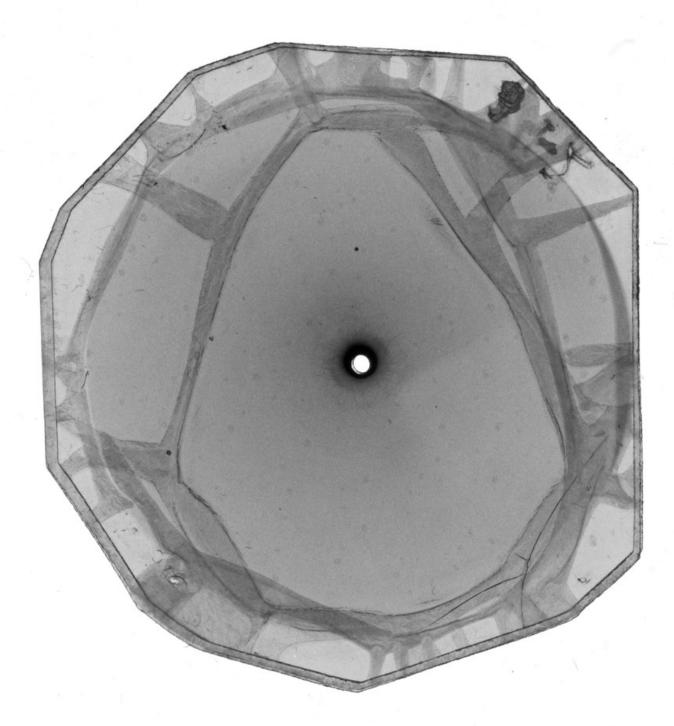
Rb throughout + Rs p72 RbDNA [Rubidium salt of DNA] 6/17/55 468



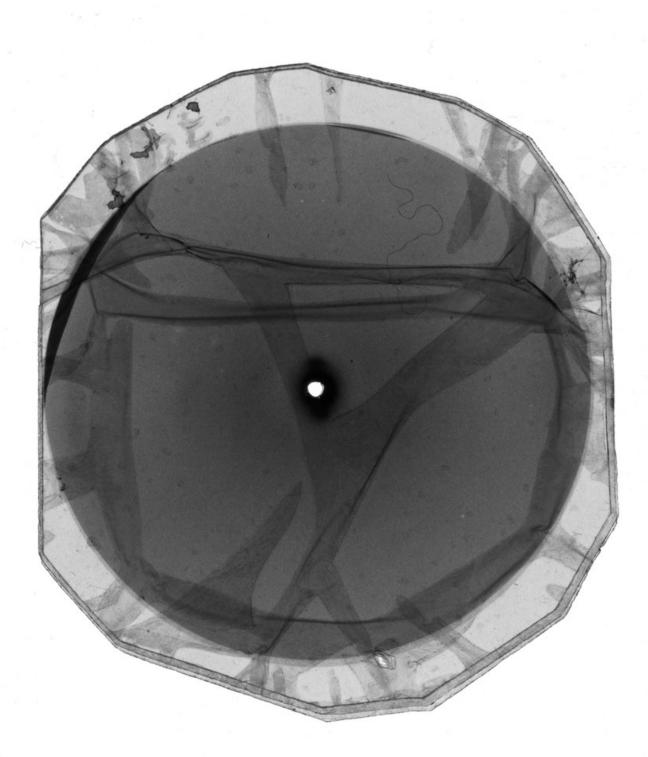


RbDNA [Rubidium salt of DNA] 342 & 348

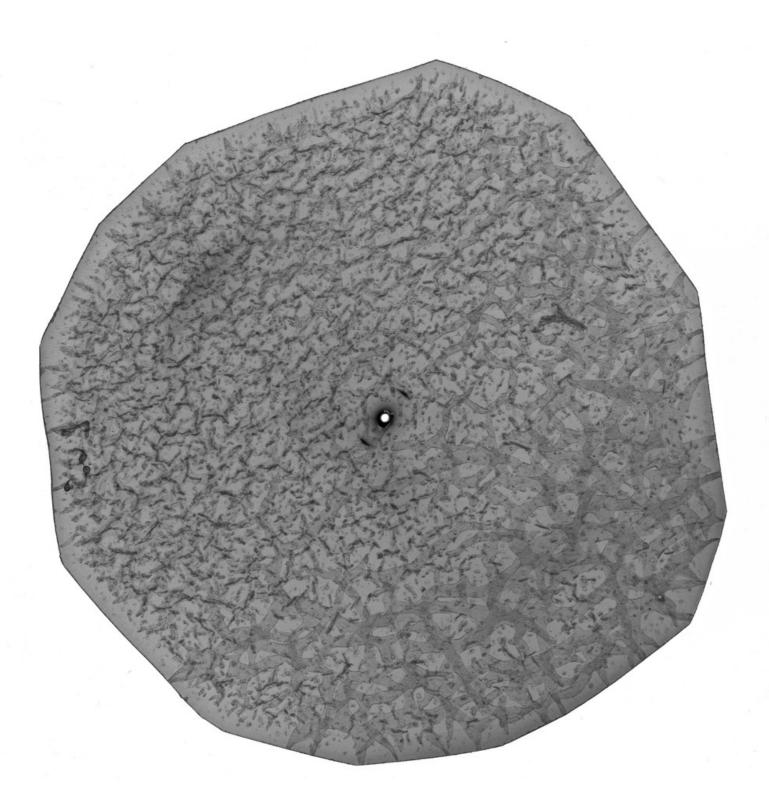


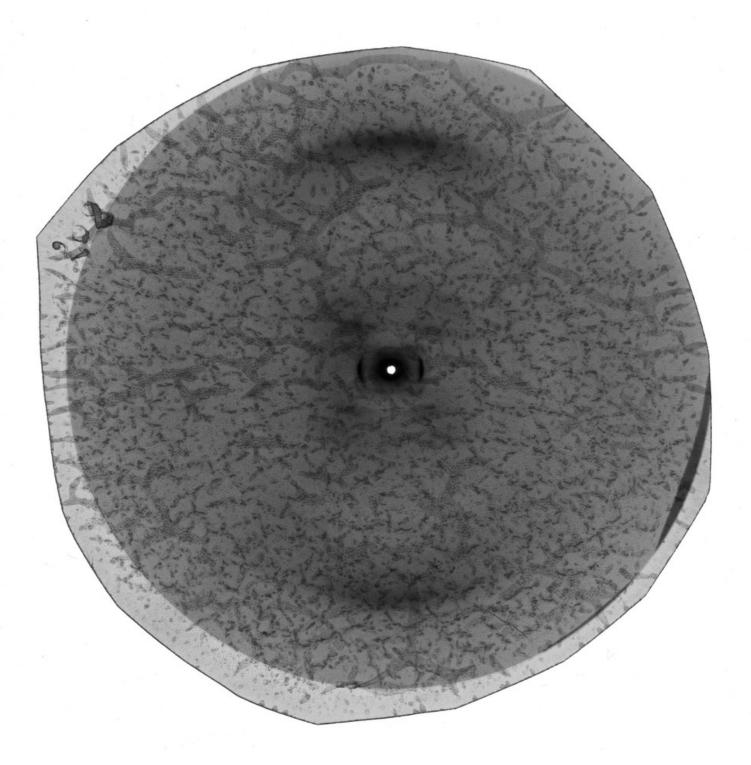


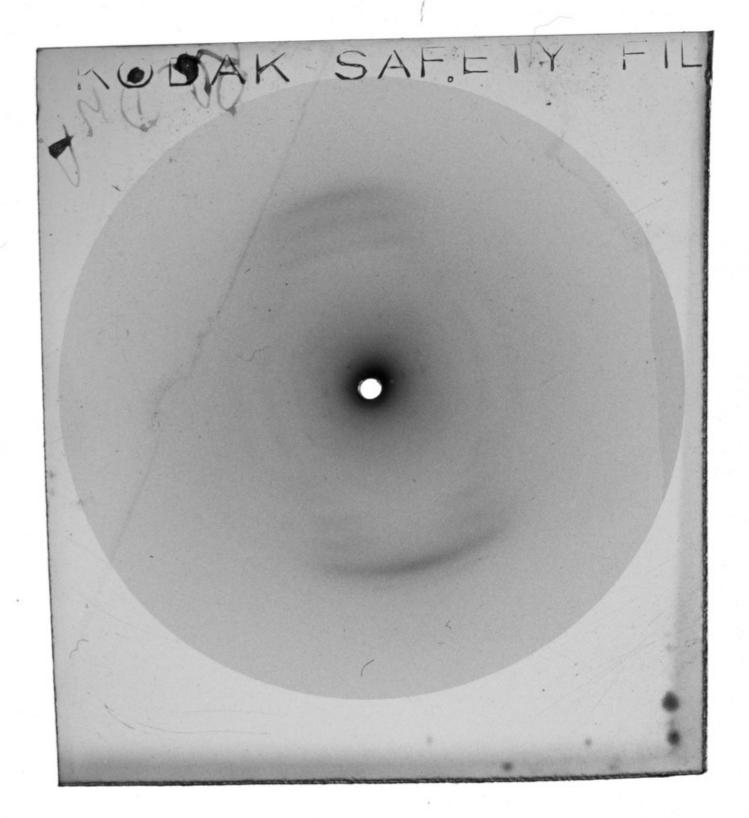
[No.] 507 + 508 Rb B-type pictures



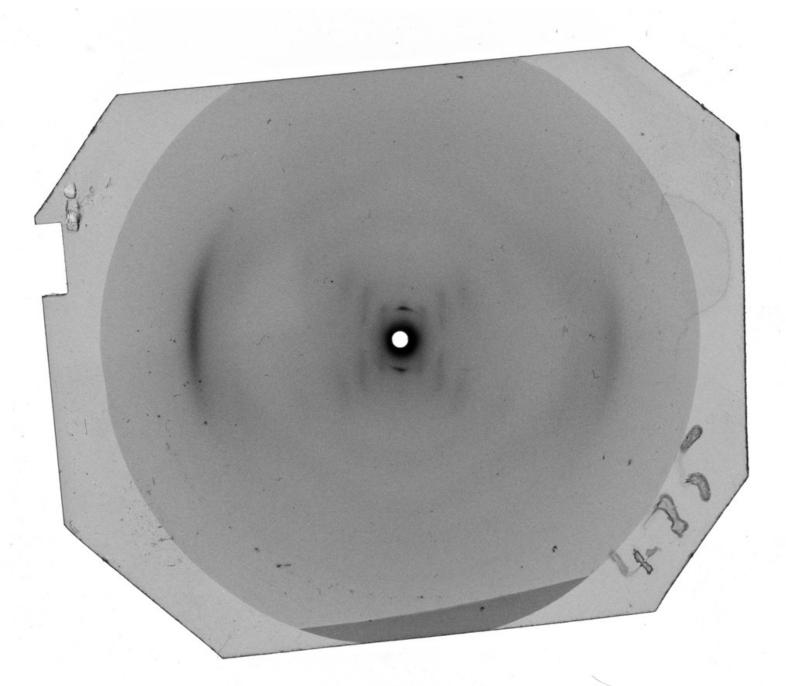
[No.] 507 + 508 Rb B-type pictures



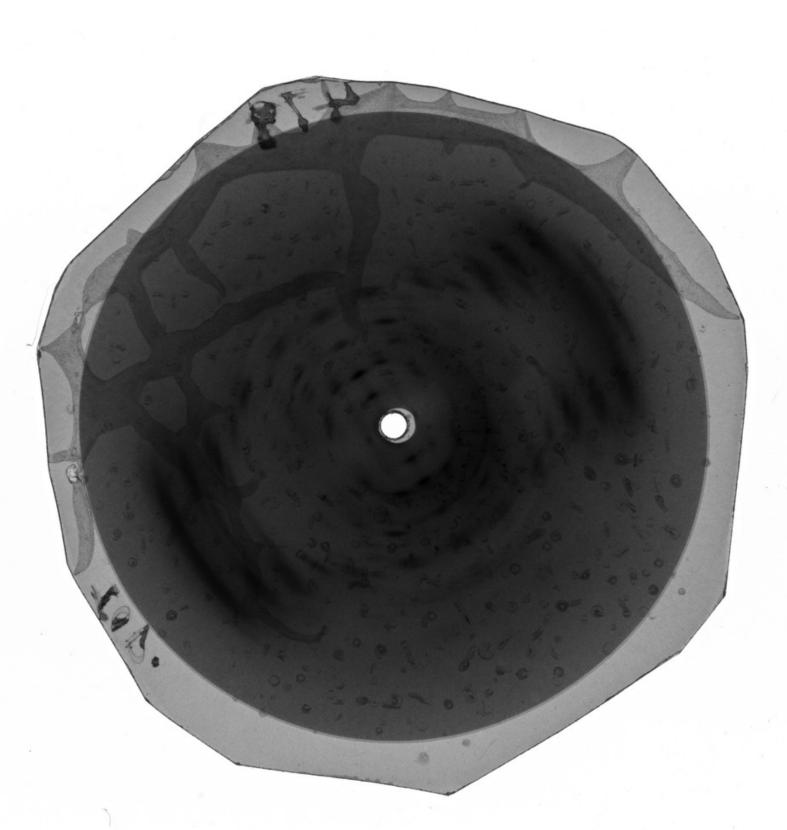




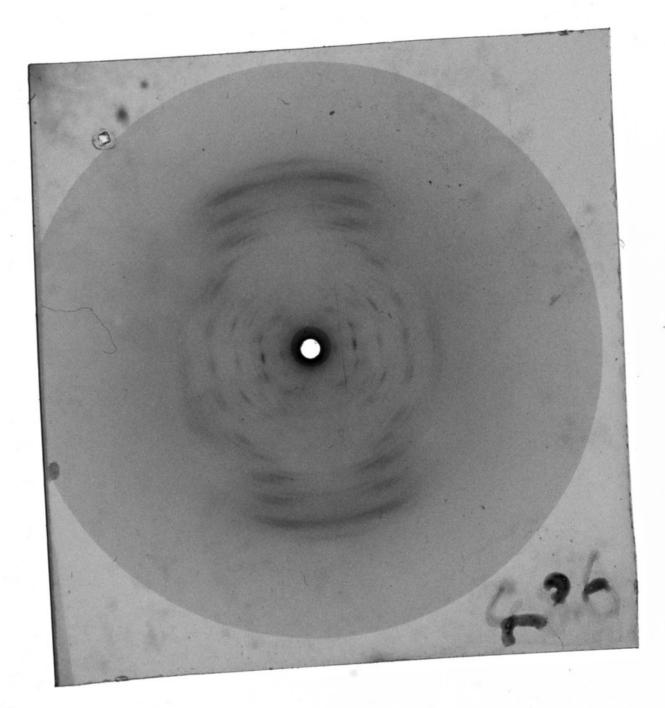
[No.] 475 xRS p75 RbDNA [Rubidium salt of DNA] 6/21/55 at 92% RH [relative humidity]



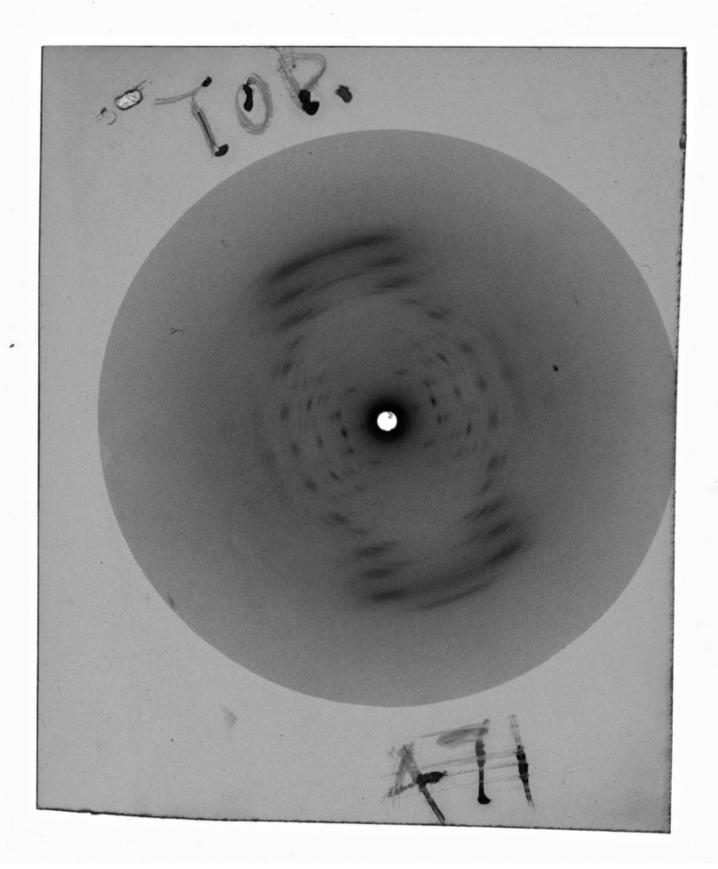
[No.] 475 xRS p75 RbDNA [Rubidium salt of DNA] 6/21/55 at 92% RH [relative humidity]



RbDNA [Rubidium salt of DNA] No. 477 (75% R.H. [relative humidity])



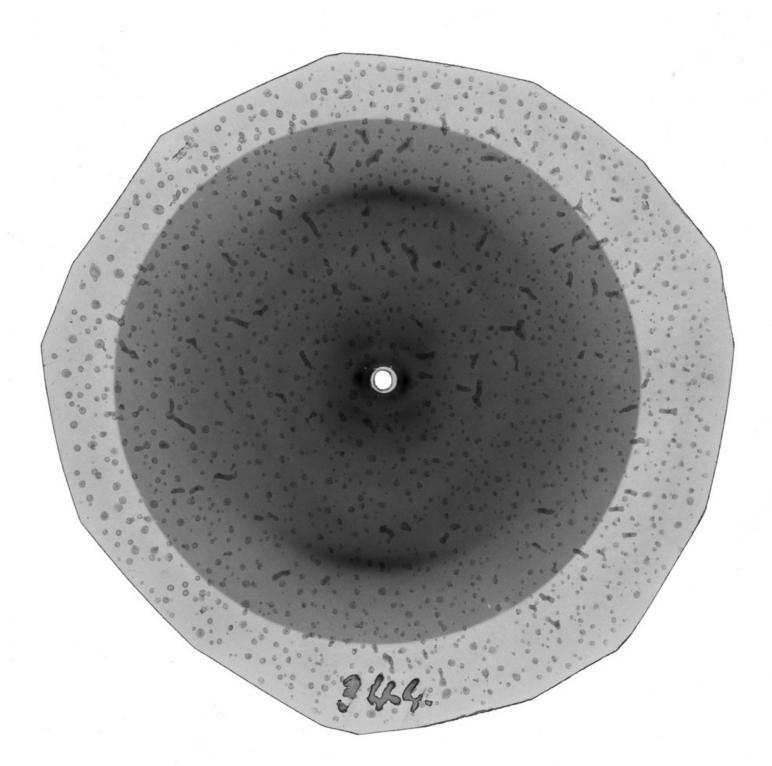
[No.] 486 xRS p81 RbDNA [Rubidium salt of DNA] 7/6/55



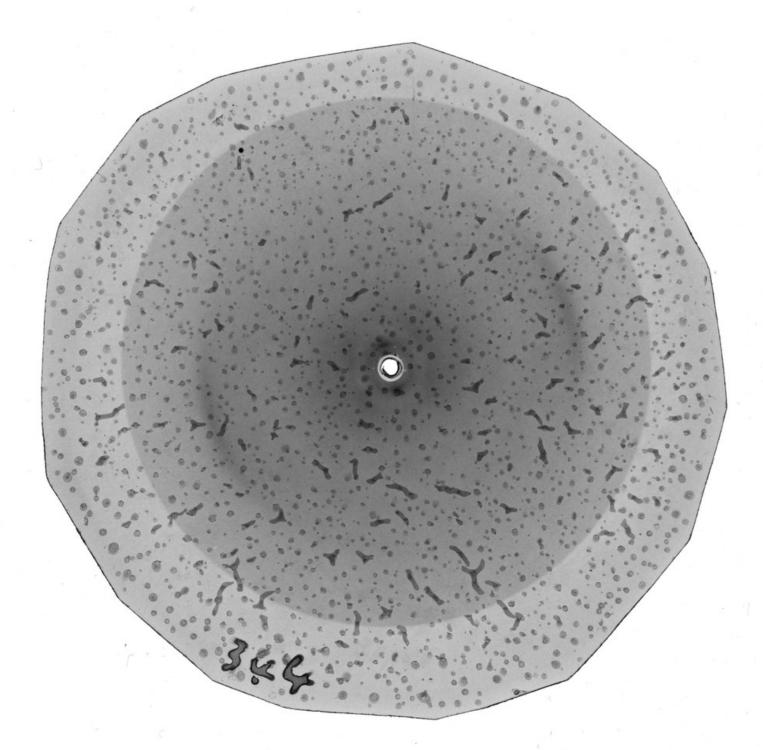
[No.] 471 xRS p75 RbDNA [Rubidium salt of DNA] 6/4/55



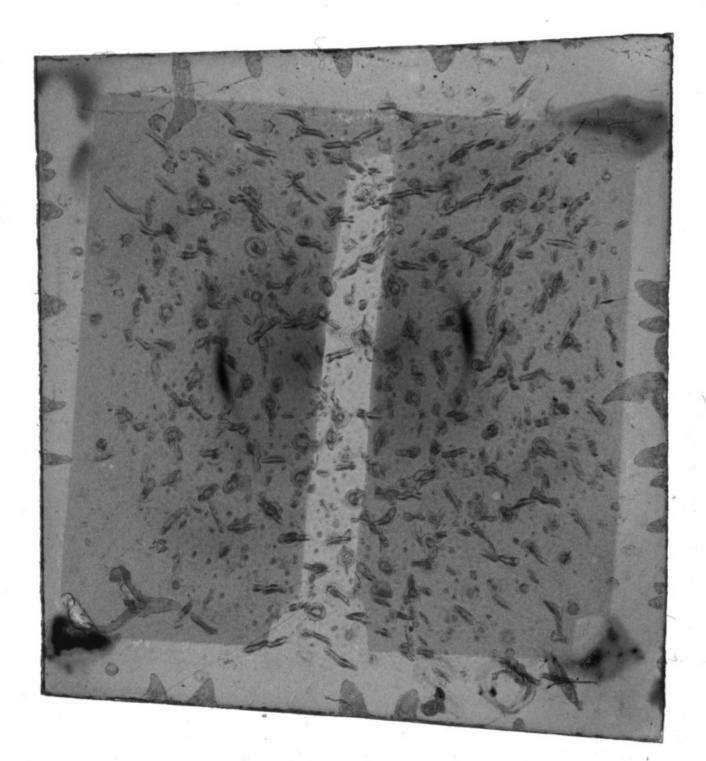
[No.] 506 RbDNA [Rubidium salt of DNA] Good Mic Picture



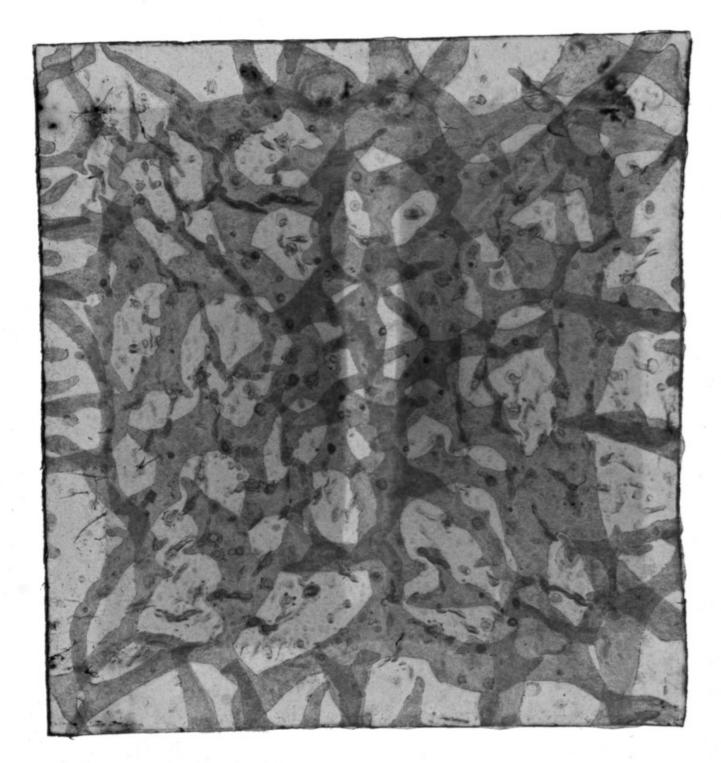
RbDNA [Rubidium salt of DNA] GEB 91-1 12/2/54 344



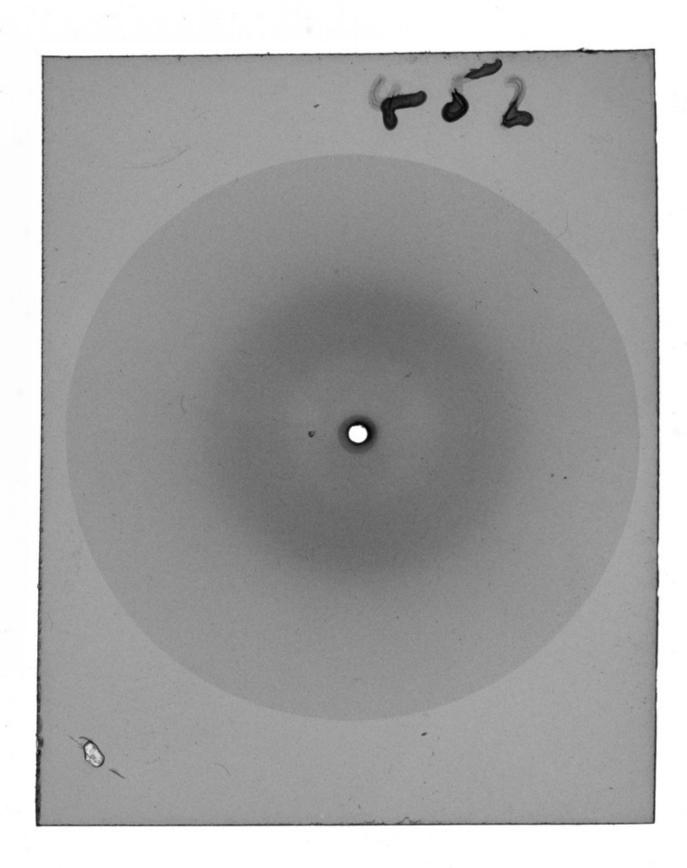
RbDNA [Rubidium salt of DNA] GEB 91-1 12/2/54 344



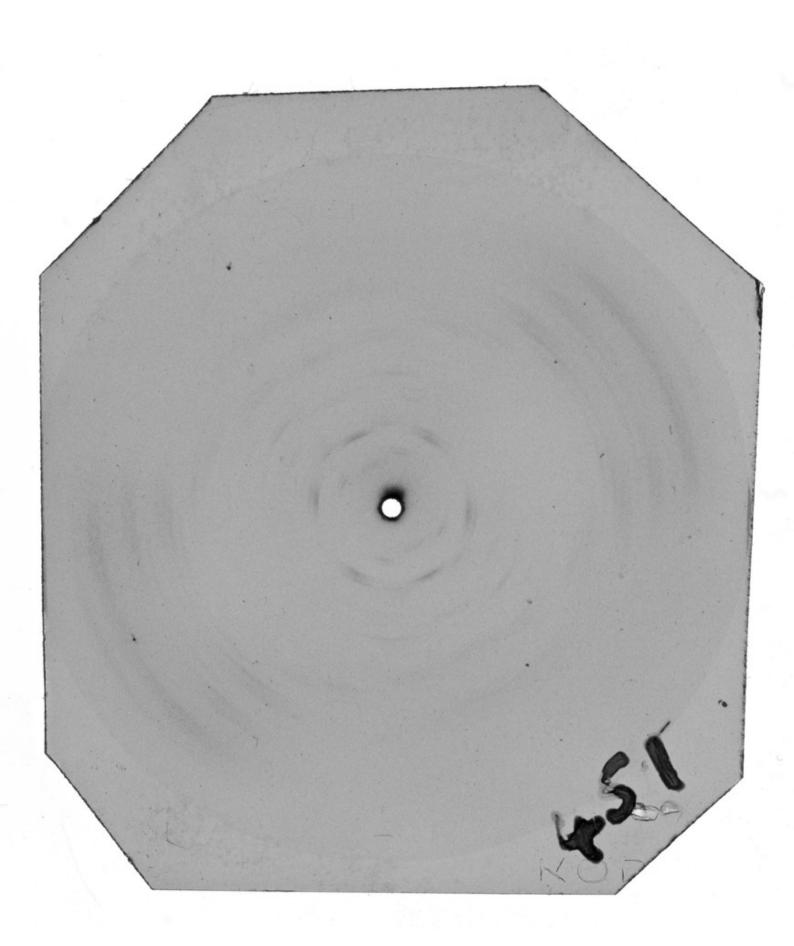
102 & 103 Low angle at 98% [relative humidity] of Mouse 180 [mouse sarcoma] C3



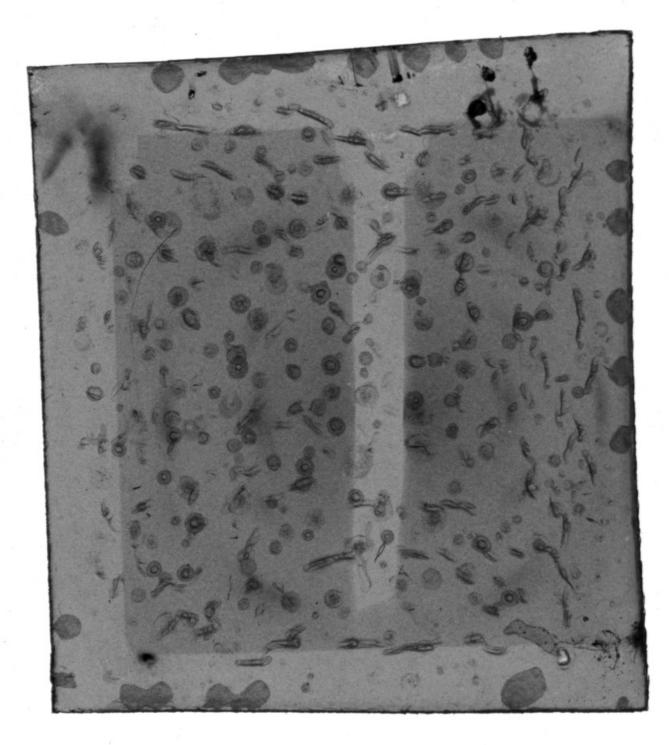
102 & 103 Low angle at 98% [relative humidity] of Mouse 180 [mouse sarcoma] C3



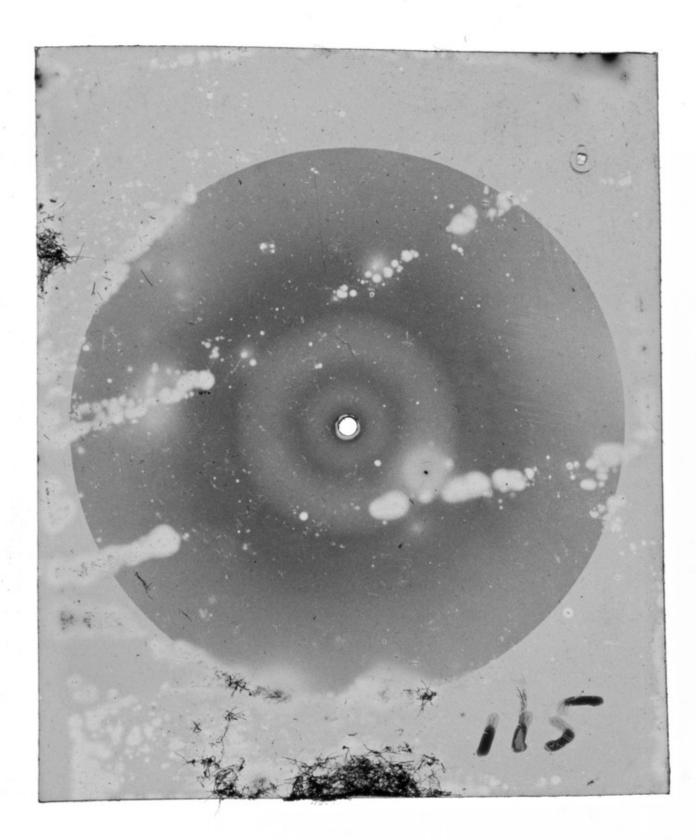
452 fine chick lyth[ocyte] DNA



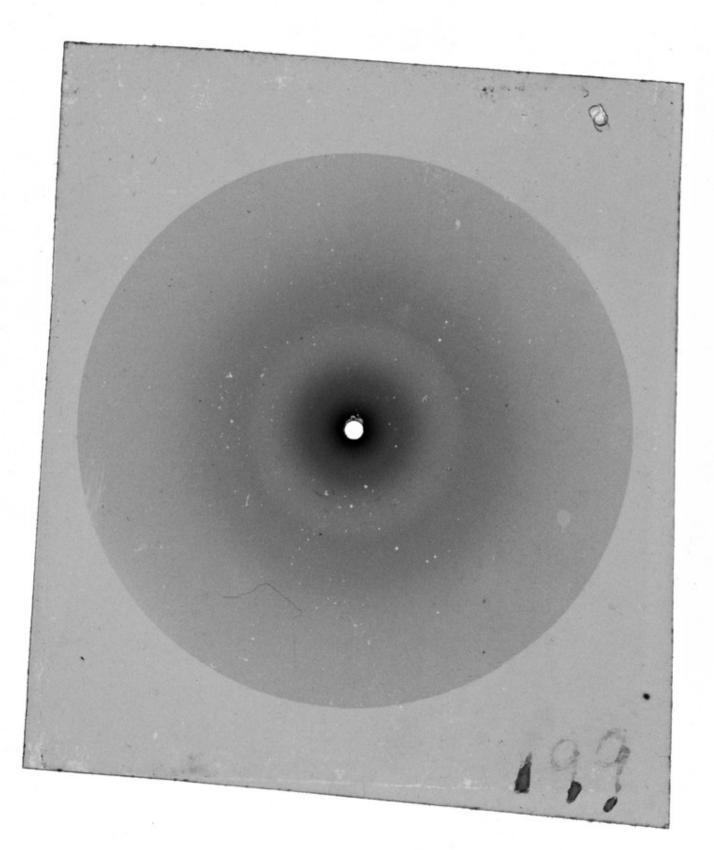
452 fine chick lyth[ocyte] DNA



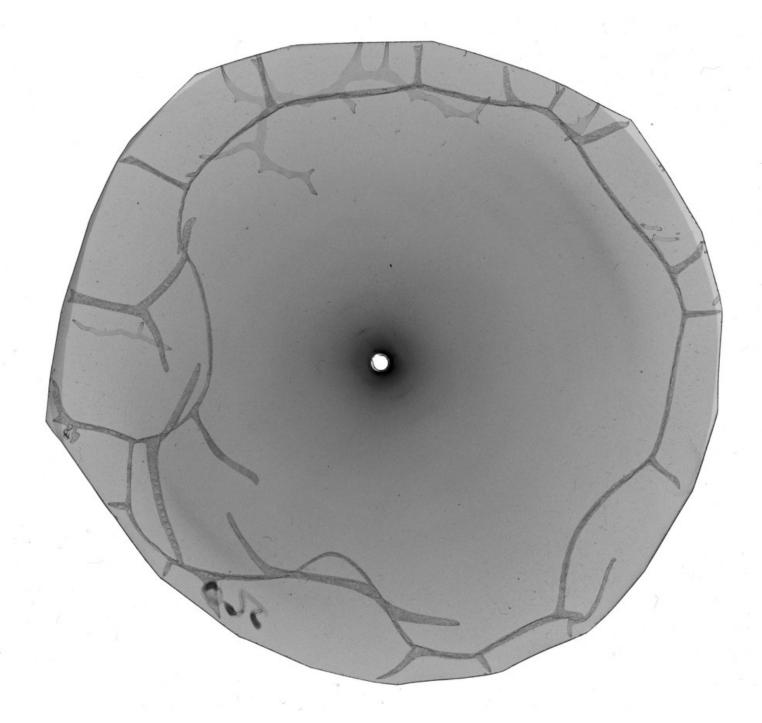
No. 99 98% H [relative humidity] Low Angle. Mouse DNA S 180 [mouse sarcoma] C 3



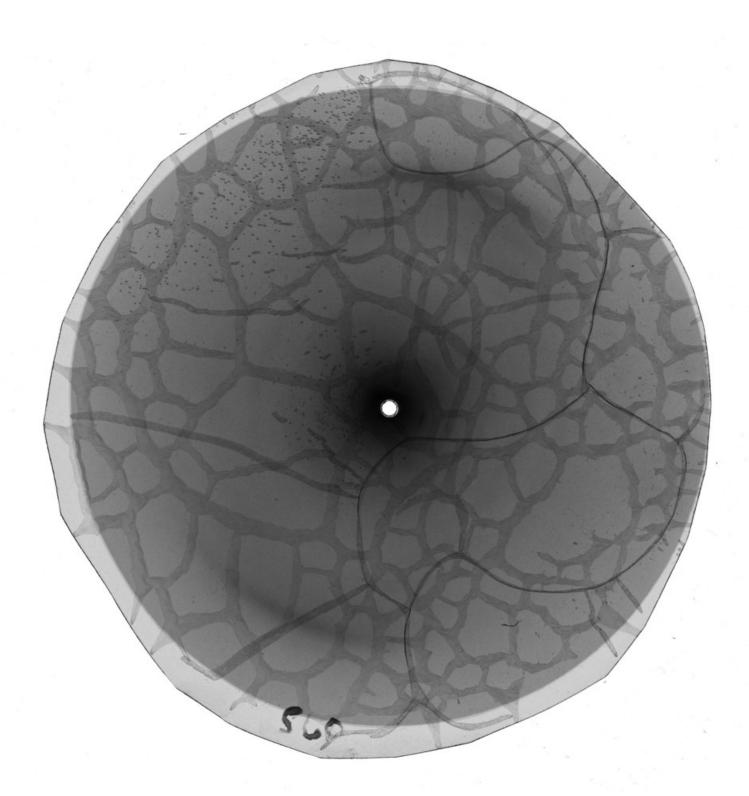
Histone at 98% H [relative humidity] 415



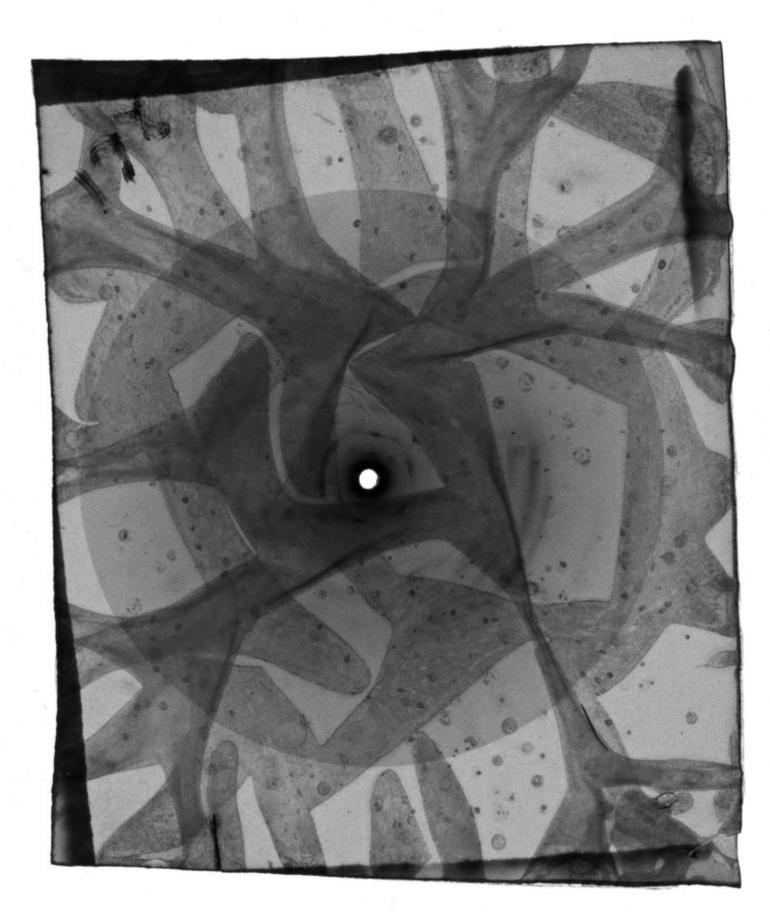
Histone at 98% H [relative humidity] 415



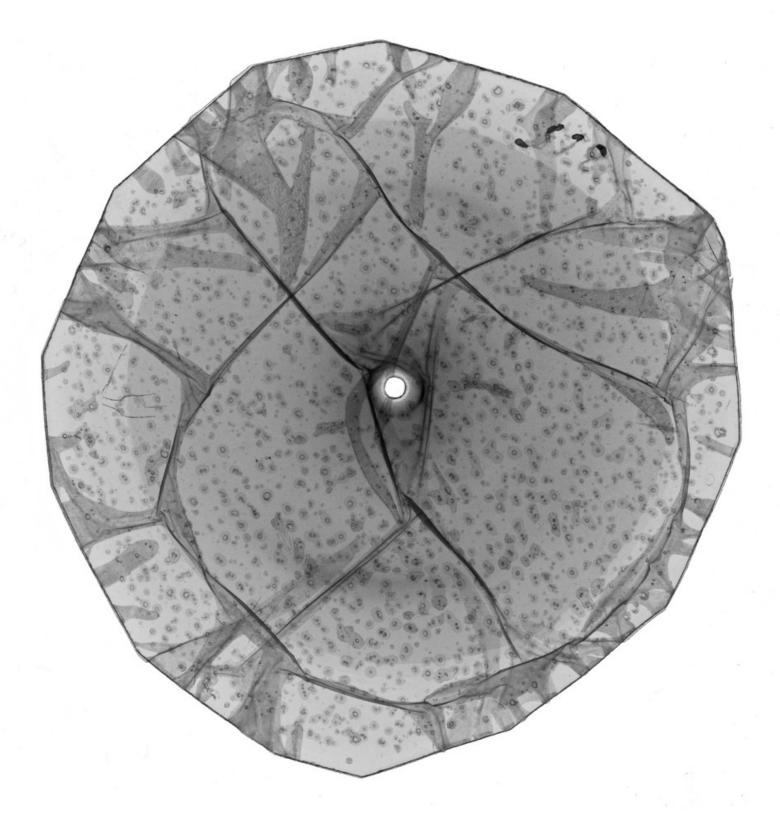
[No.] 560 RbDNA [Rubidium salt of DNA]



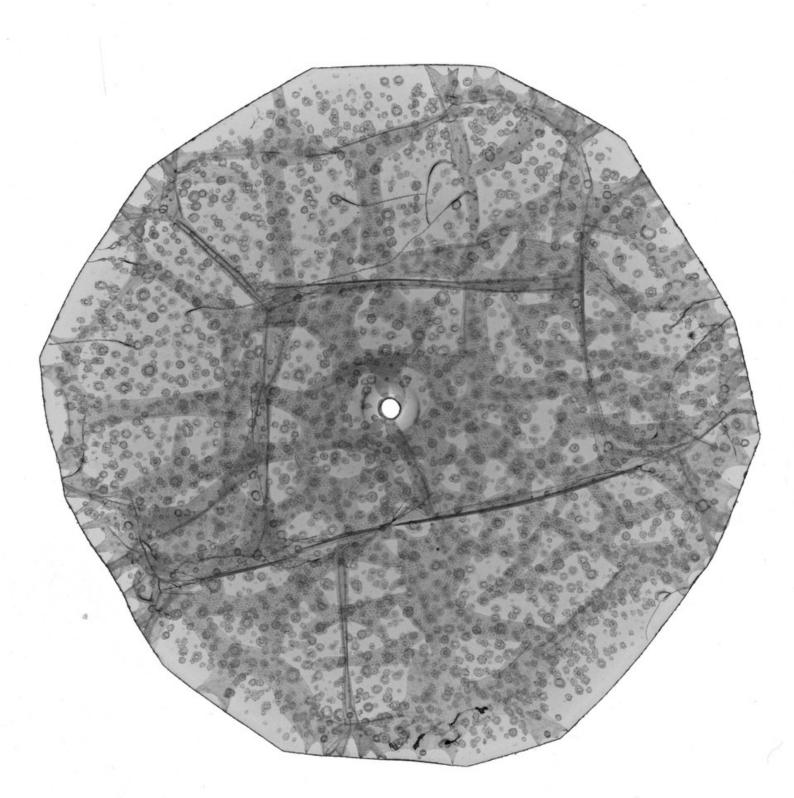
[No.] 560 RbDNA [Rubidium salt of DNA]



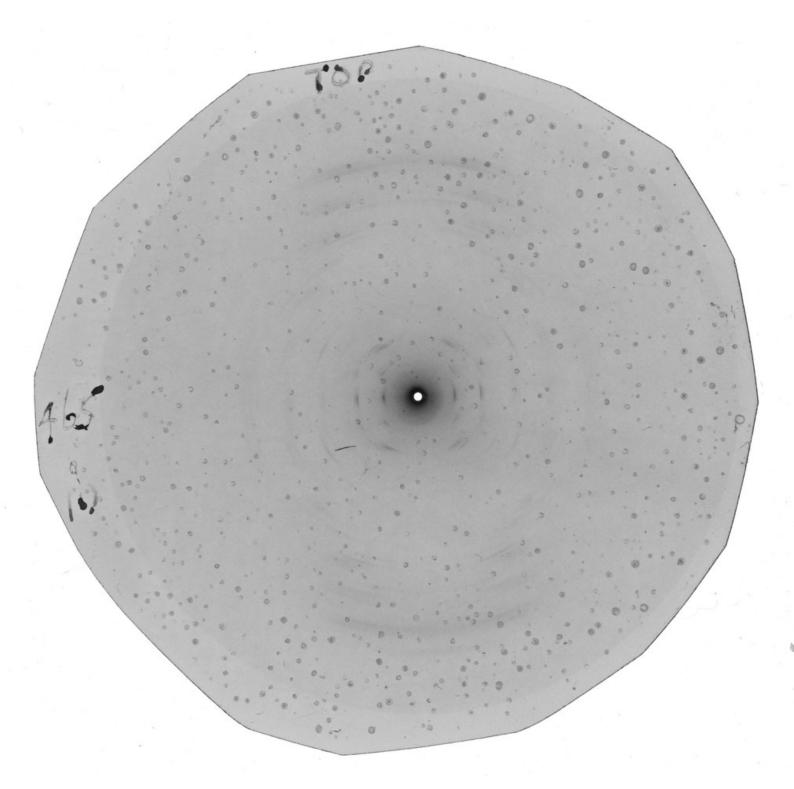
[No.] 261 K-DNA [Potassium salt of DNA]. MP III p189 I [repurified?]



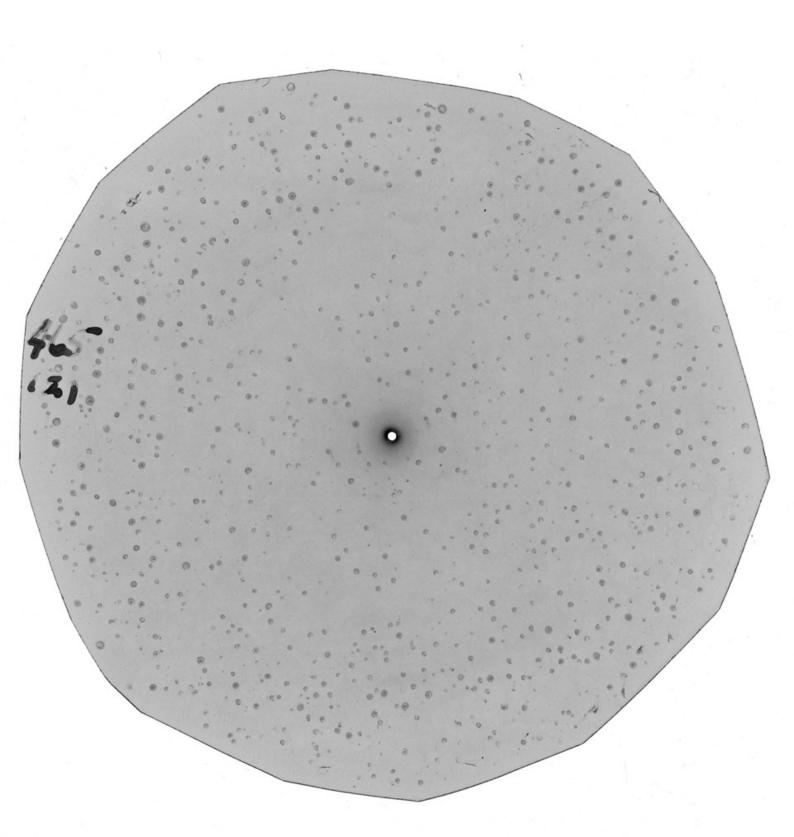
[No.] 315



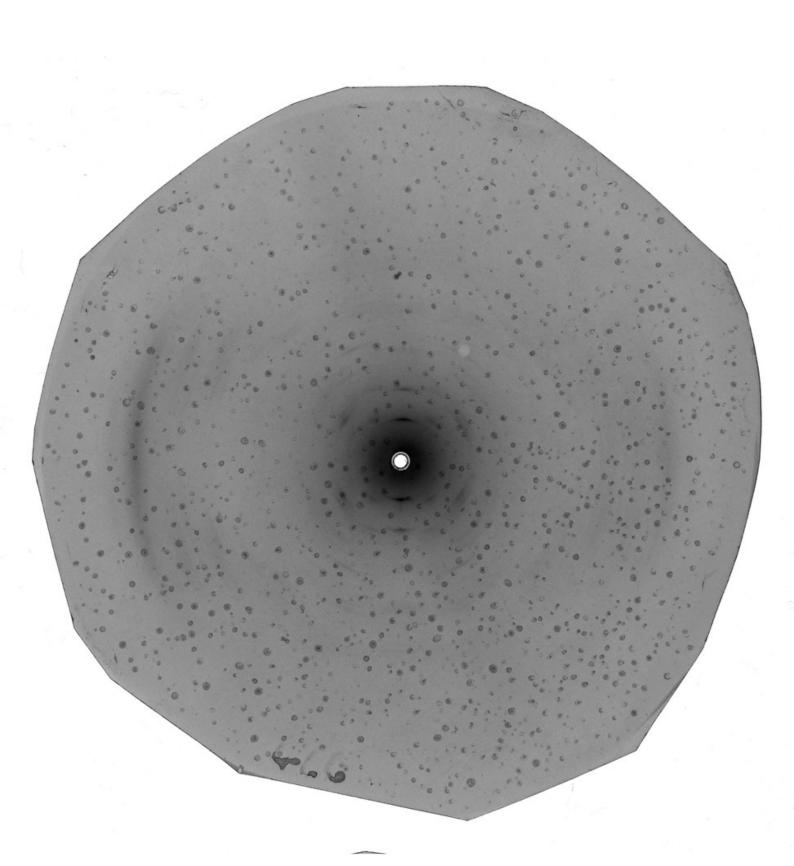
[No.] 315



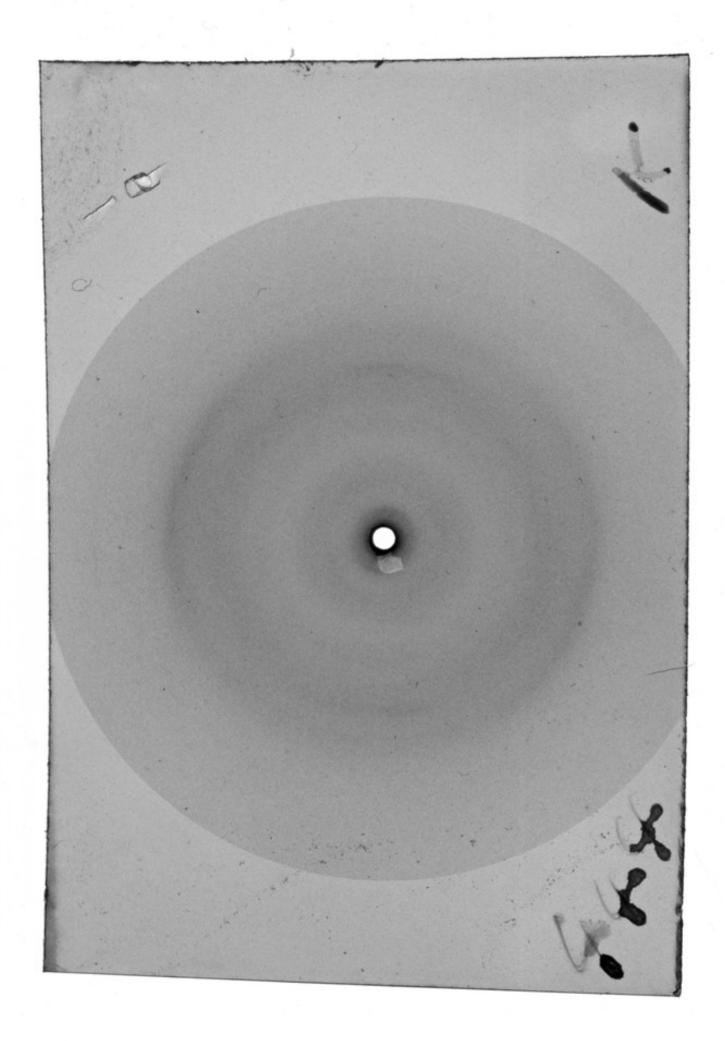
K+ DNA [Potassium salt of DNA] FILM 465



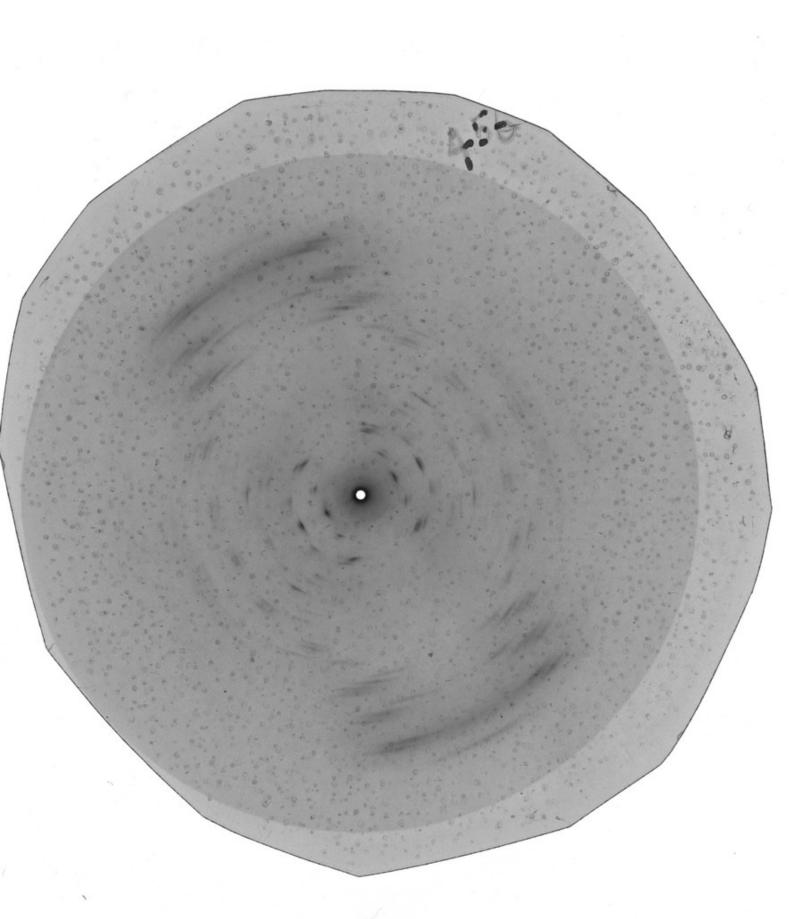
K+ DNA [Potassium salt of DNA] FILM 465



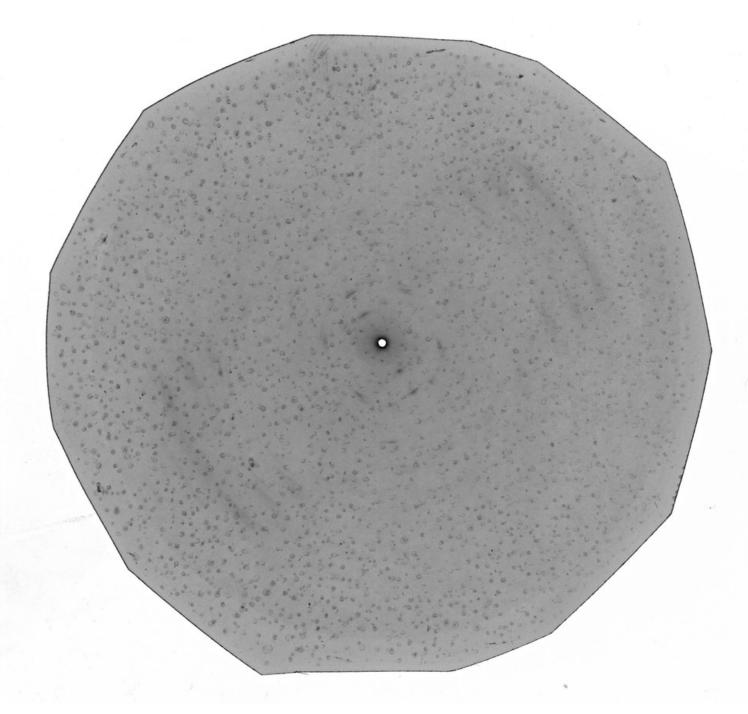
[No.] 466 KDNA [Potassium salt of DNA] MP (LDH [Leonard D Hamilton])



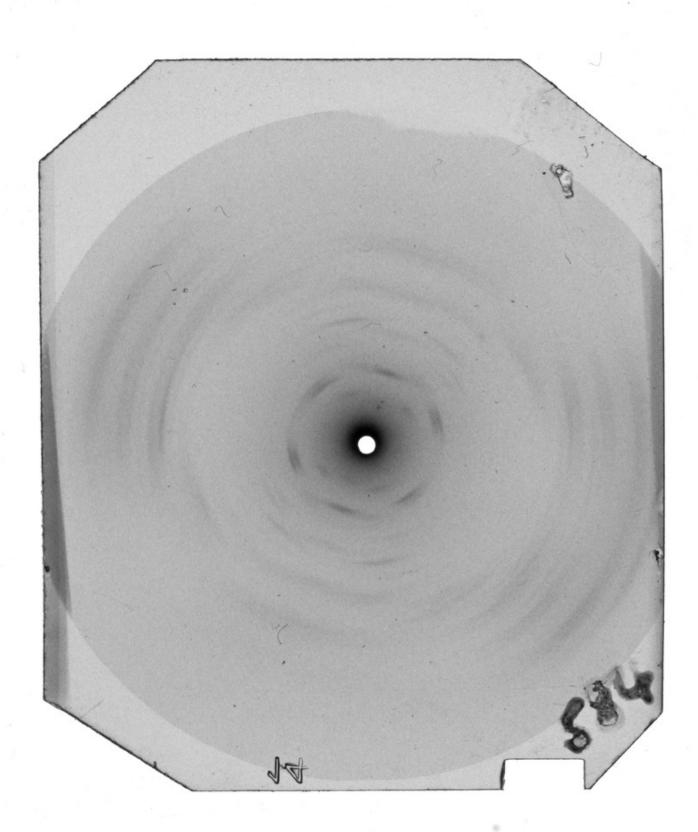
[No.] 444 X-RS p34 K DNA [Potassium salt of DNA] A 5/12/55



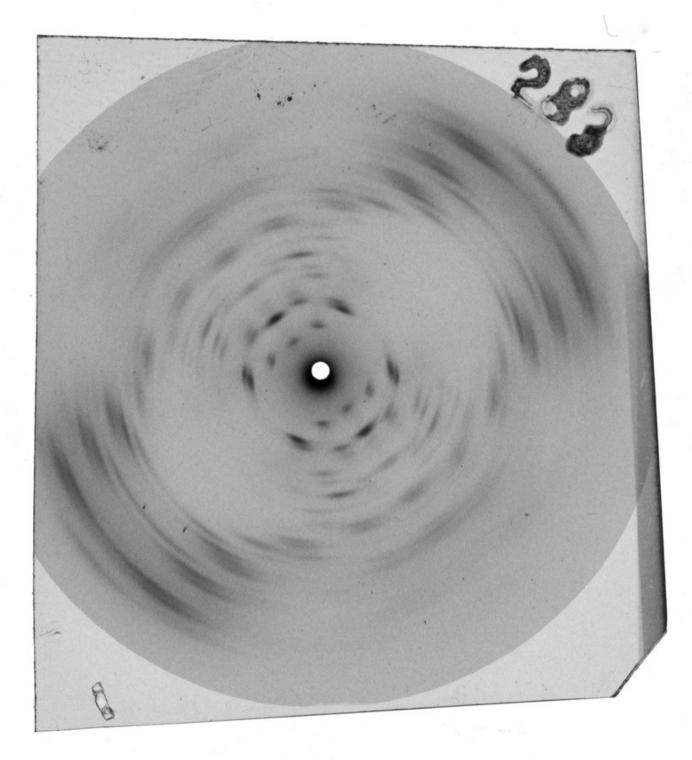
[No.] 456



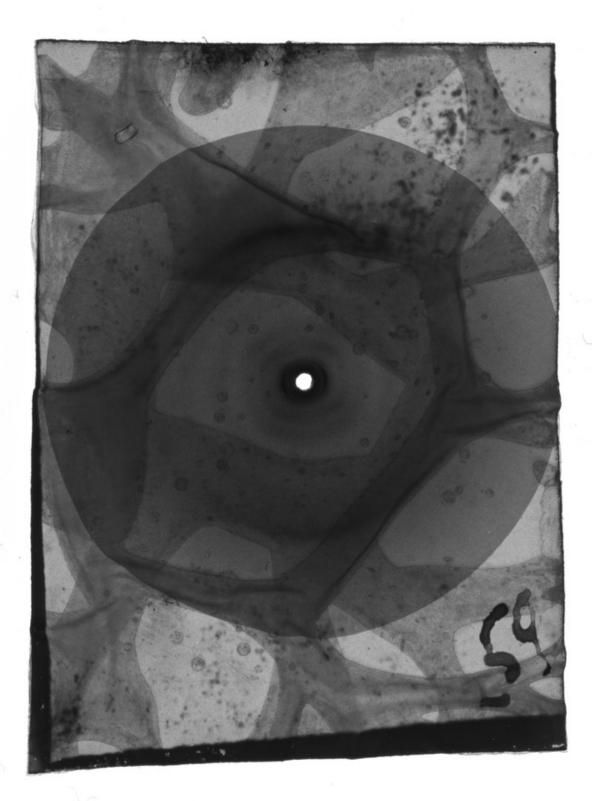
[No.] 456



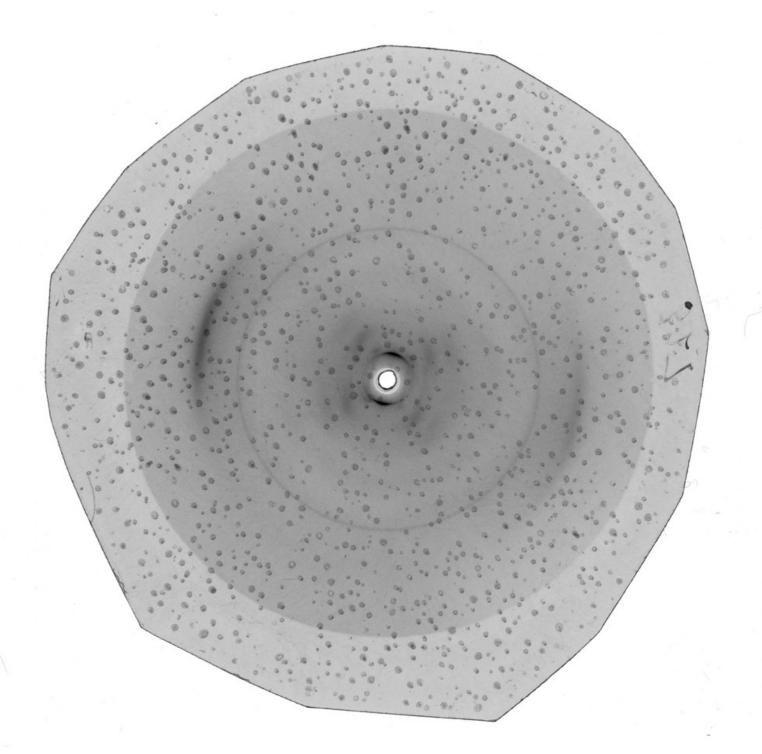
[No.] 583 & 584 K R S p95 2/16/55 & X III INP.I. 2/23/55



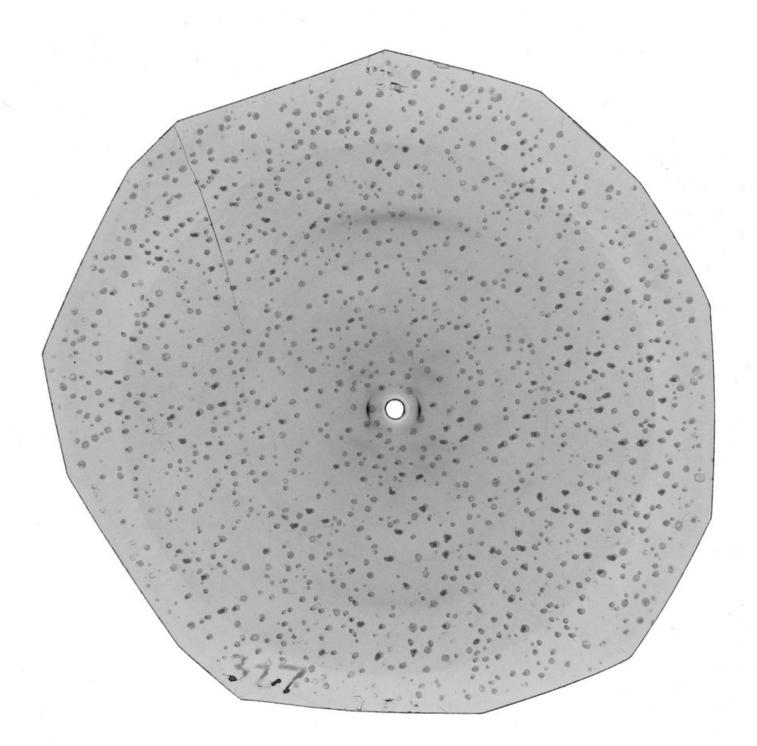
[No.] 583 & 584 K R S p95 2/16/55 & X III INP.I. 2/23/55



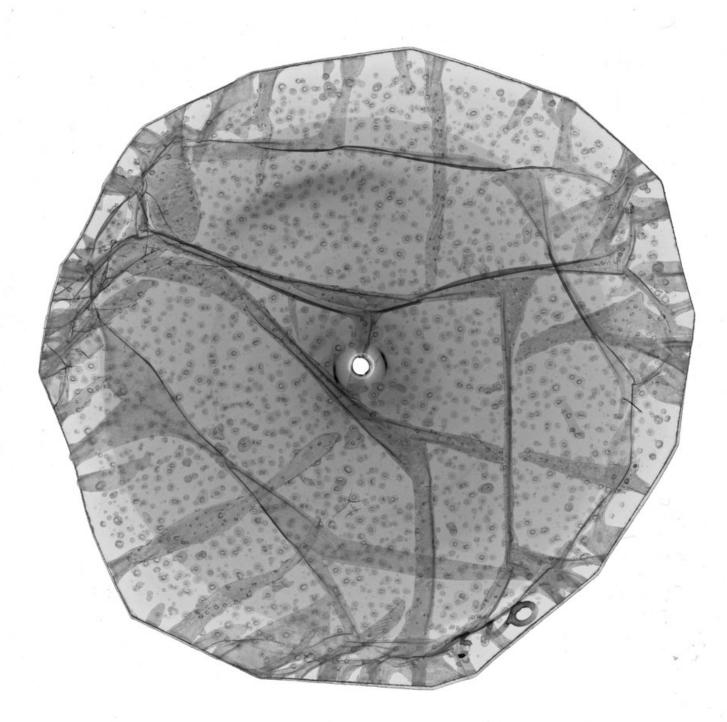
[No.] 259 KDNA [Potassium salt of DNA] III MAP 189 4/30/54 78% RH [relative humidity]



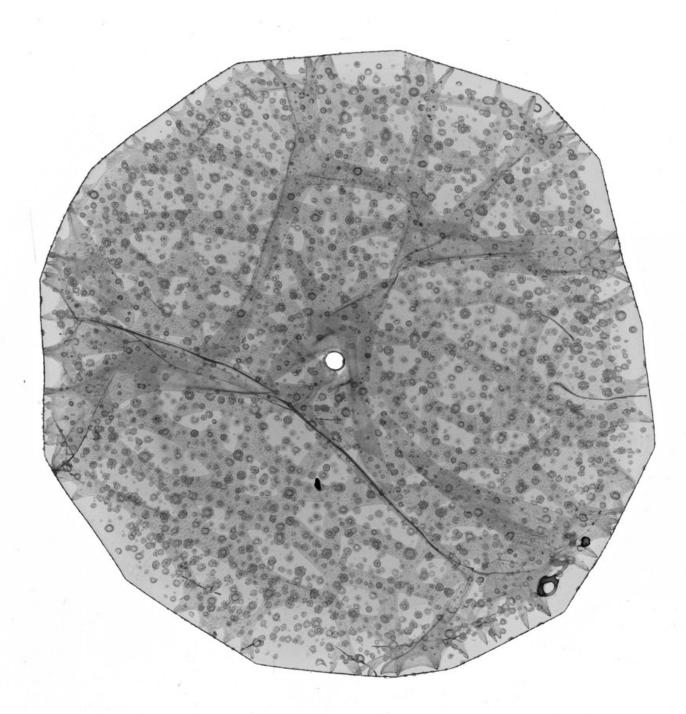
[No.] 327 K DNA [Potassium salt of DNA]



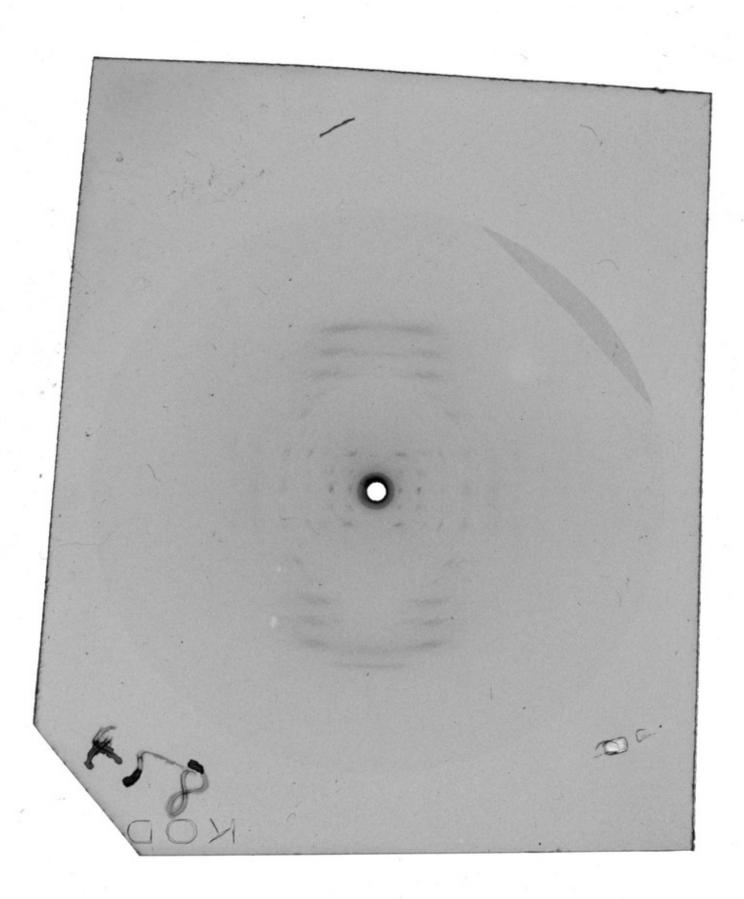
[No.] 327 K DNA [Potassium salt of DNA]



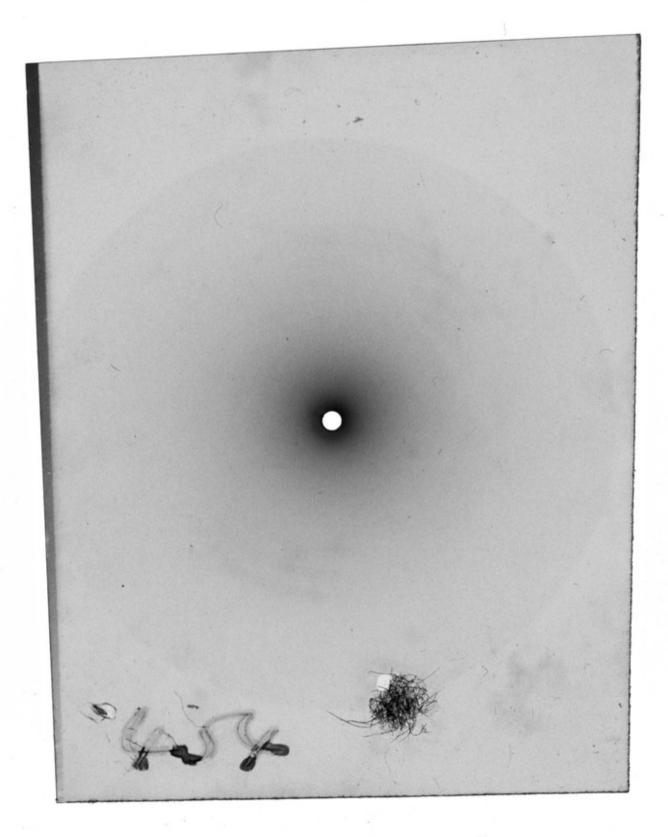
[No.] 320 K-DNA [Potassium salt of DNA] 3MAP 189 7/1/54



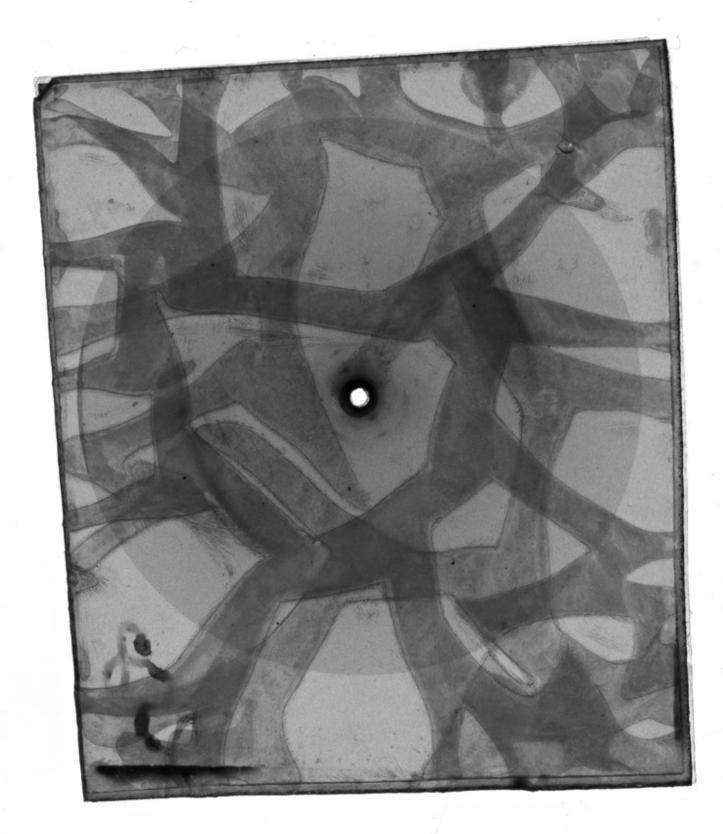
[No.] 320 K-DNA [Potassium salt of DNA] 3MAP 189 7/1/54



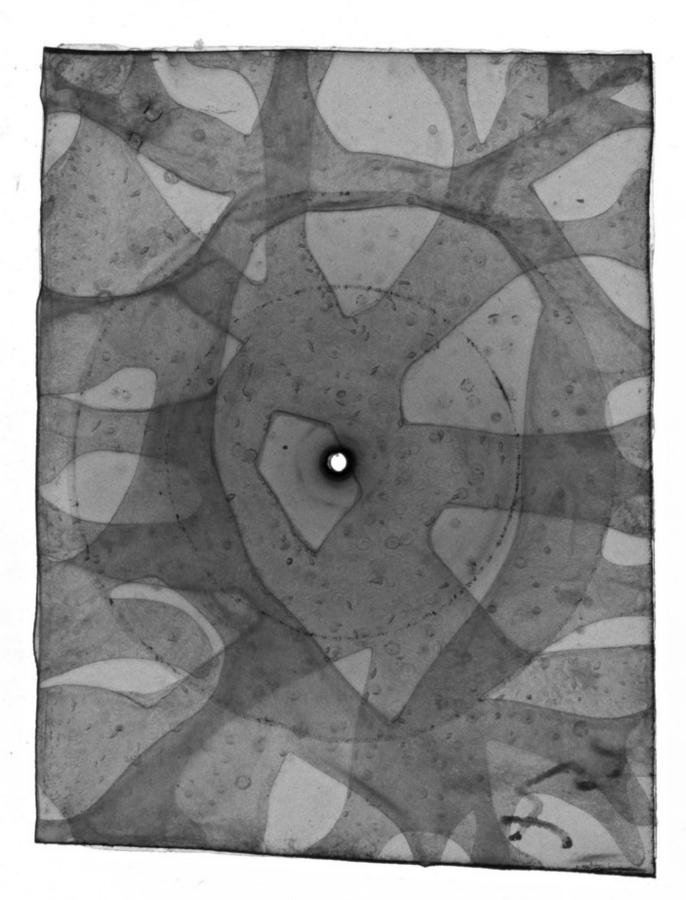
K-DNA [Potassium salt of DNA] Ia 6/1/55 MAP IV p91



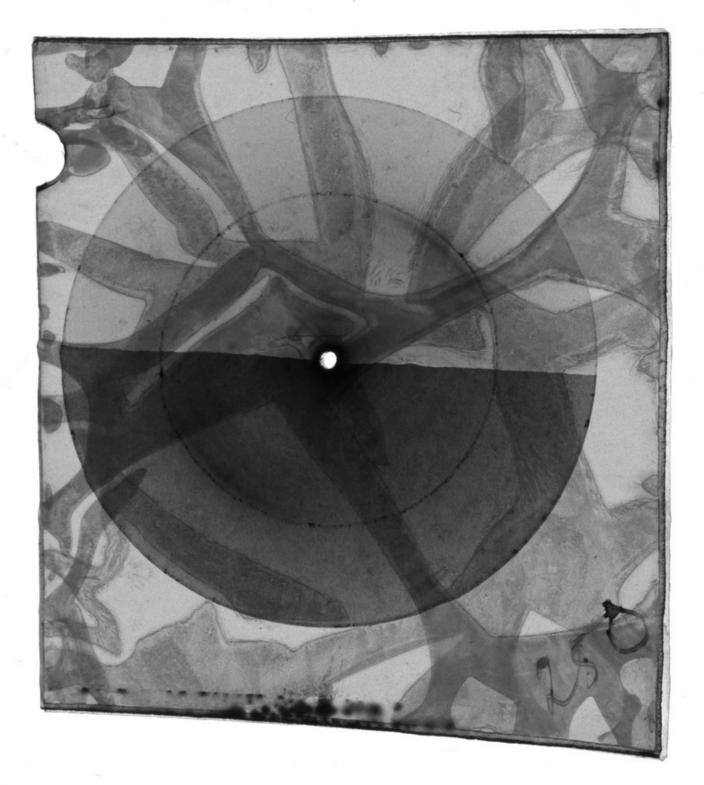
[No.] 454 xRS p49 KDNA [Potassium salt of DNA] 5/26/55



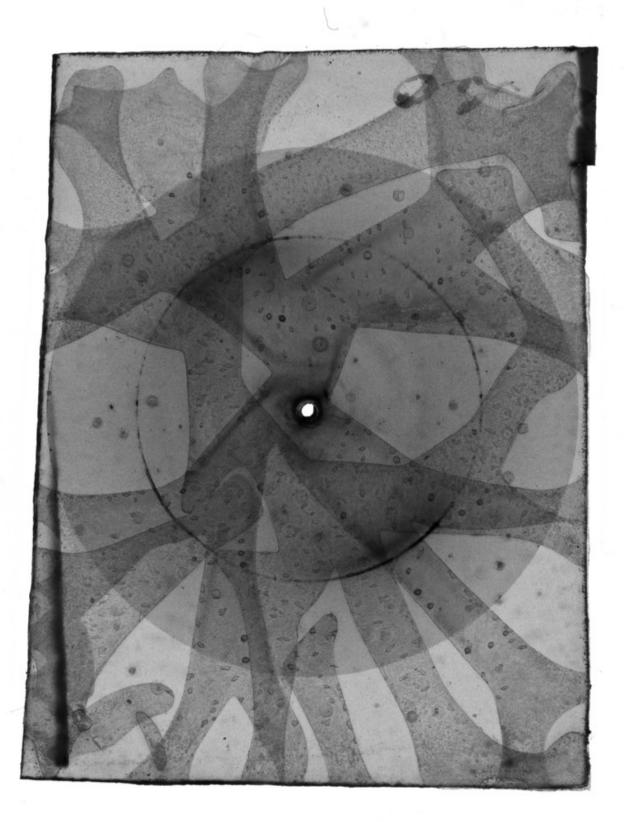
[No.] 258 K-DNA [Potassium salt of DNA] MP III p189 I [repurified?]



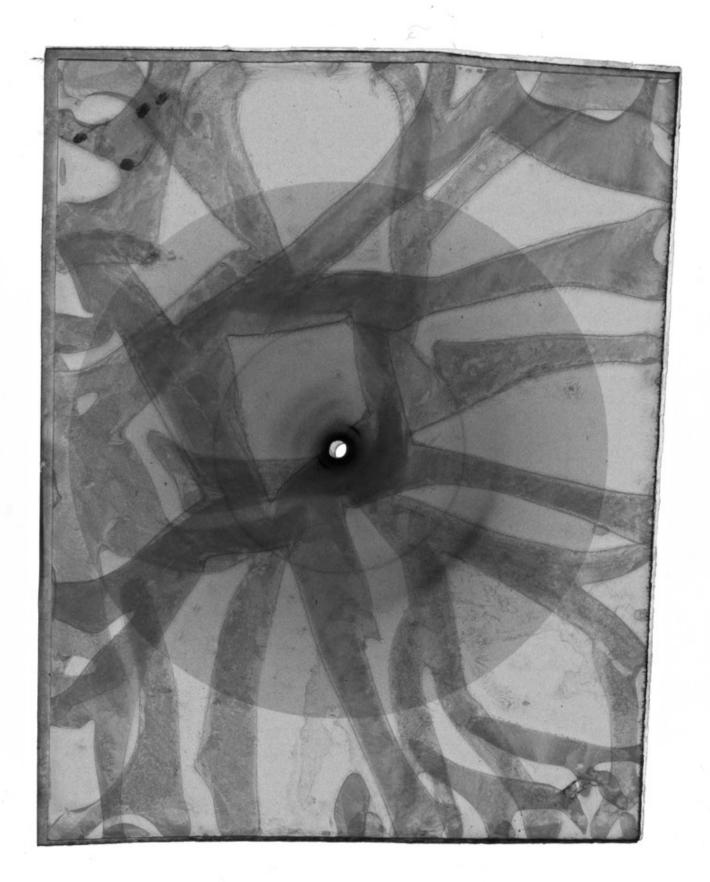
[No.] 254 KDNA [Potassium salt of DNA] III MAP 189 6/30/54



[No.] 250 K DNA [Potassium salt of DNA]

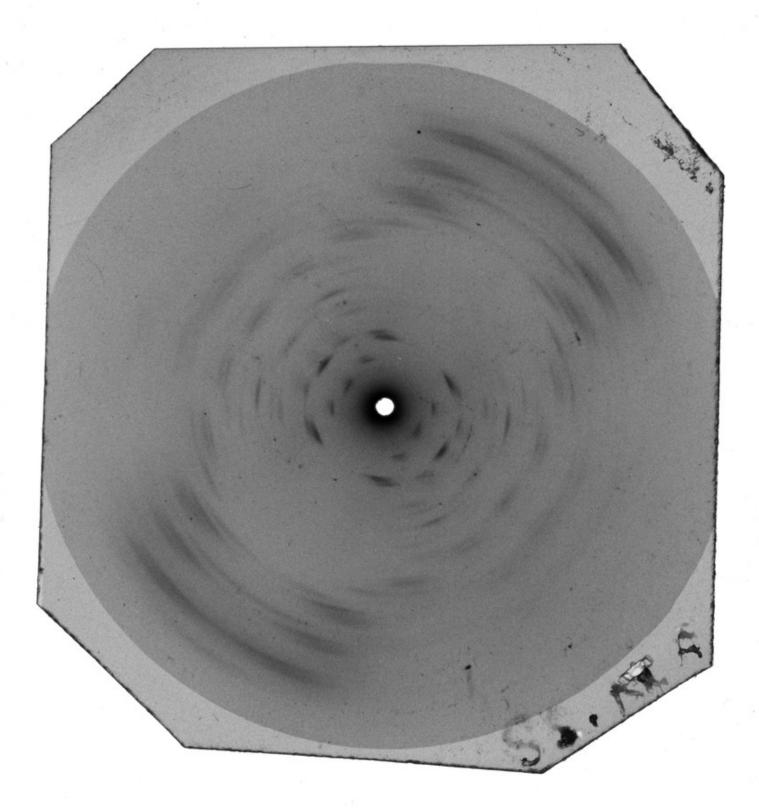


[No,] 260 K-DNA [Potassium salt of DNA]

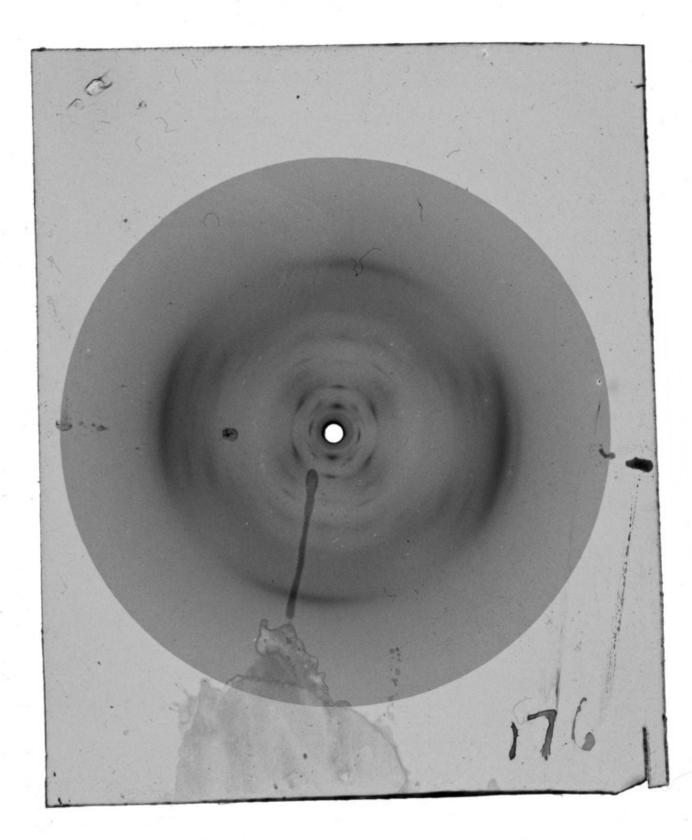


J

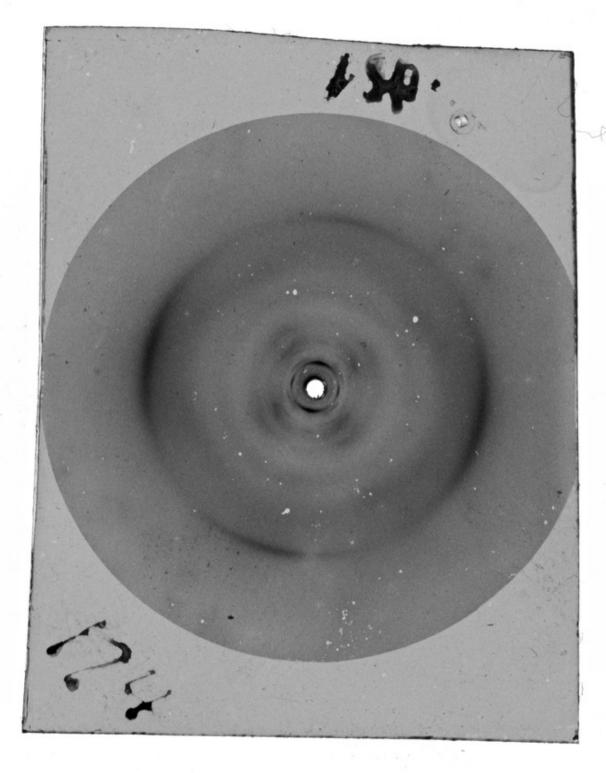
[No.] 252 K n.d. Lat.



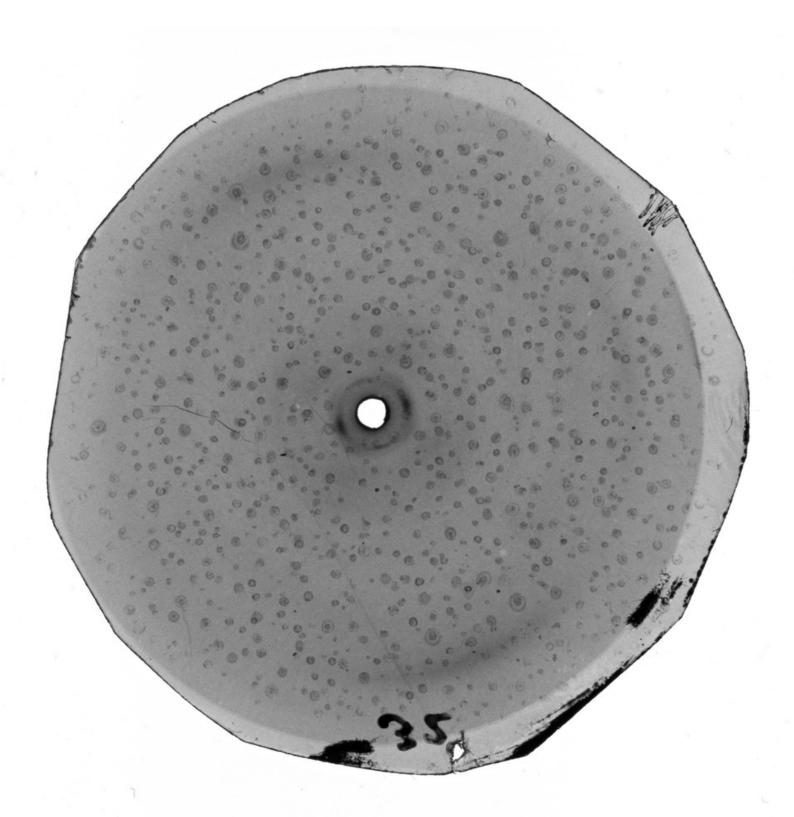
good salmon sperm DNA



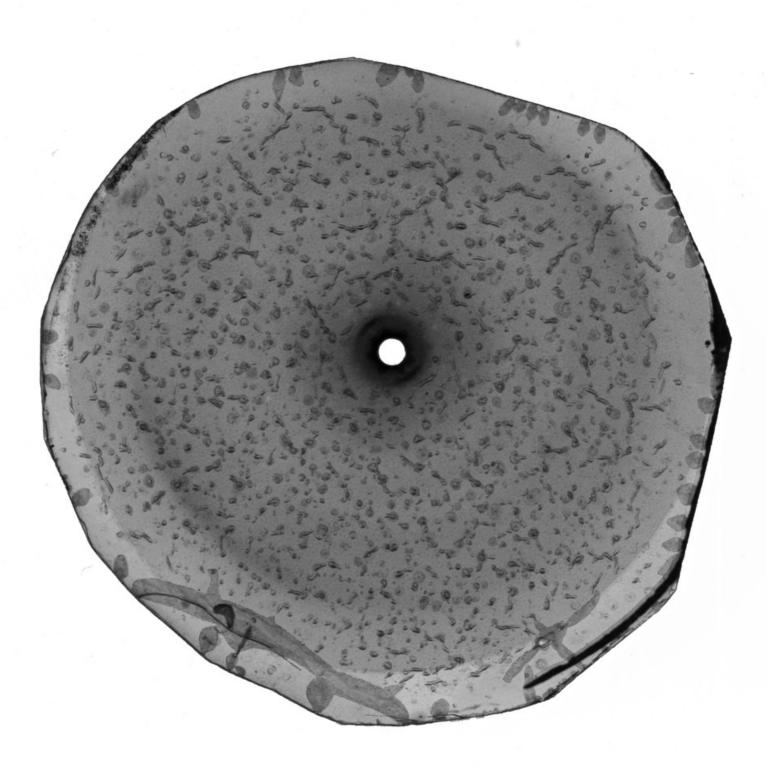
[No.] 176 Sperm or NA. KBr



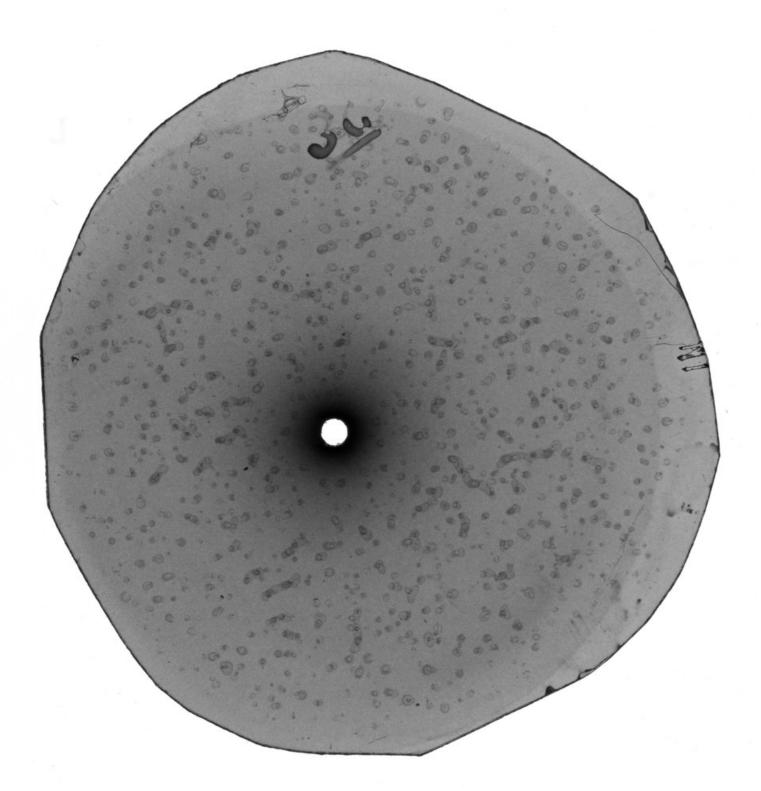
[No.] 176 Sperm or NA. KBr



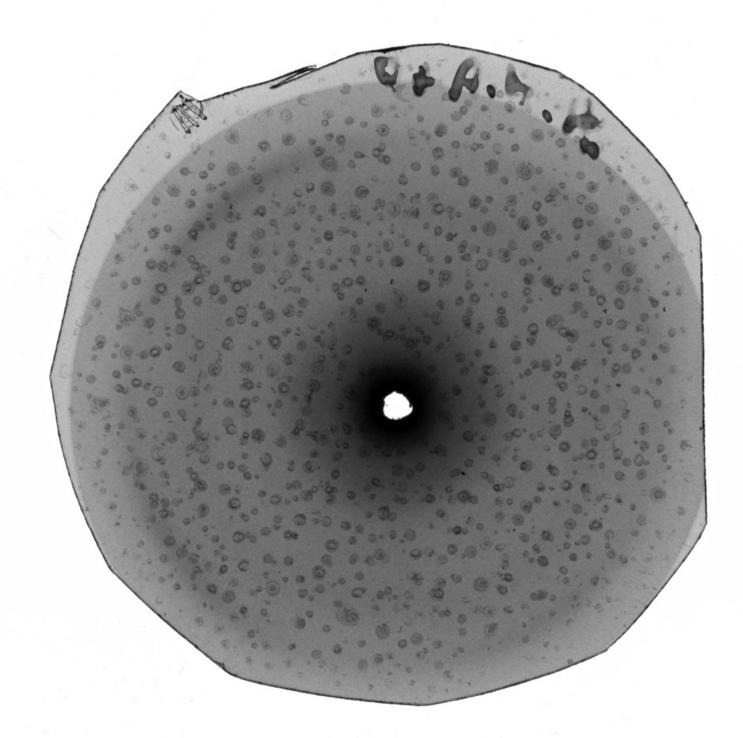
sepia sperm and herring n.a 98% H [relative humidity]



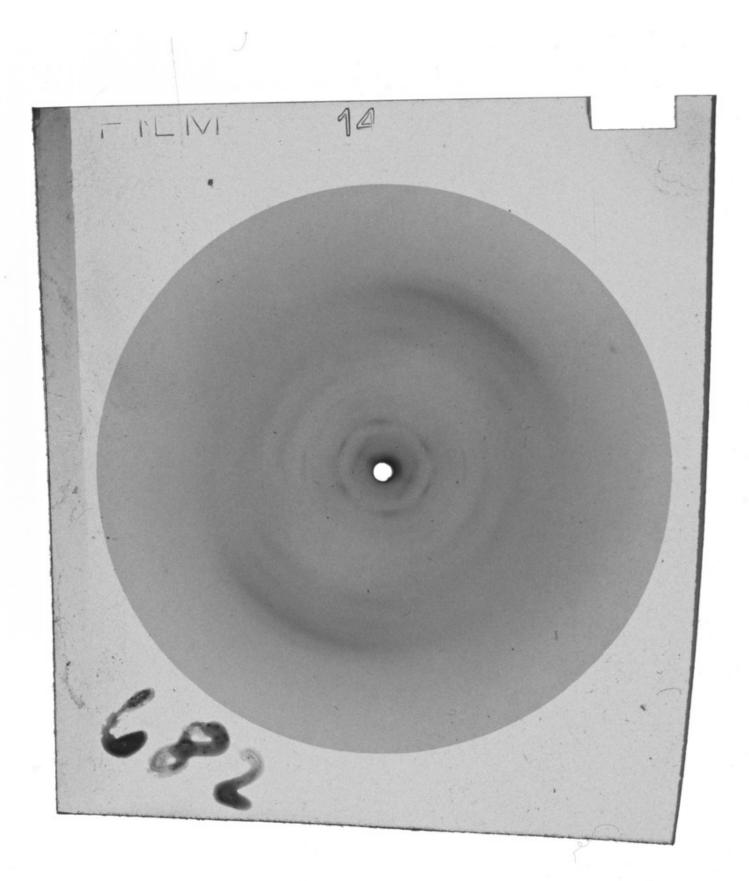
Pig (DNA + Protamine) 98% H [relative humidity] (2 days)



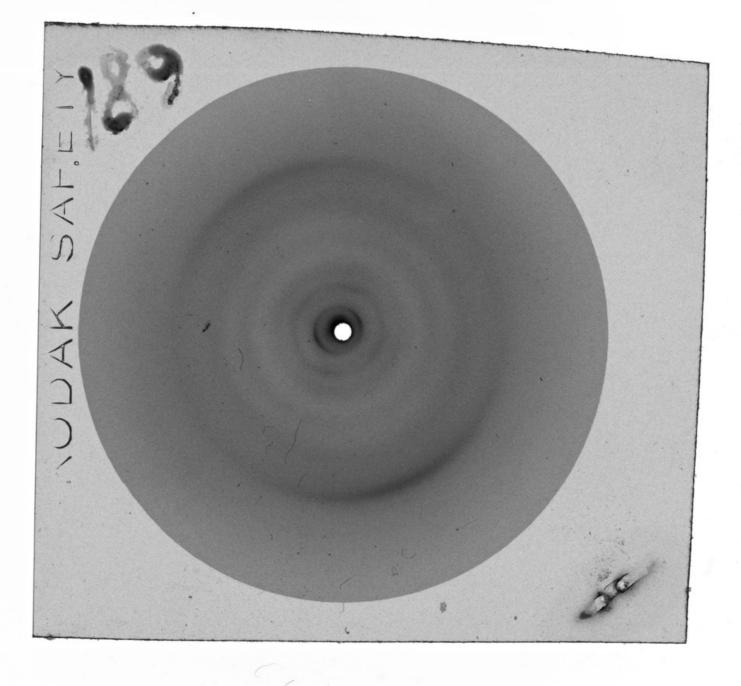
Pig N.A. & Pig N.P. 75% H [relative humidity]



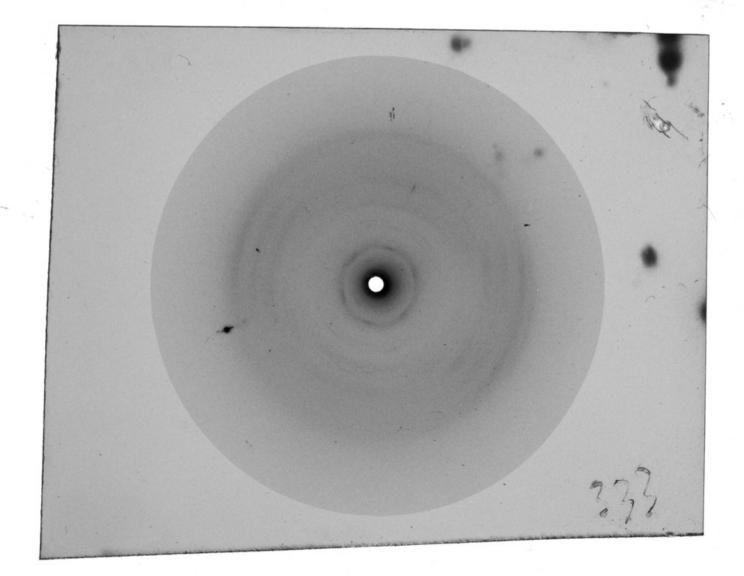
Hermely N.A & N.P. II N.P. 75% H [relative humidity]



Geoffrey's [Brown] DNA 681 682

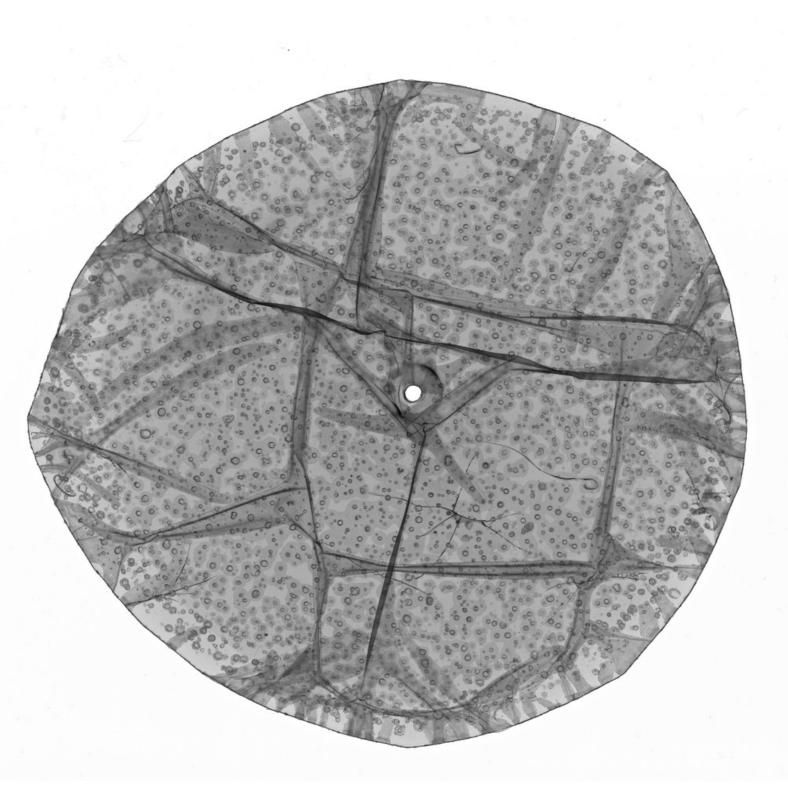


Geoffrey's [Brown] DNA 681 682

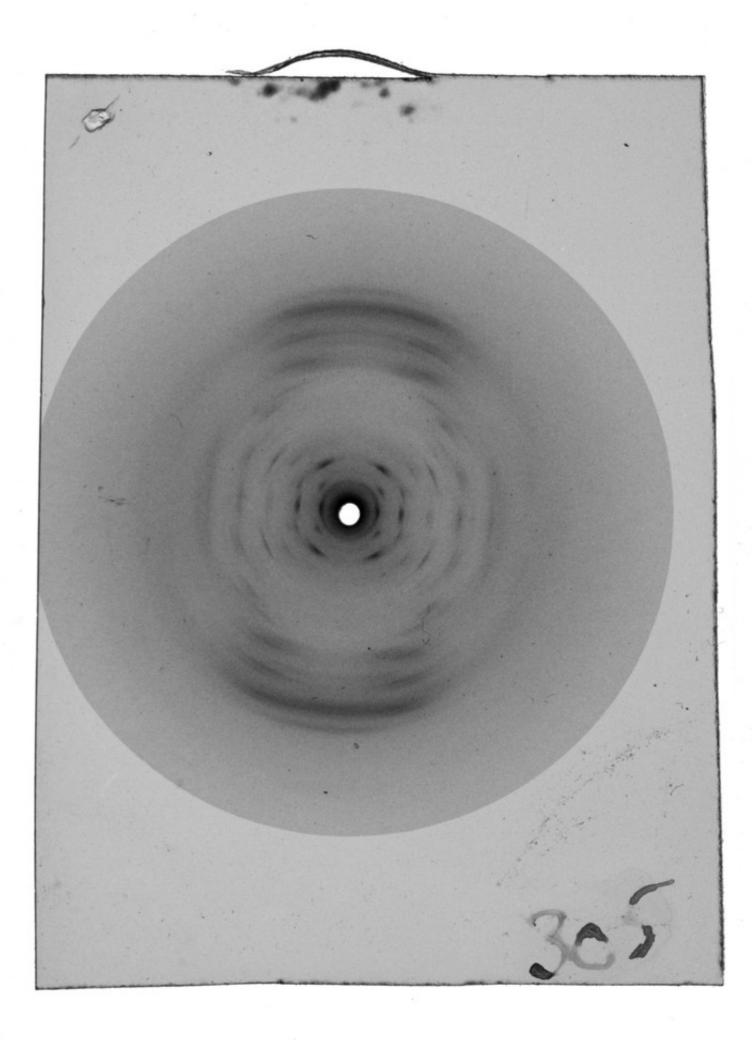




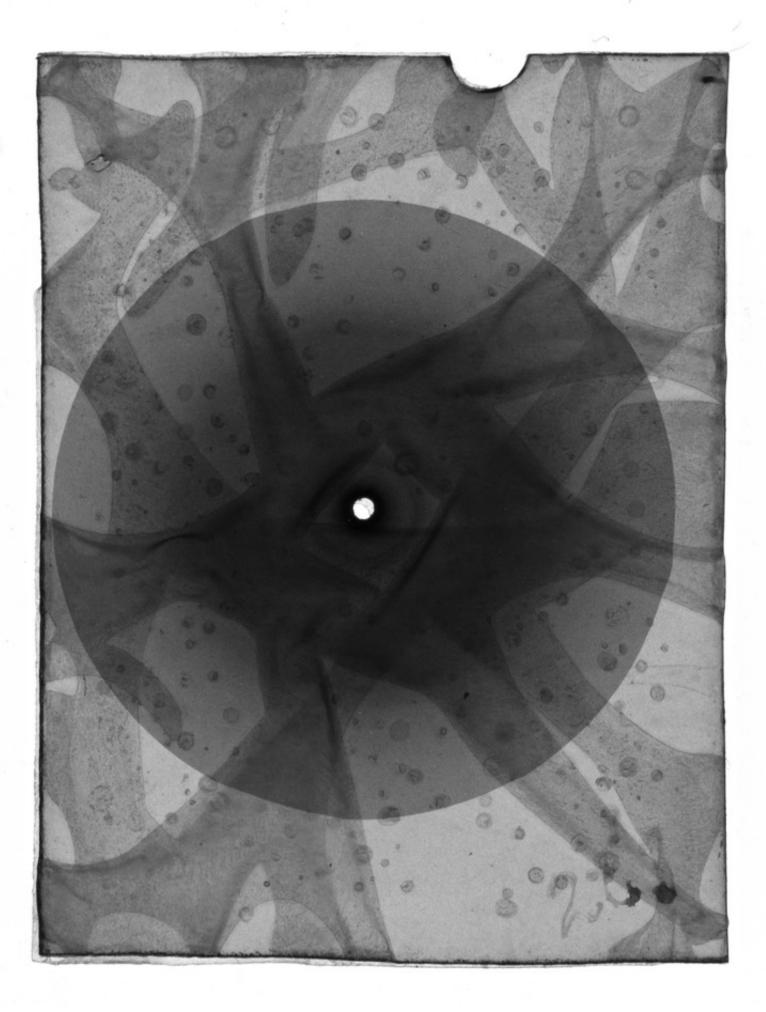
316 3 Coli



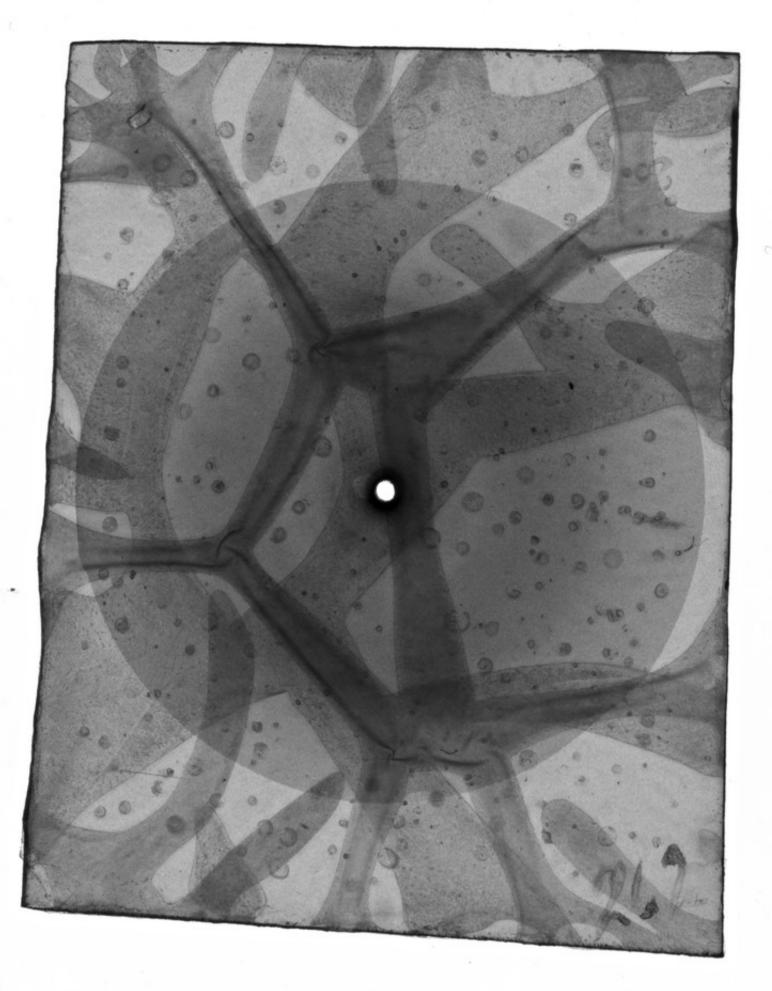
316 3 Coli



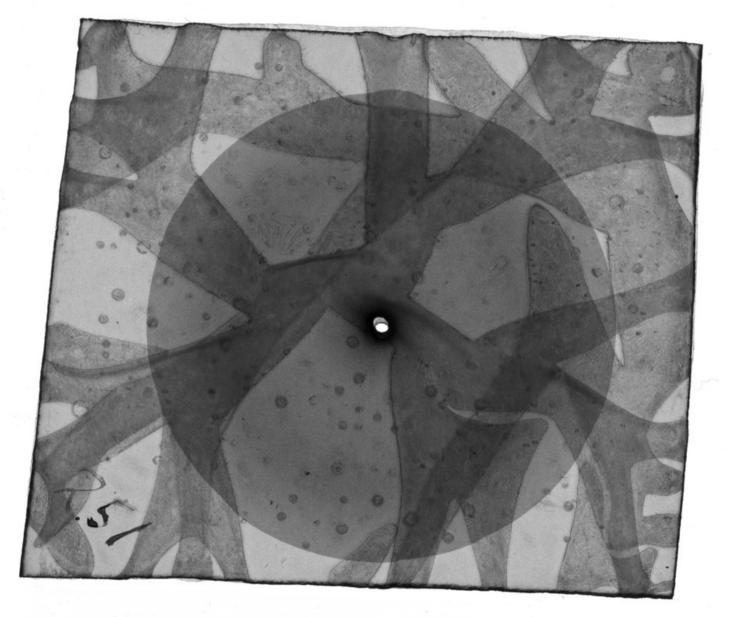
305 B-Coli (after RNase)

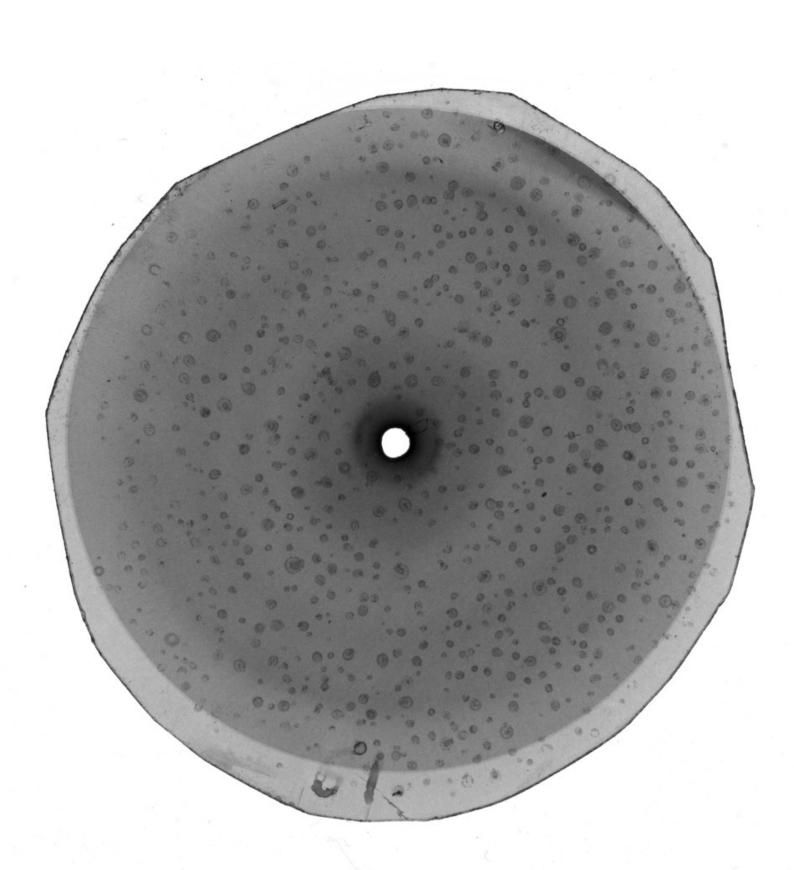


262 & 263 I.DNA

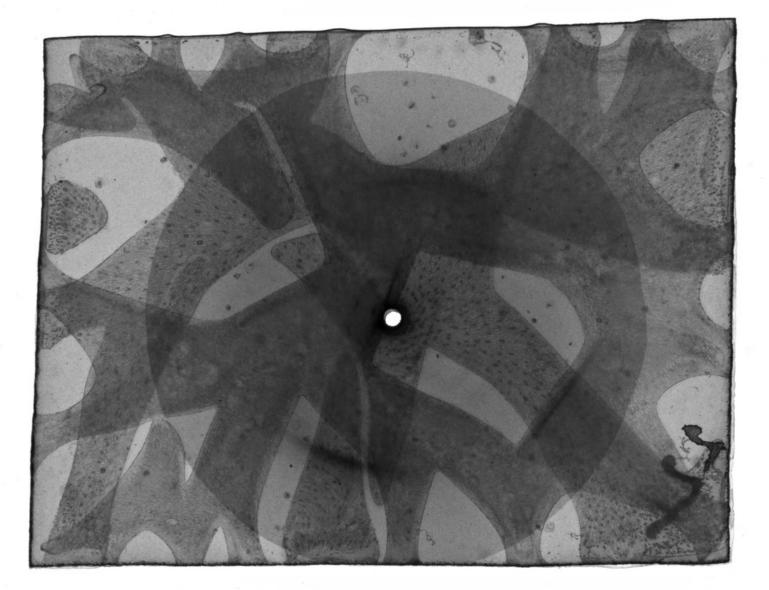


262 & 263 I.DNA

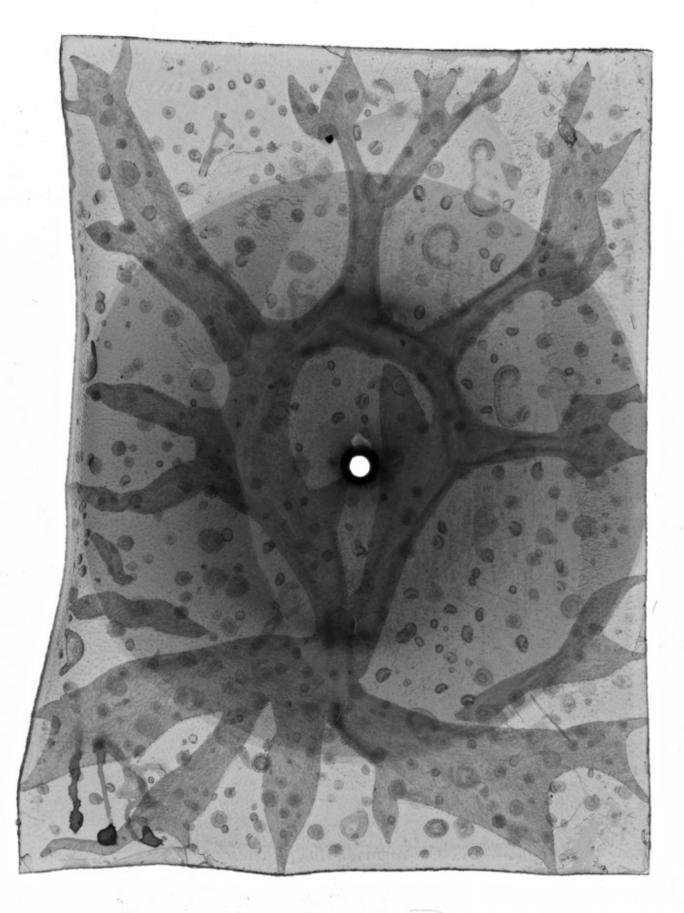


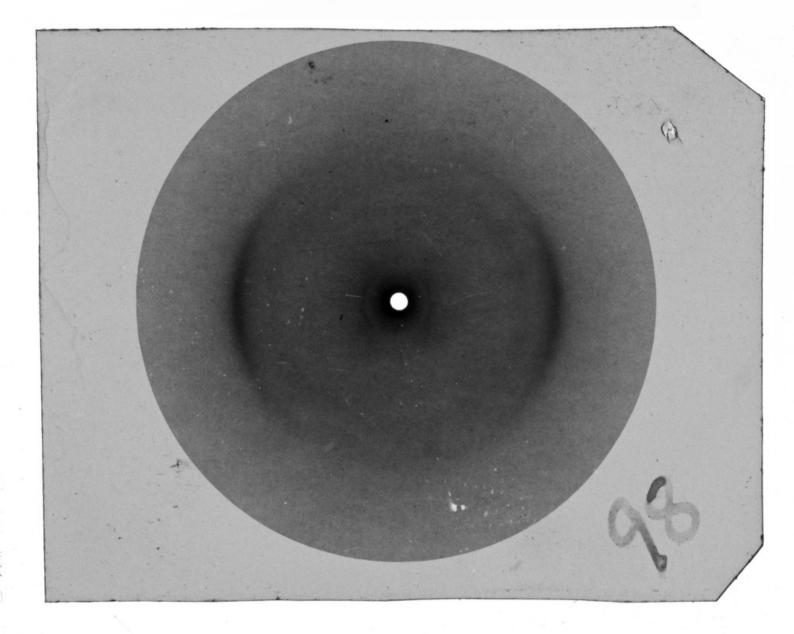


No. 51 Geoffrey [Leonard Brown] No 1

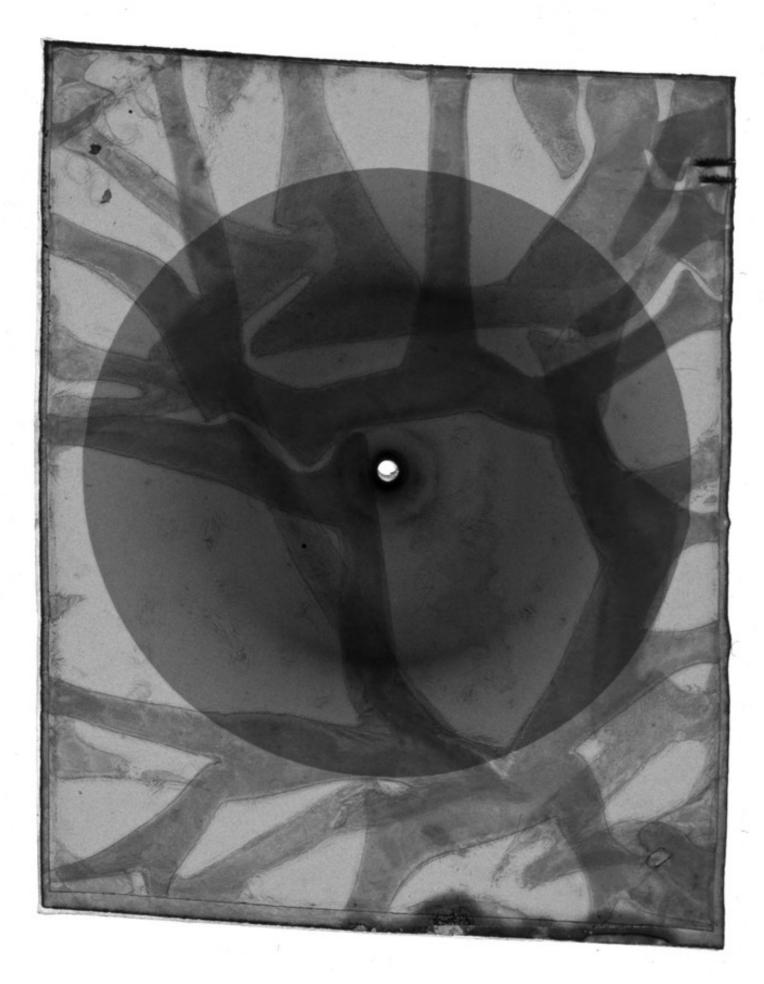


No. 222 (BrUr) B Coli DNA G.L.B. [Geoffrey Leonard Brown] 26.5.54

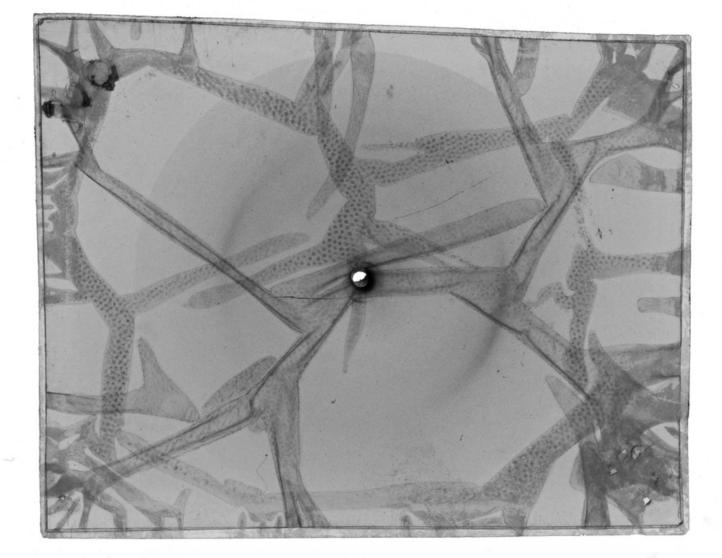




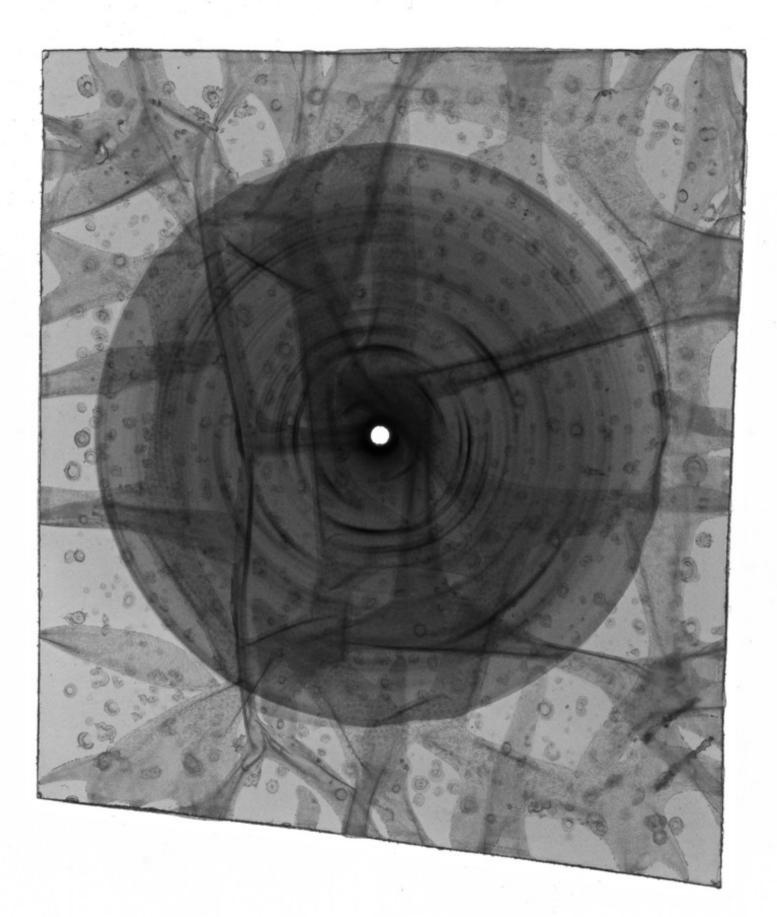
No. 98 Geoffrey's [Leonard Brown] Colt th.

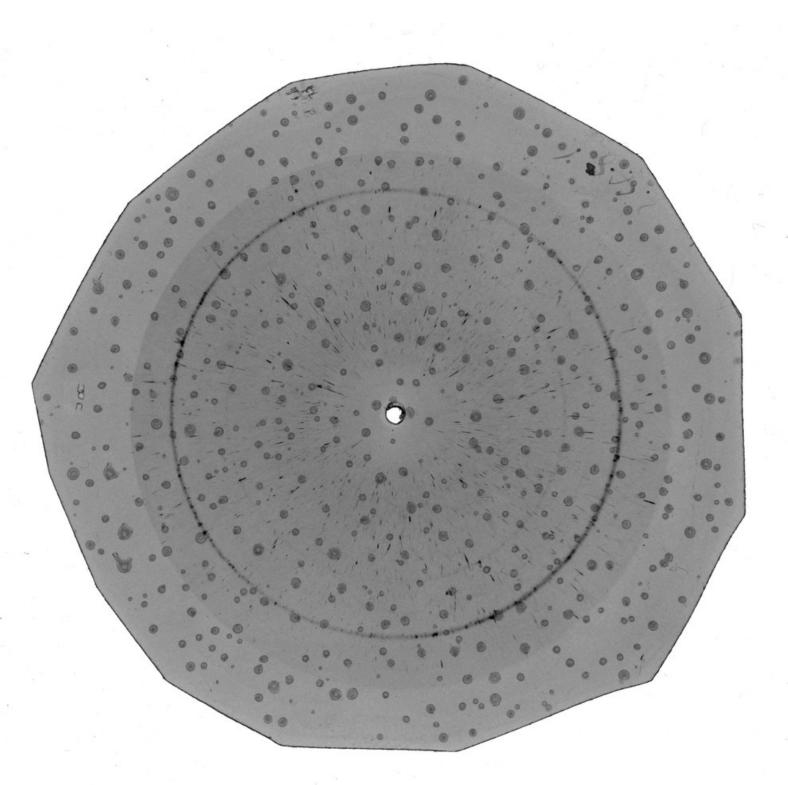


B-Coli 2 [serogs?] 300

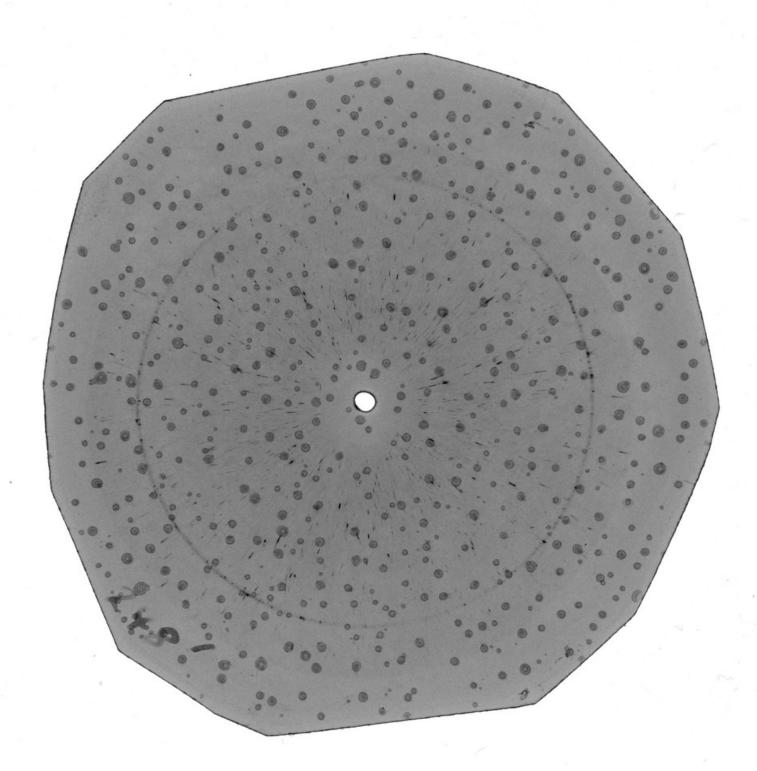


228 Geoffrey's [Leonard Brown] Br.Ur

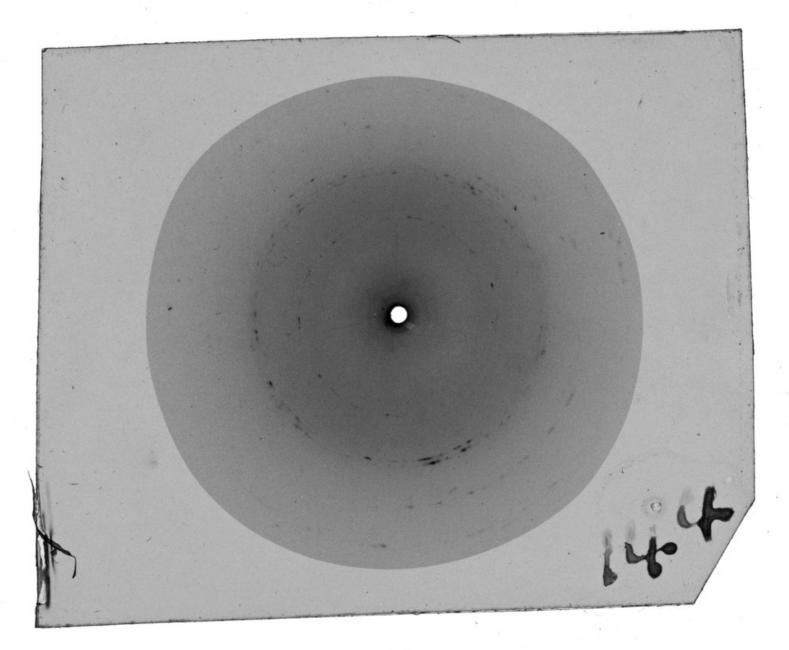




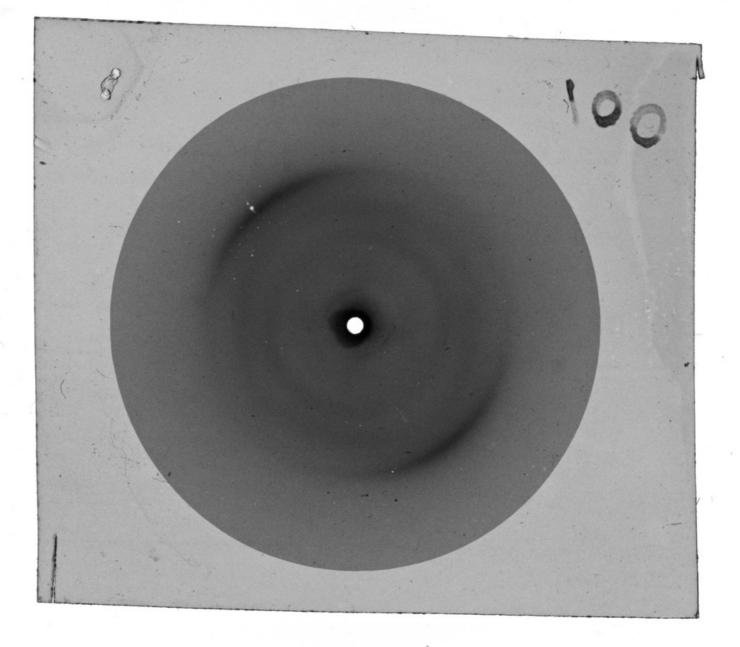
248 1 Calite



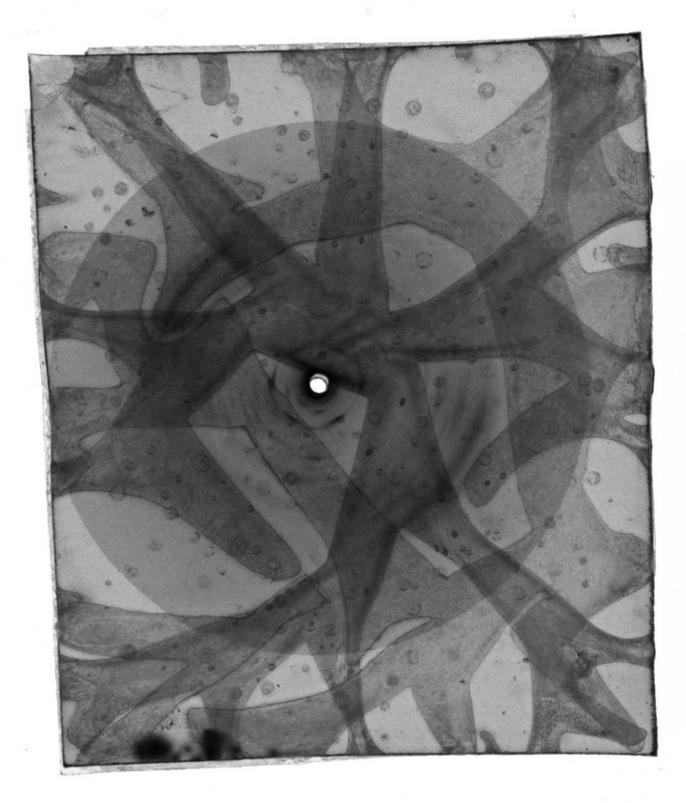
248 1 Calite



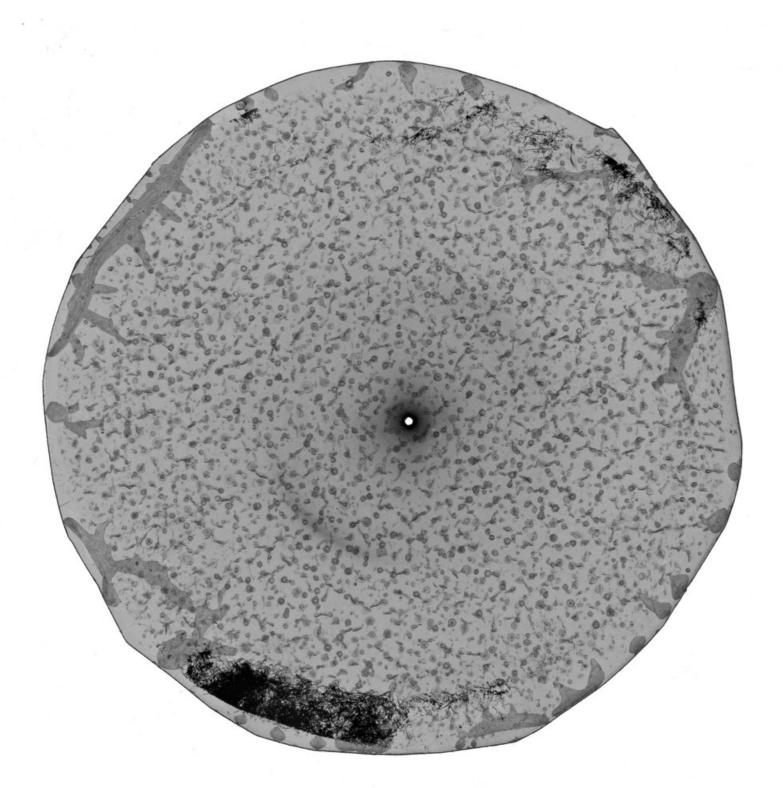
144 Geoffrey's [Leonard Brown] Str



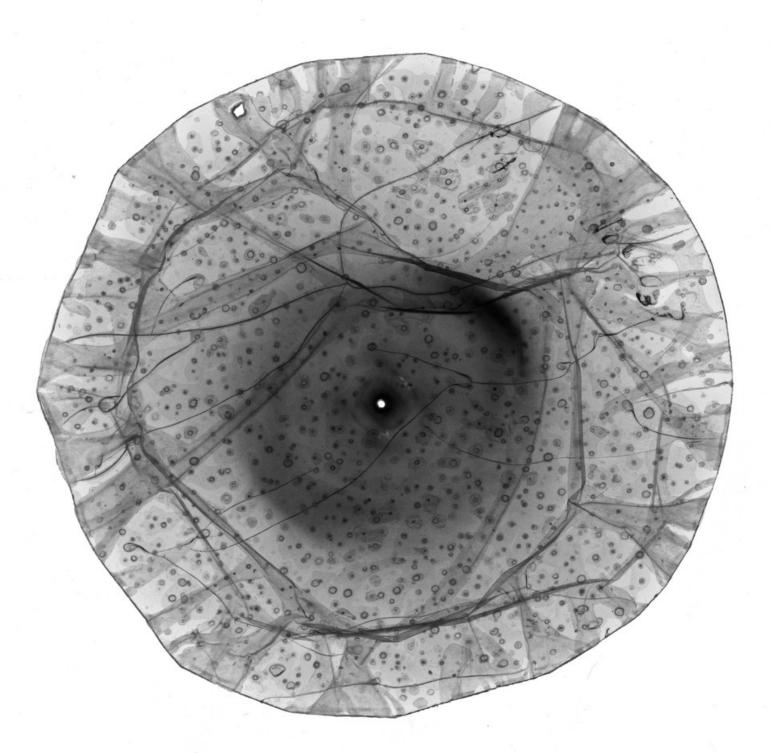
No. 100 Geoffrey's [Leonard Brown] Str



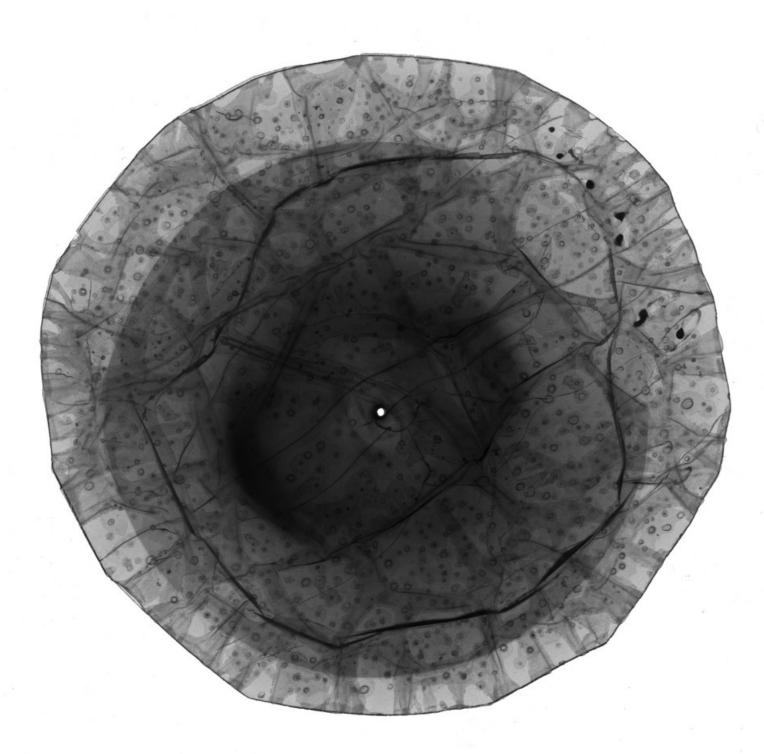
227 Coli (B)



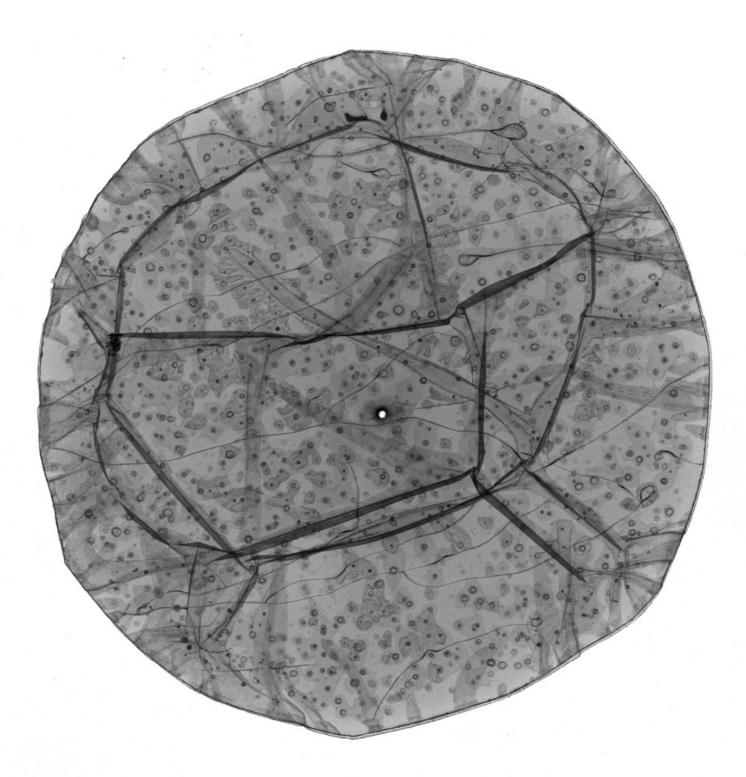
Pig 98% [relative humidity] (Ni)



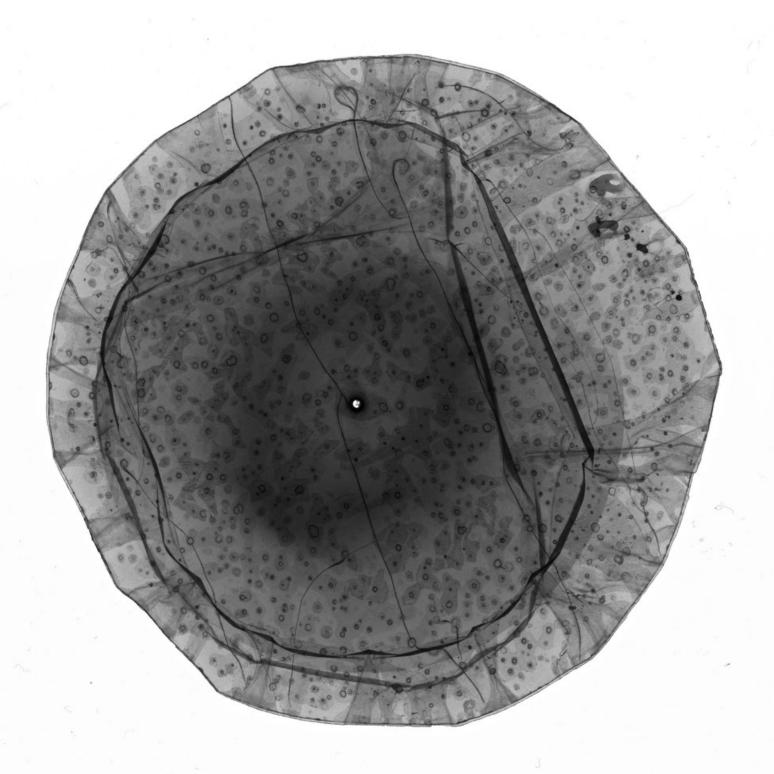
Pig DNA No Ni 75% H [relative humidity]



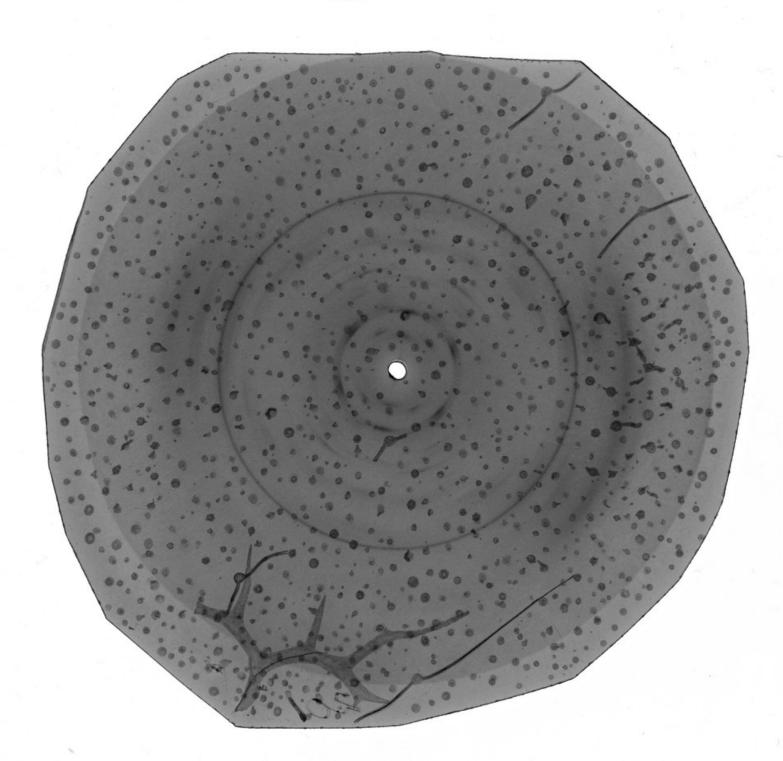
Pig DNA No Ni 60% H [relative humidity]



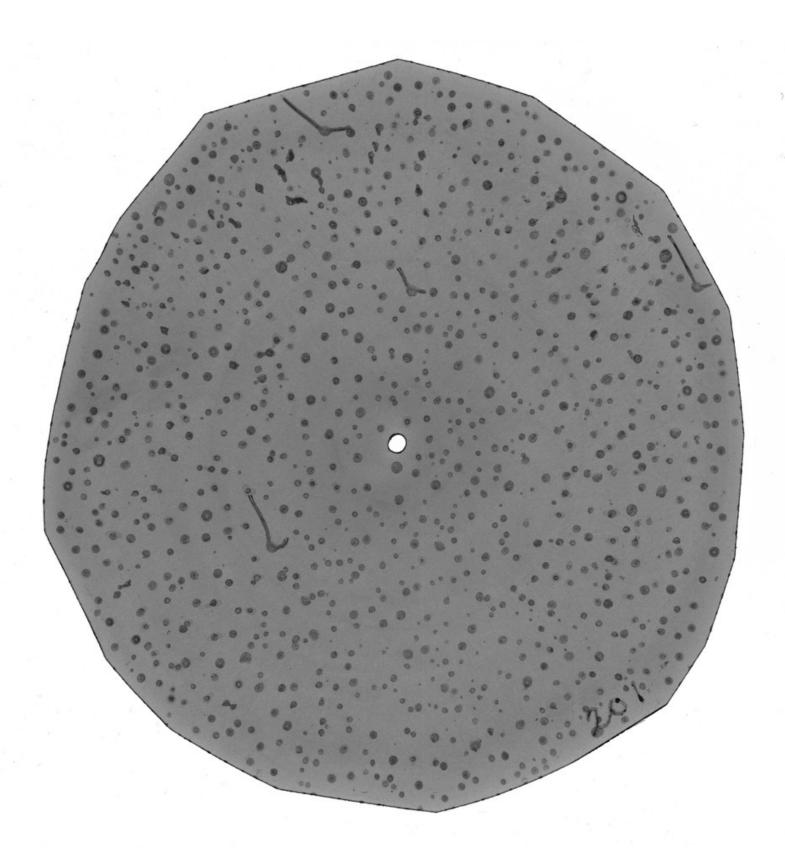
Pig Thymus DNA No Ni 98% H [relative humidity]



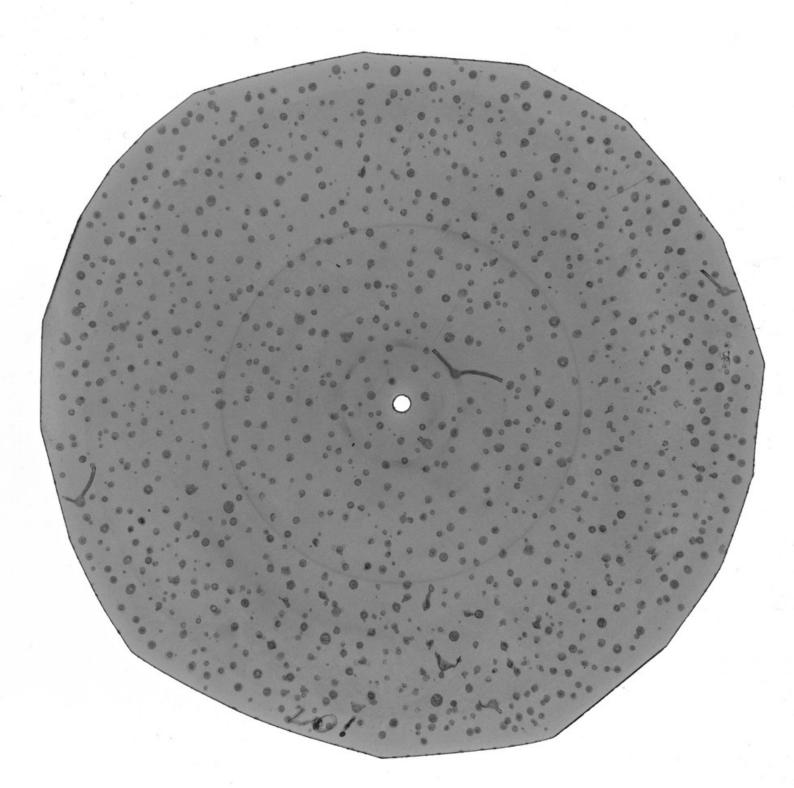
Pig DNA No Ni. Dry H



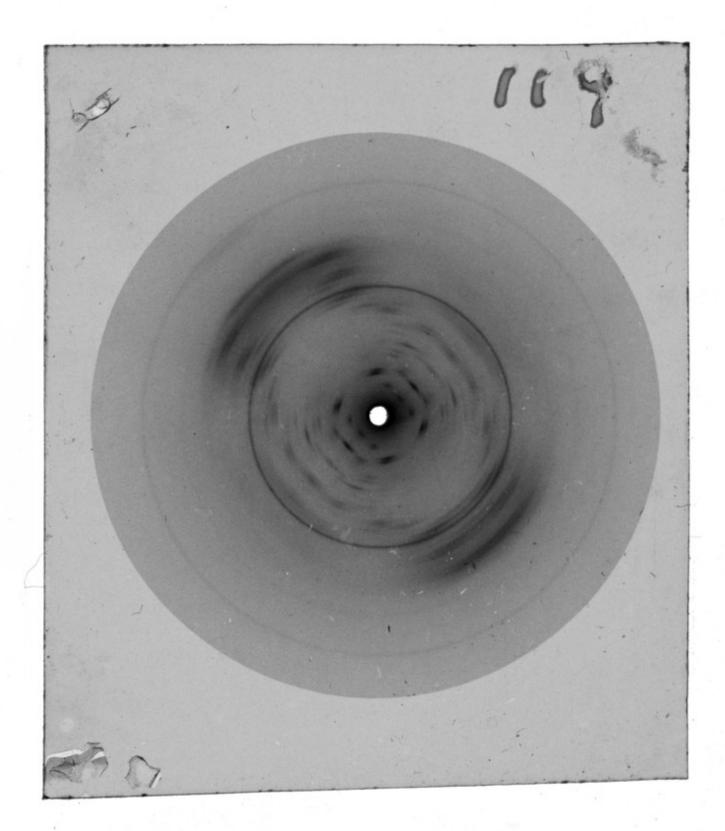
[No.] 201 Vert Cover Human DNA RB371



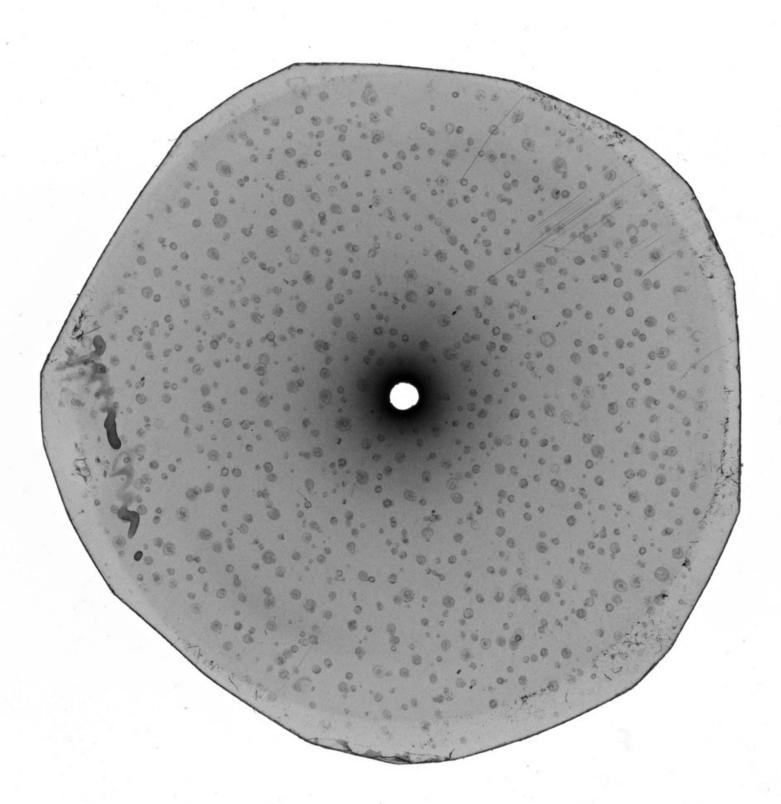
[No.] 201 Vert Cover Human DNA RB371



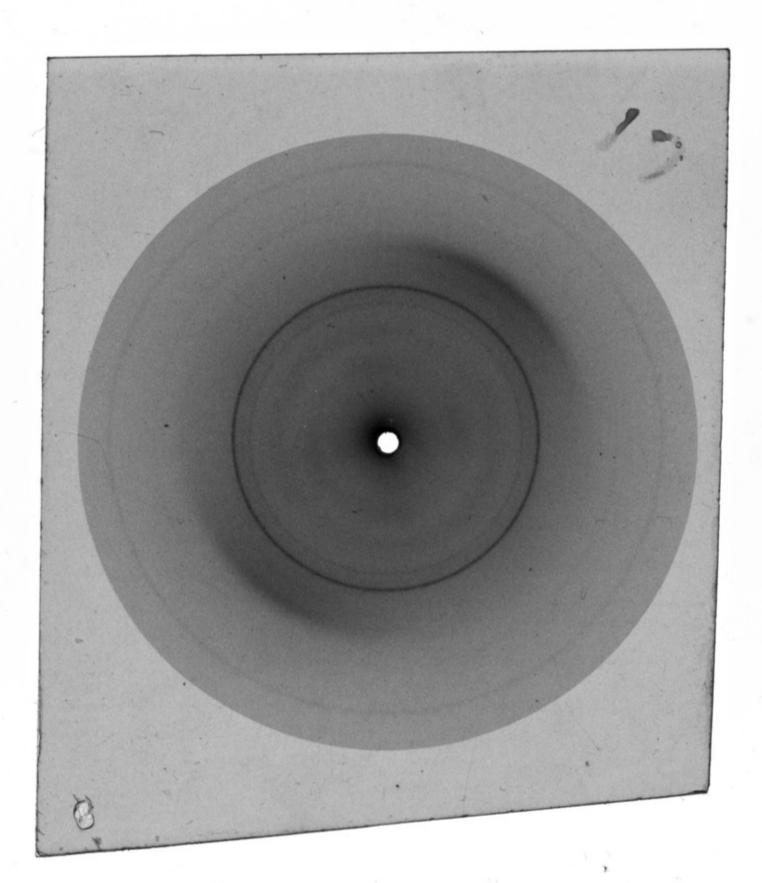
[No.] 201 Vert Cover Human DNA RB371



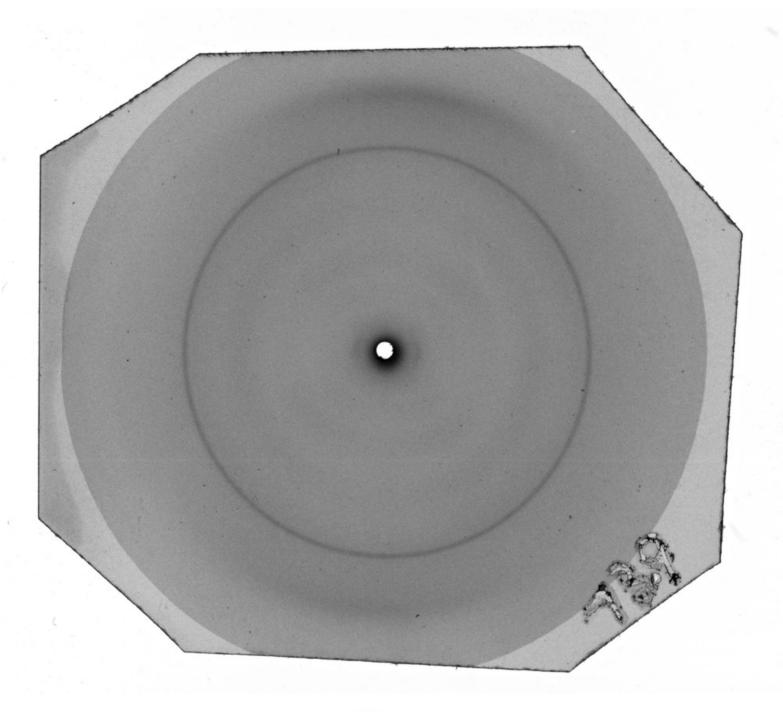
No. 119 (Human) DNA - XII RB3-99

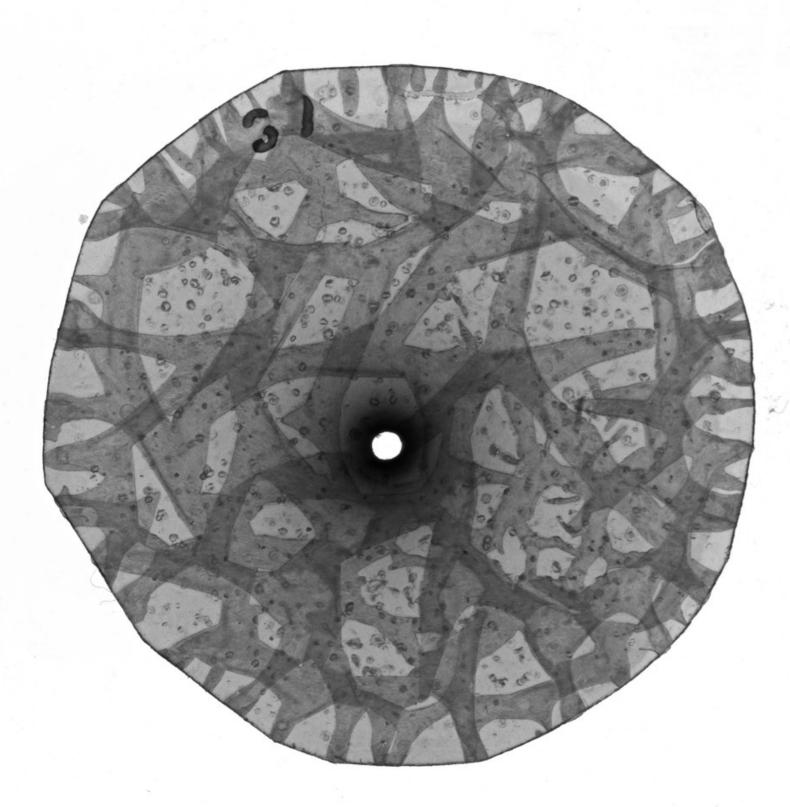


Human DNA (sheet) 75% H [relative humidity] 6 1/2 days

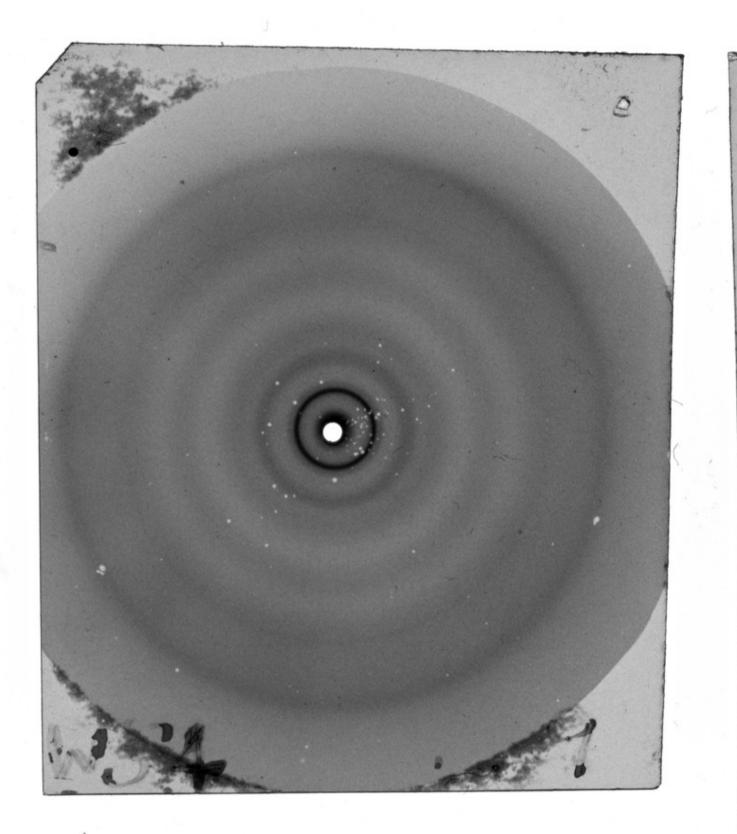


61 W.B.C. Human normal

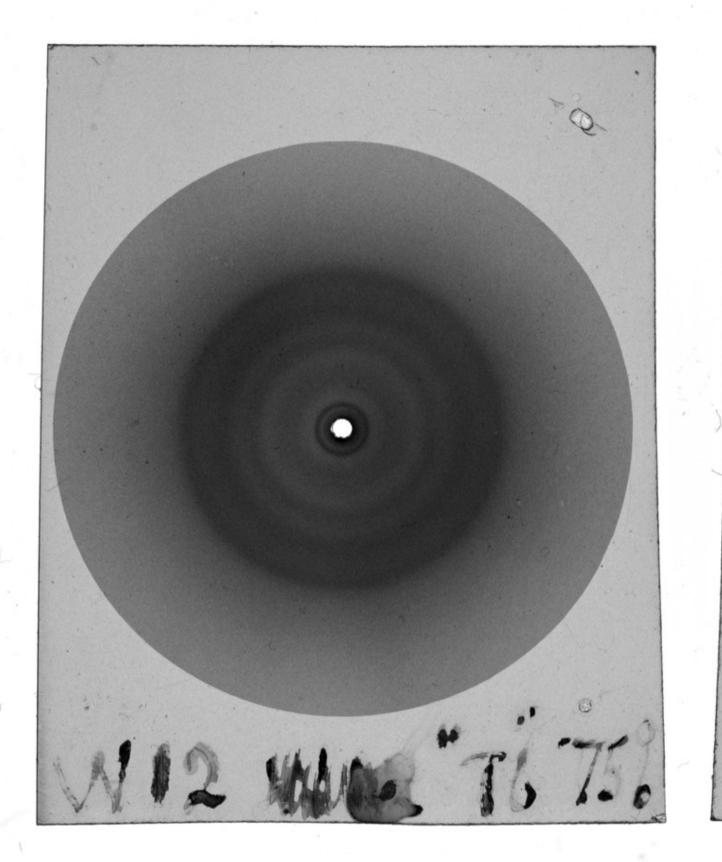




Human DNA (white's) 75% H [relative humidity]



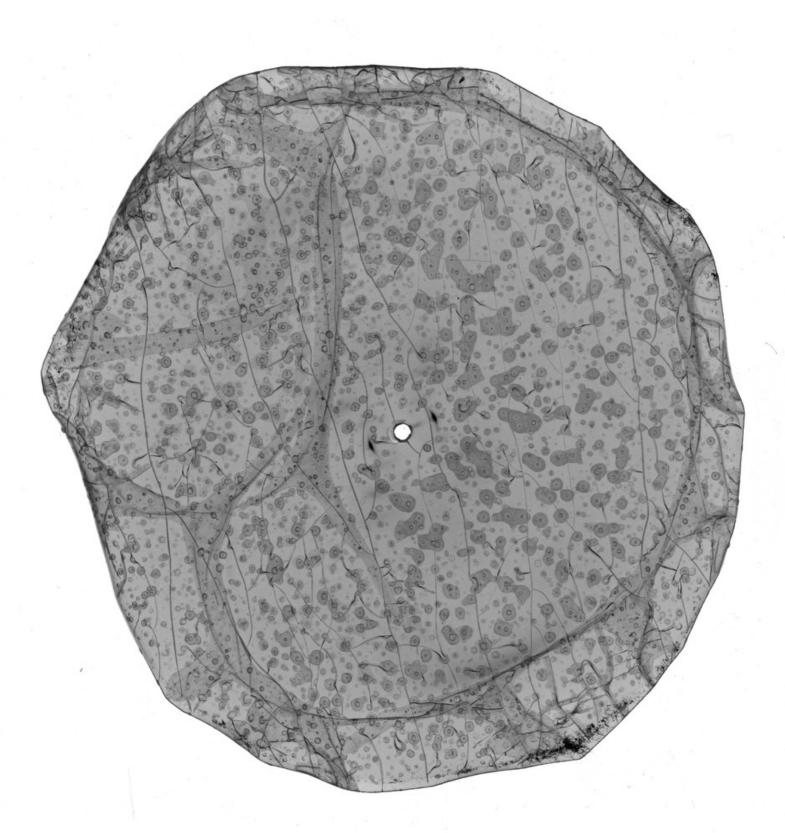
W12 T6 [bacteriophage] DNA (Wyatt) 75% RH [relative humidity]



W12 T6 [bacteriophage] DNA (Wyatt) 75% RH [relative humidity]

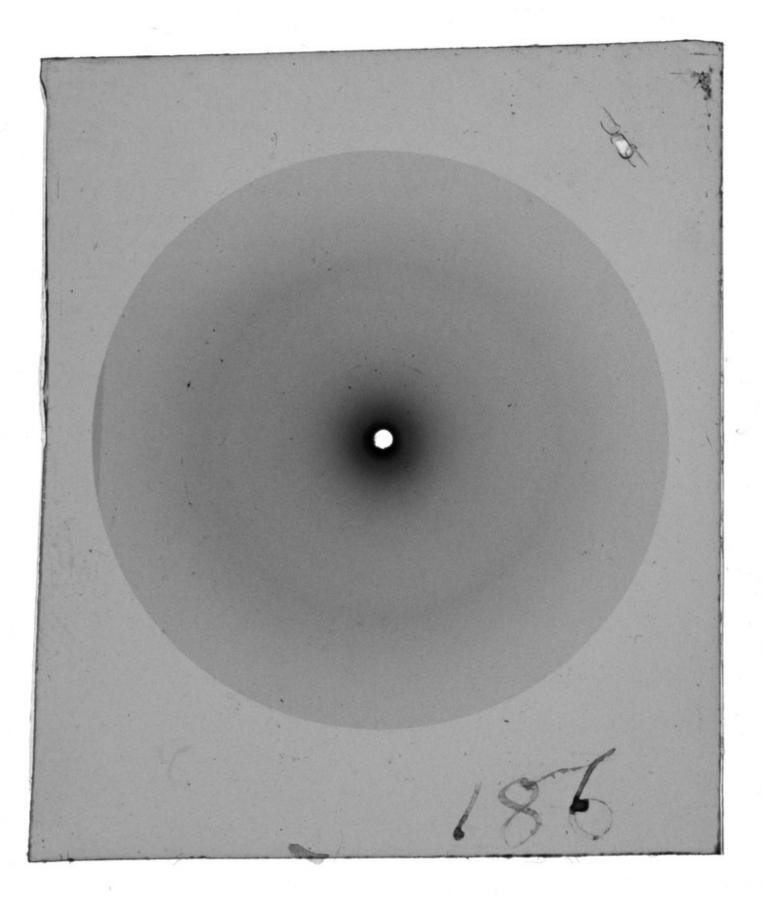


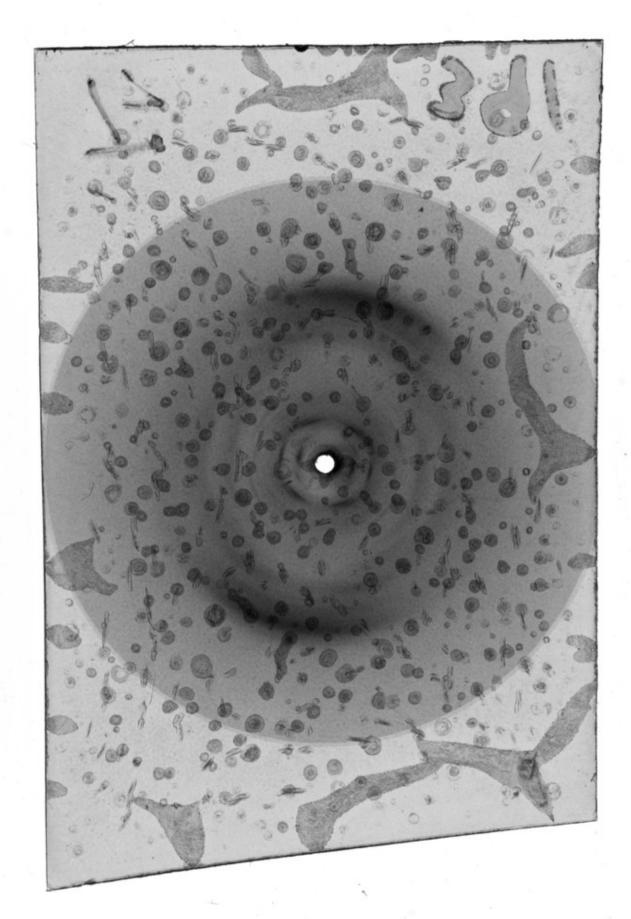
W12 T6 [bacteriophage] DNA (Wyatt) 75% RH [relative humidity]



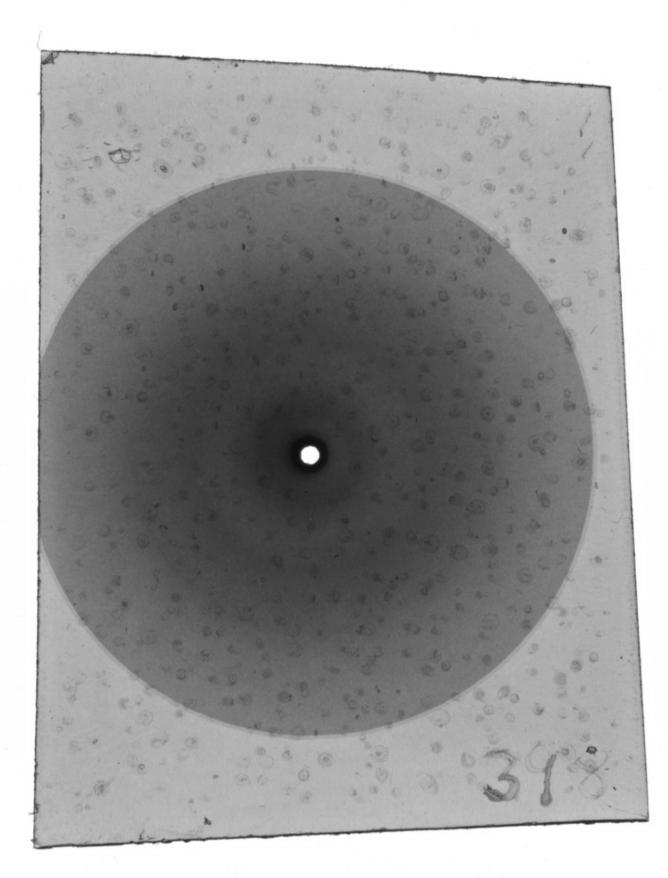
Good B's [B-type DNA]

397 T2 [bacteriophage] Feb 22

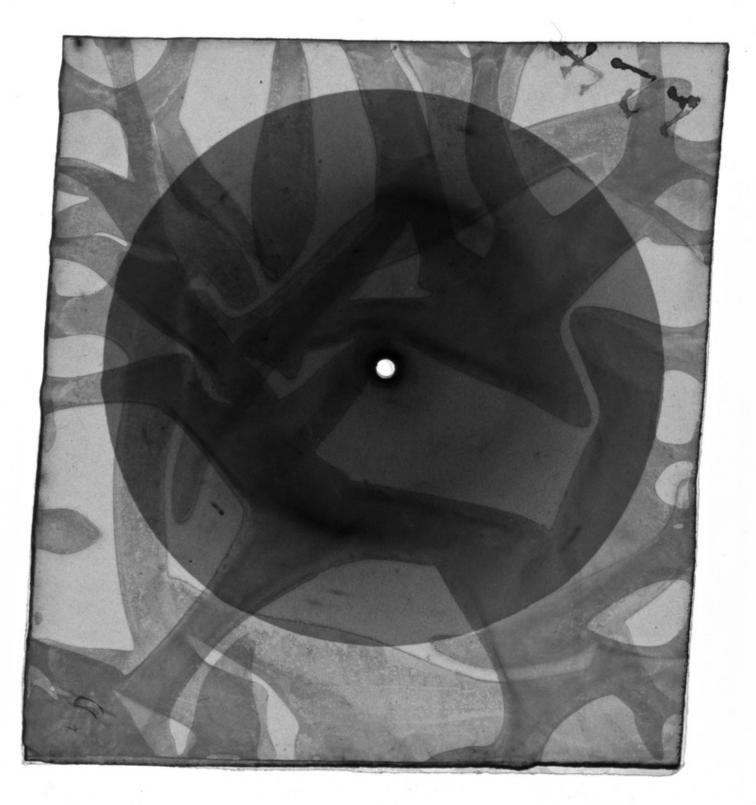




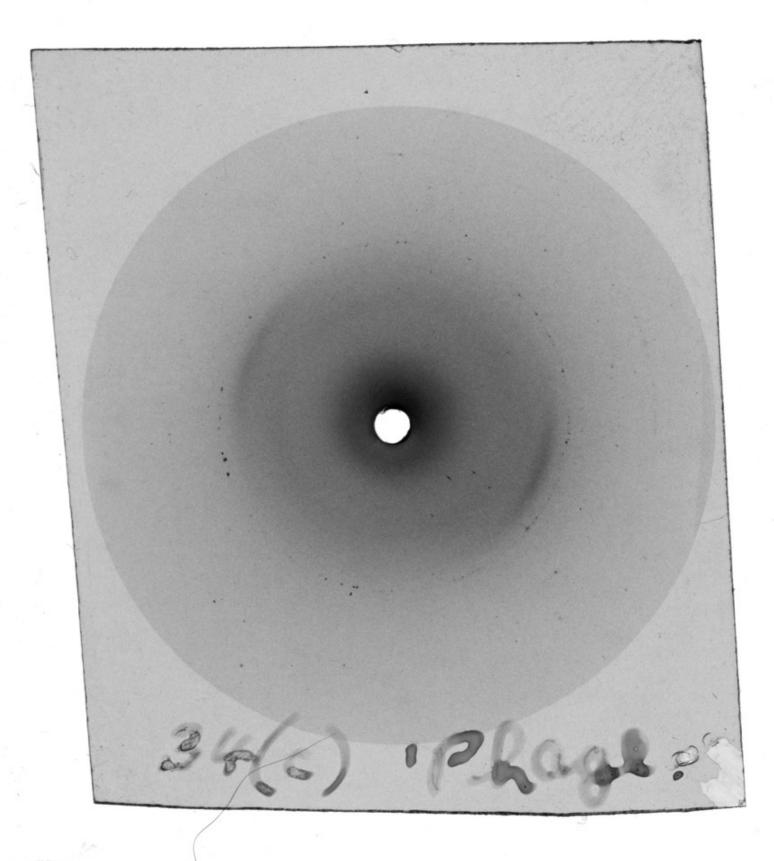
T7 [bacteriophage] 391



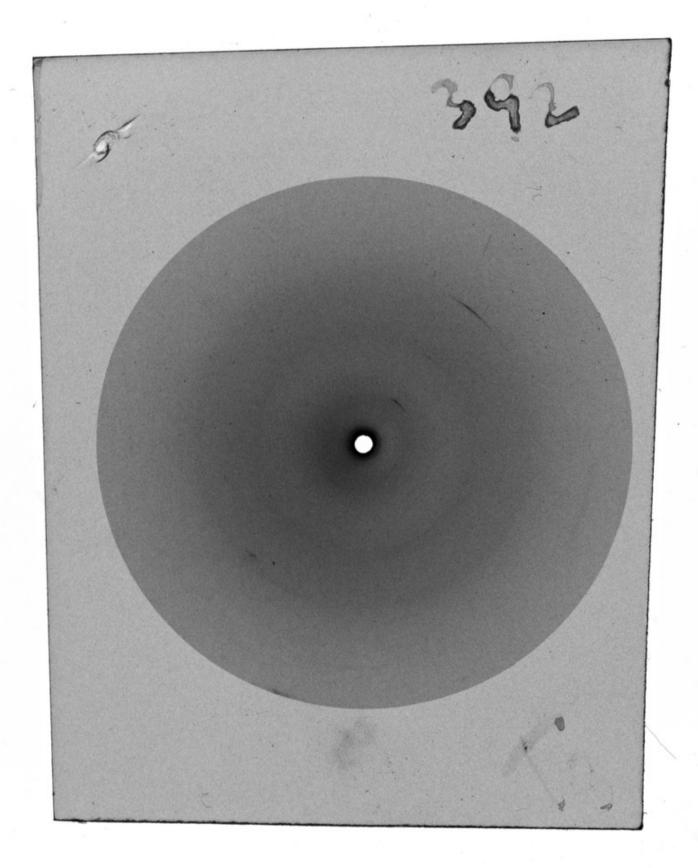
T3 phage 398



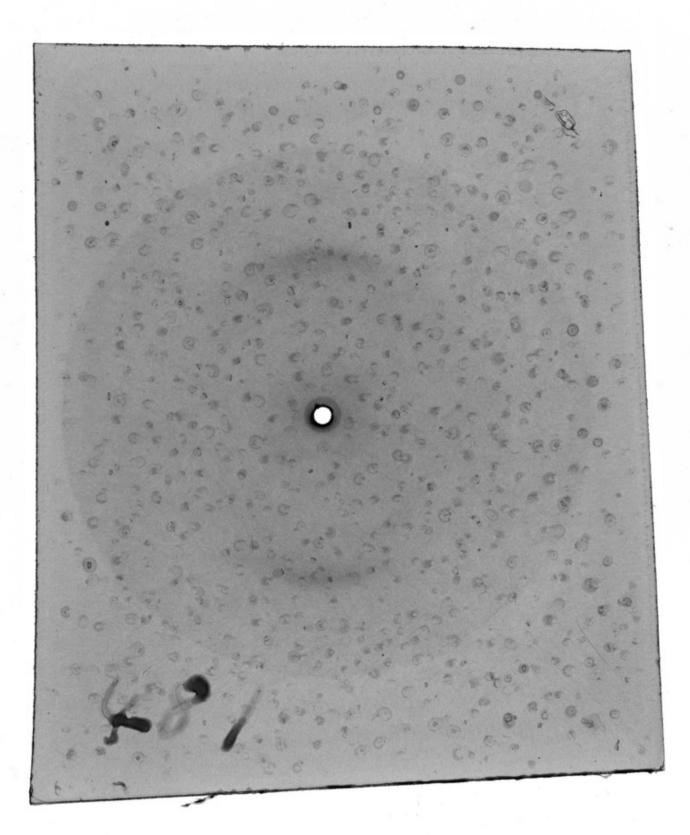
No. 224, T2 [bacteriophage] r + Brll DNA



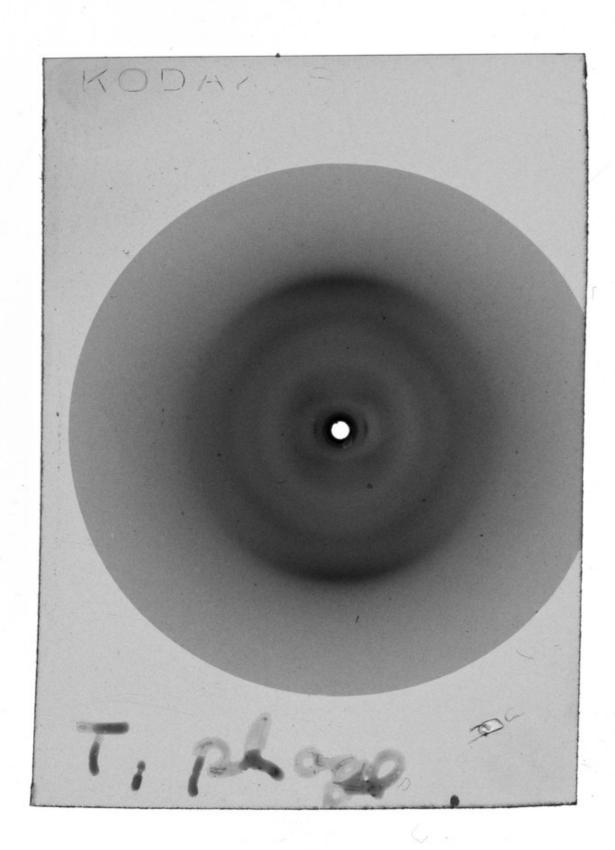
Orient[ated] [bacterio]phage N.A. 75% H. [relative humidity]



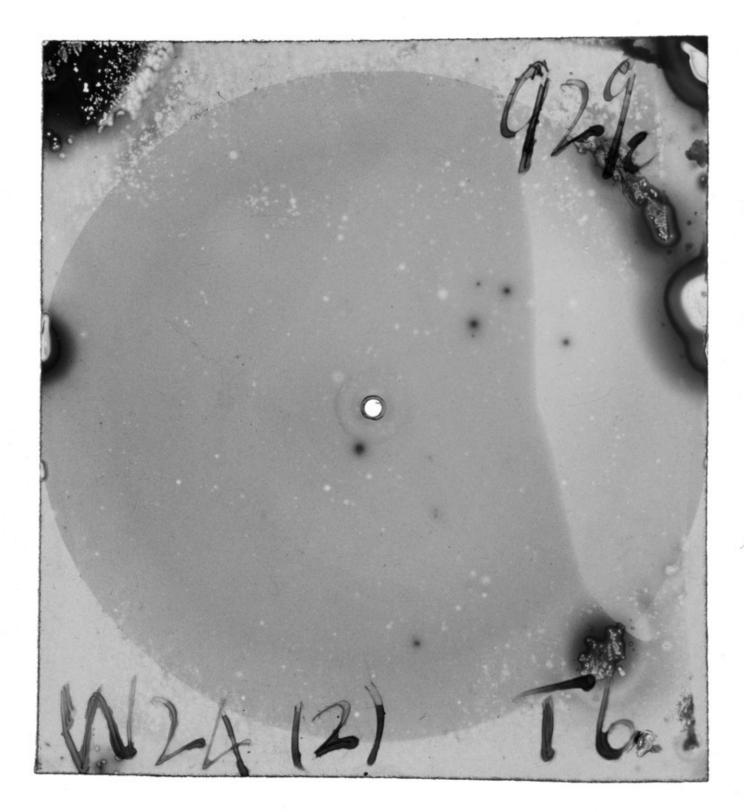
Orient[ated] [bacterio]phage N.A. 75% H. [relative humidity]

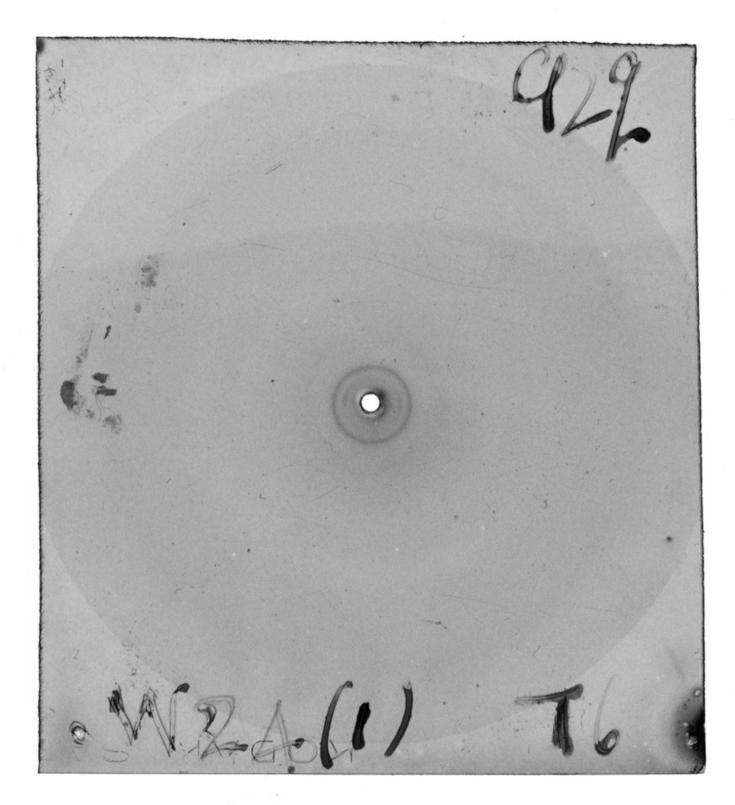


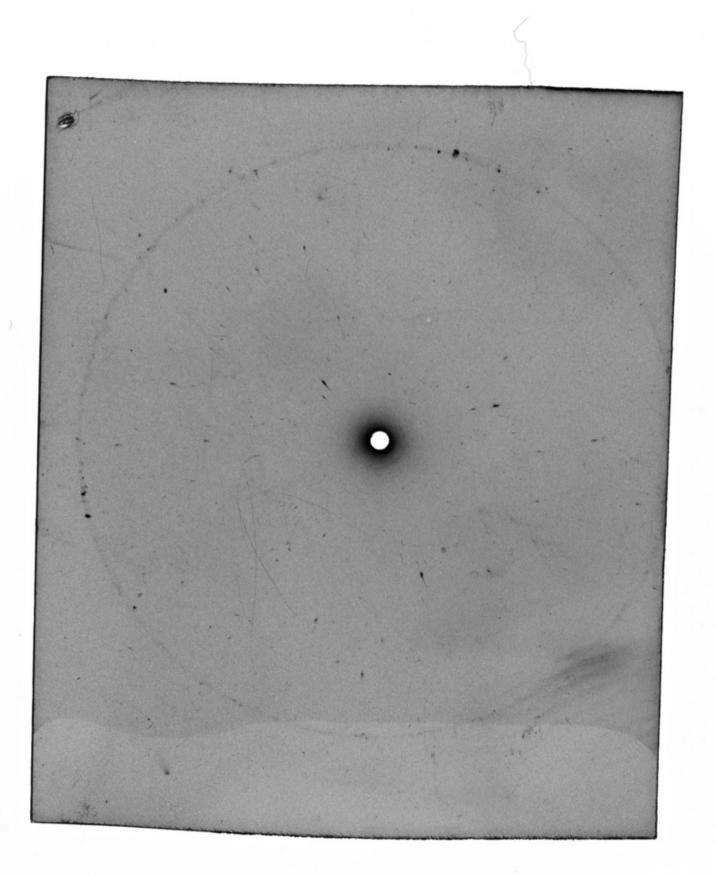
T3 [bacteriophage] 392

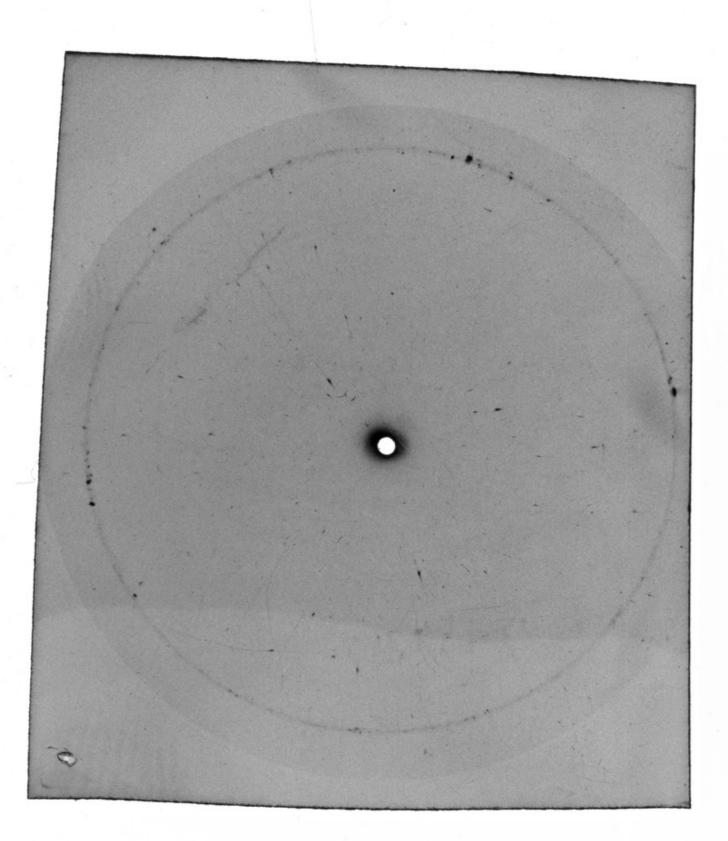


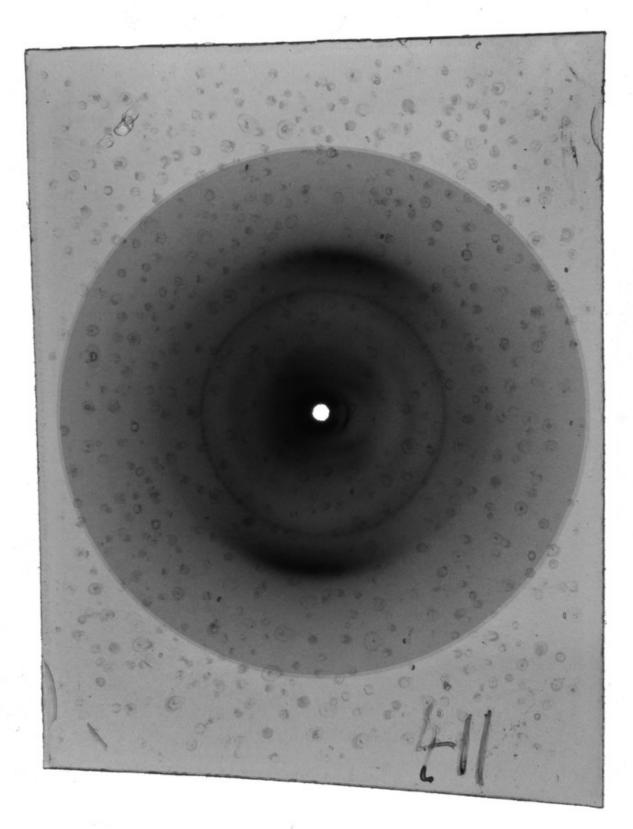
T1 phage DNA



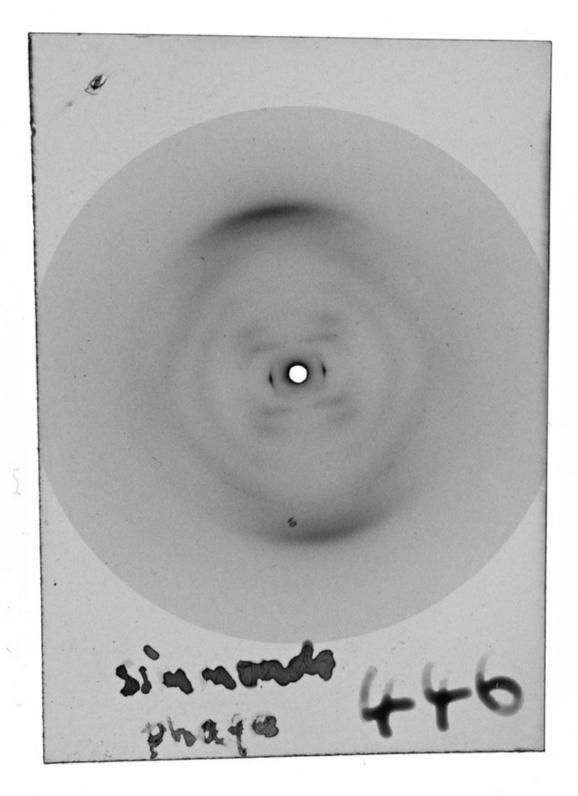




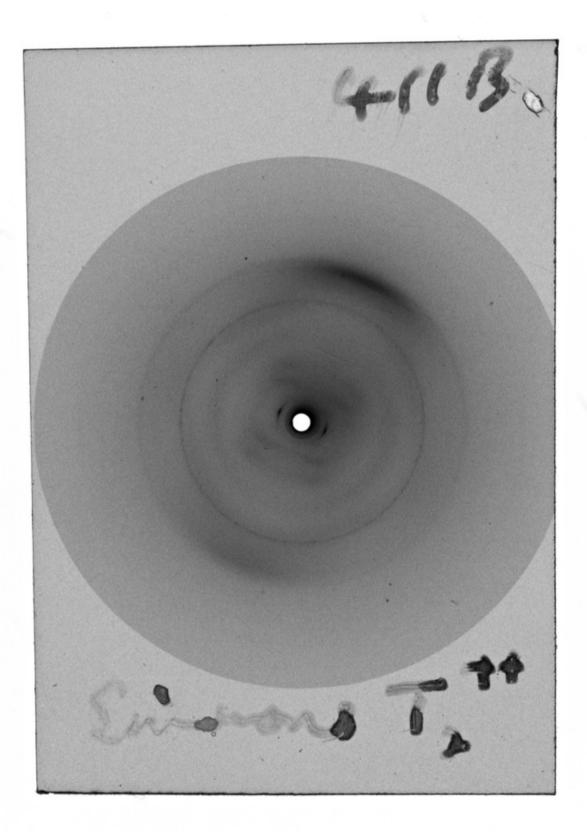




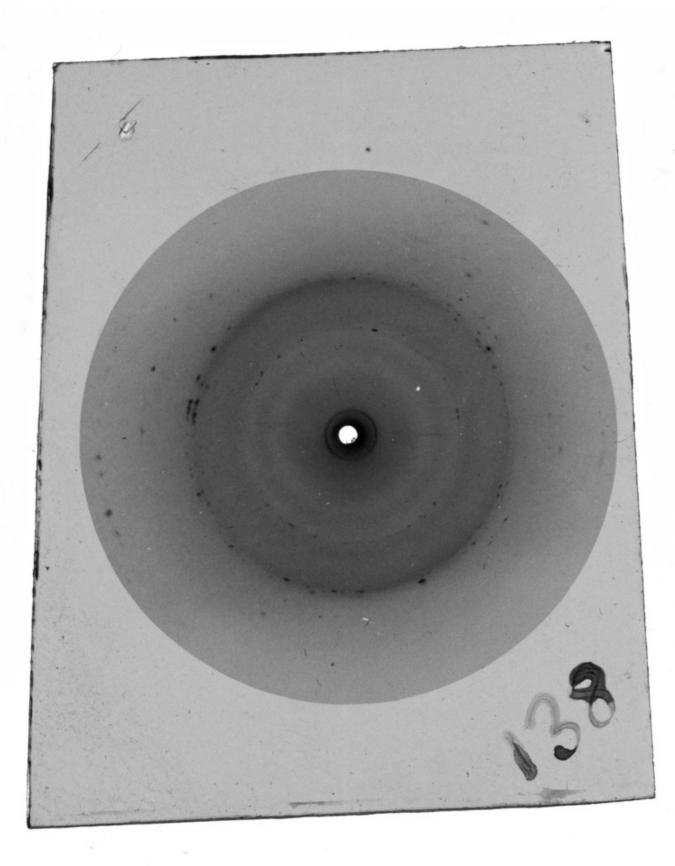
411 T2 [bacteriophage] [subhons] ++



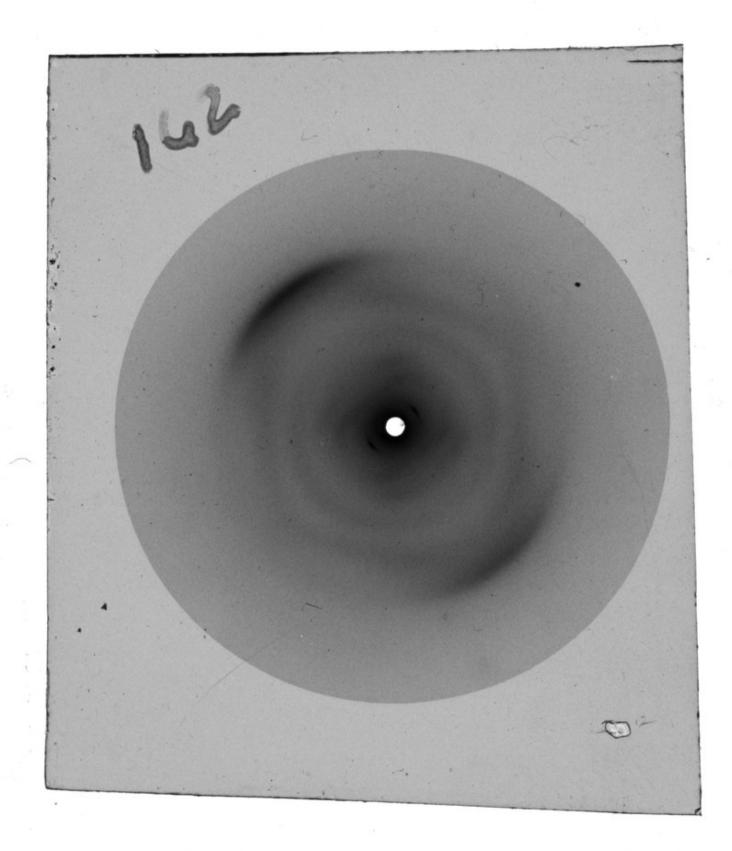
446 T2 ++ phage DNA 0304-55



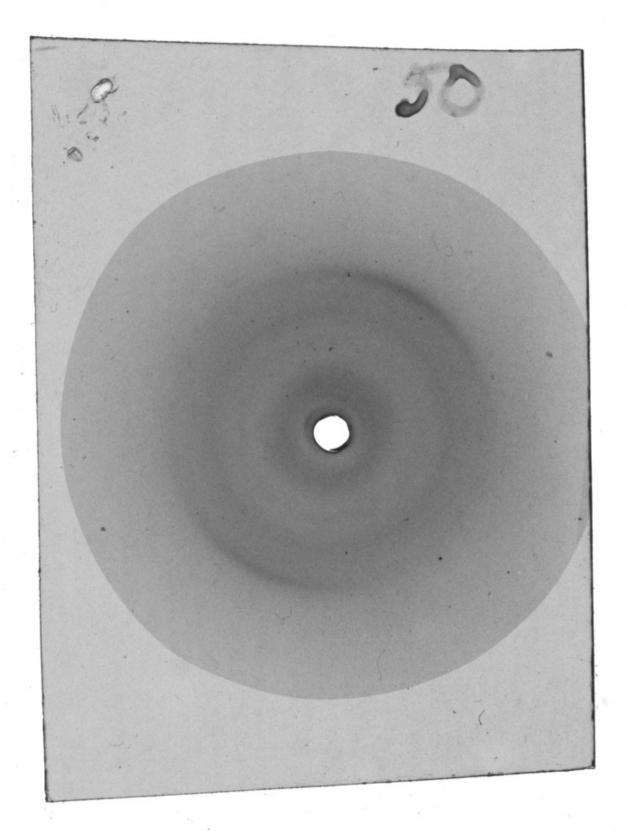
411 B ([Norman] Simmons) T2 [bacteriophage] ++ DNA



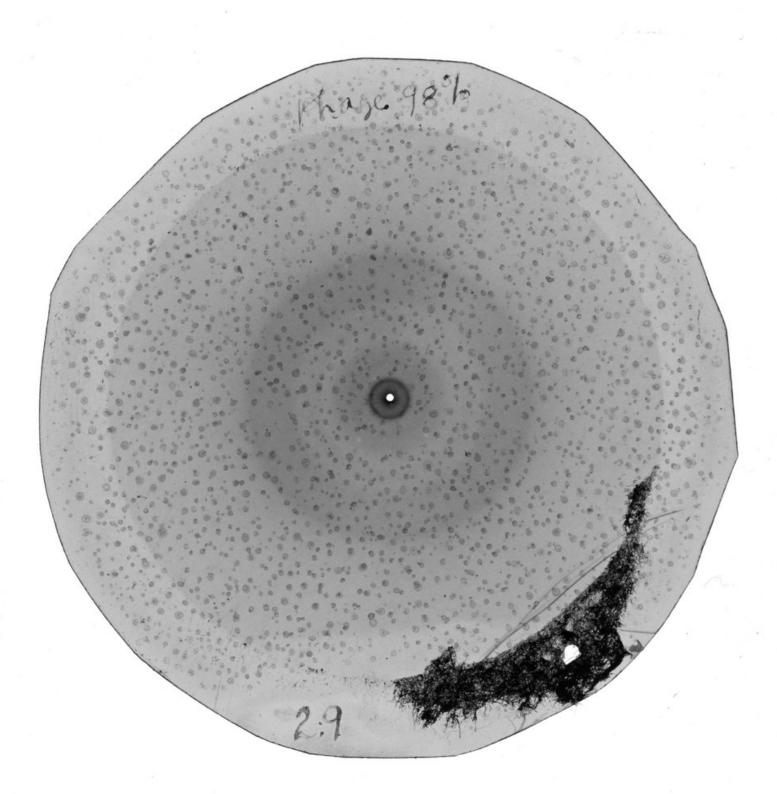
No. 138 T2 phage AMI 30-11-53



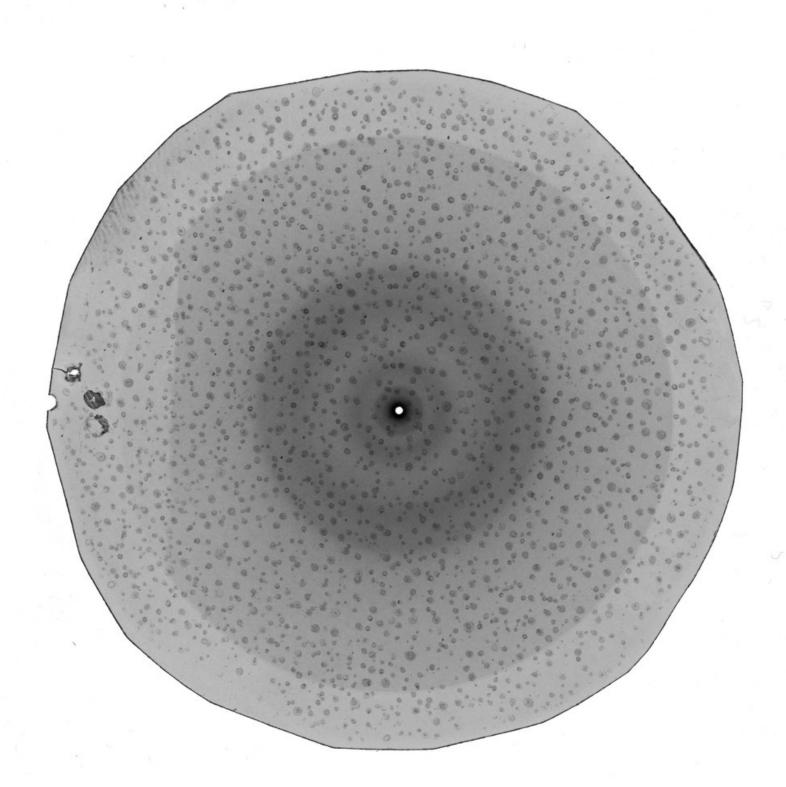
162 ex [bacterio]phage T6 G.W.



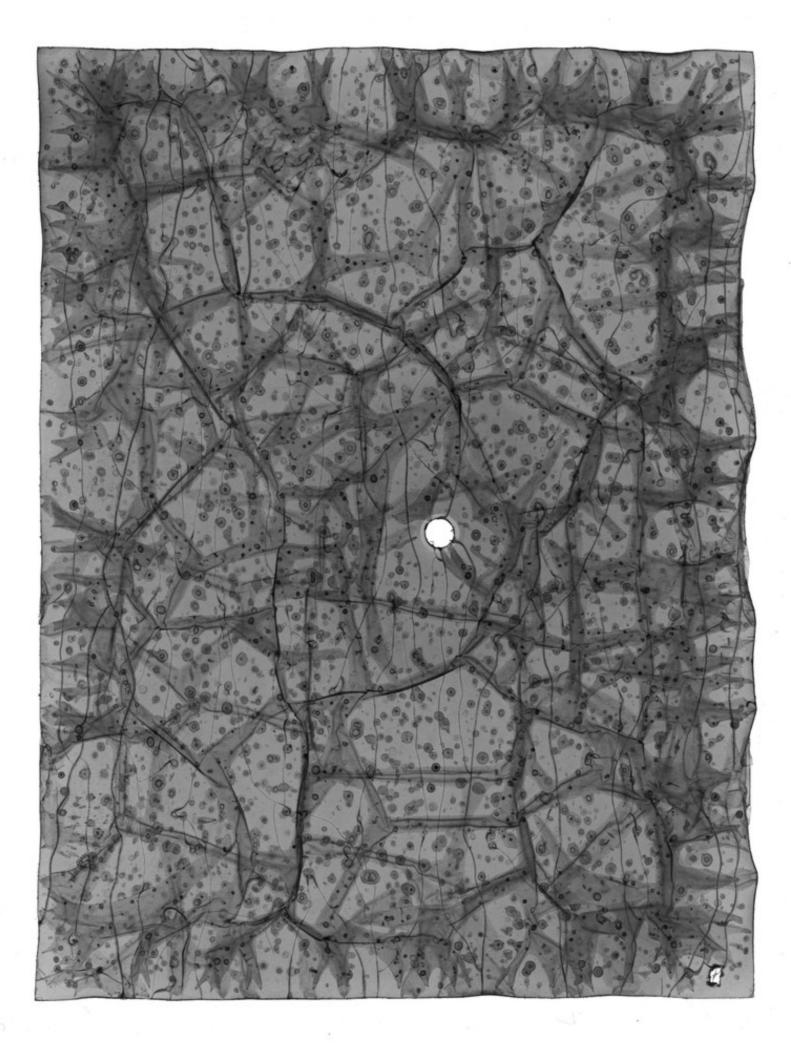
T2R [bacteriophage] (50)

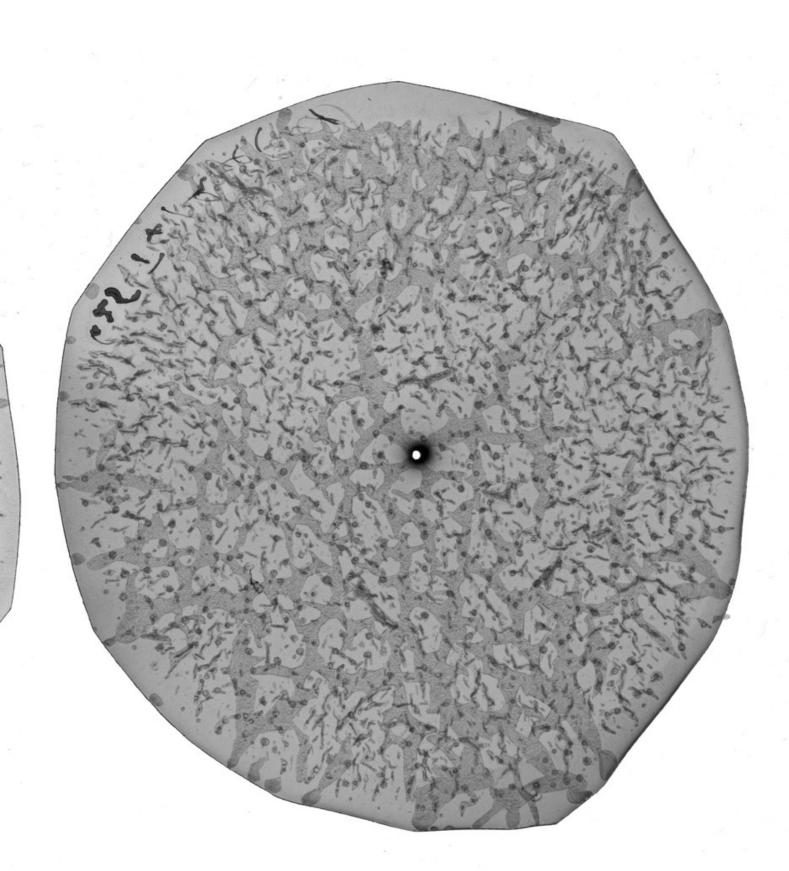


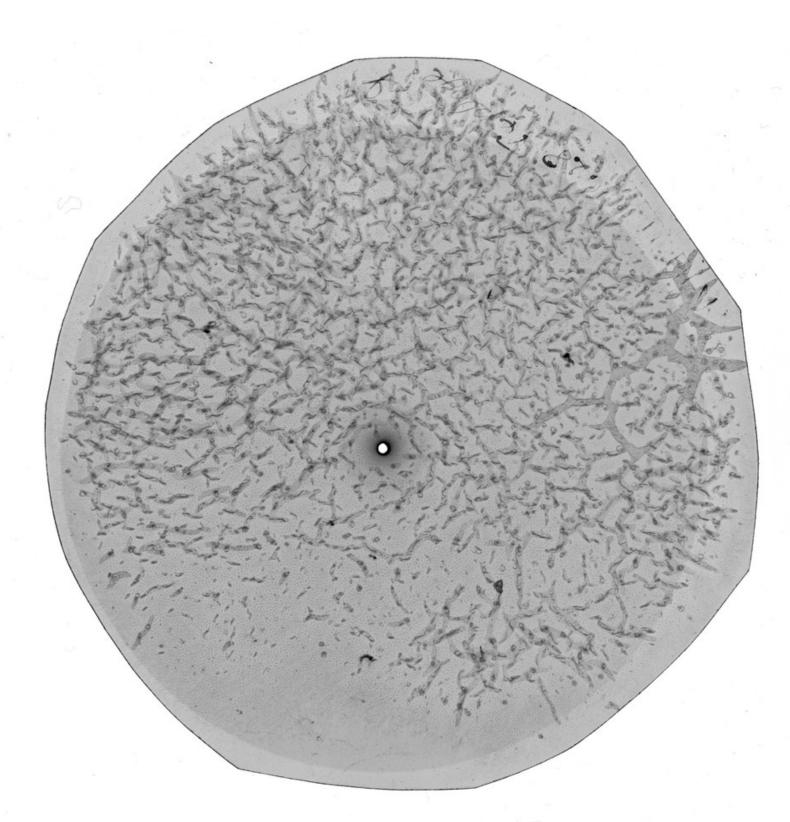
dried phage 98% H. [relative humidity]

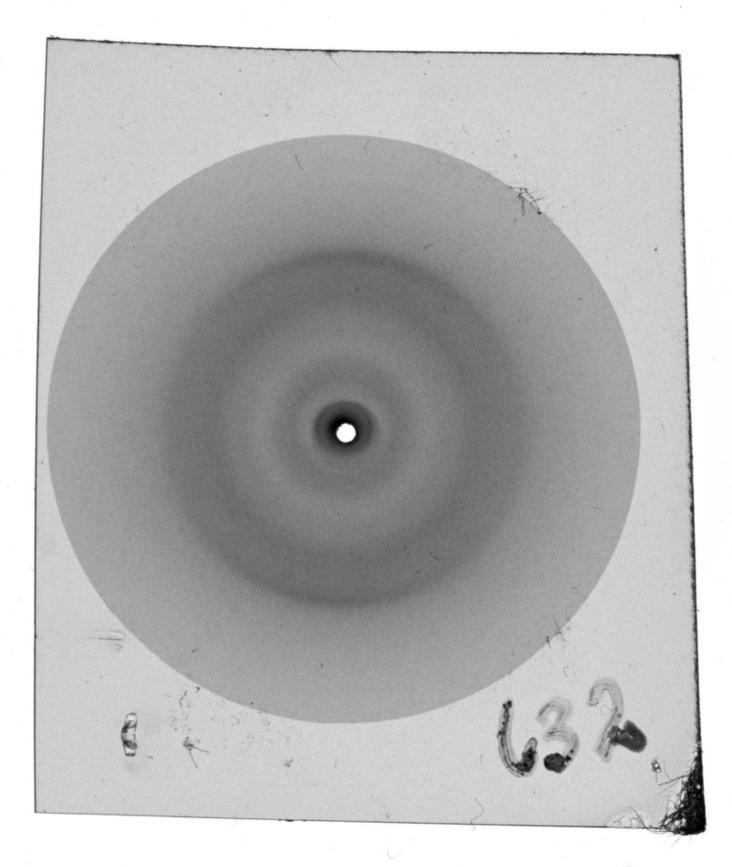


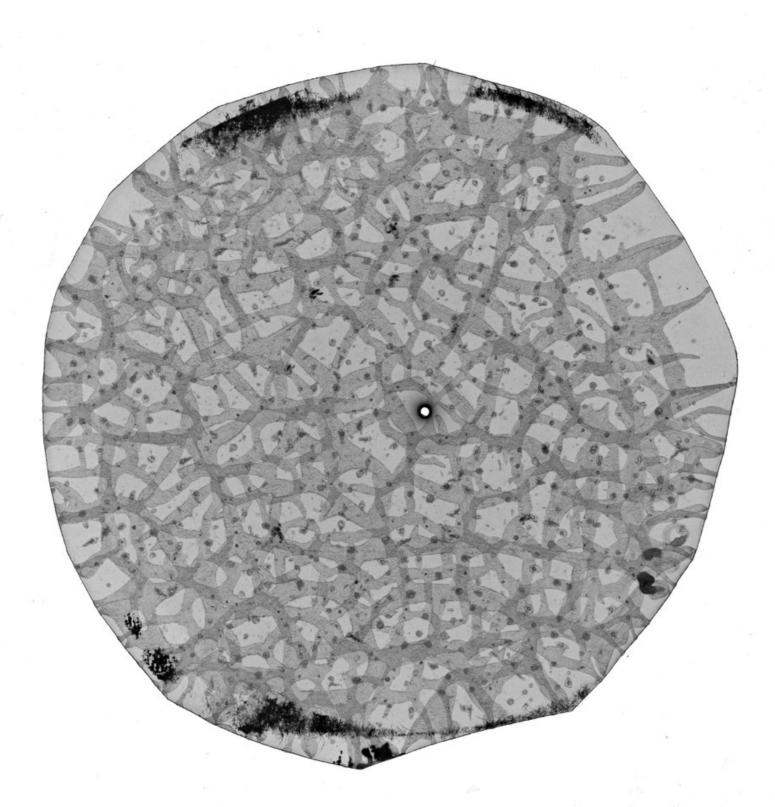
dried phage 75% H. [relative humidity] 18.7A

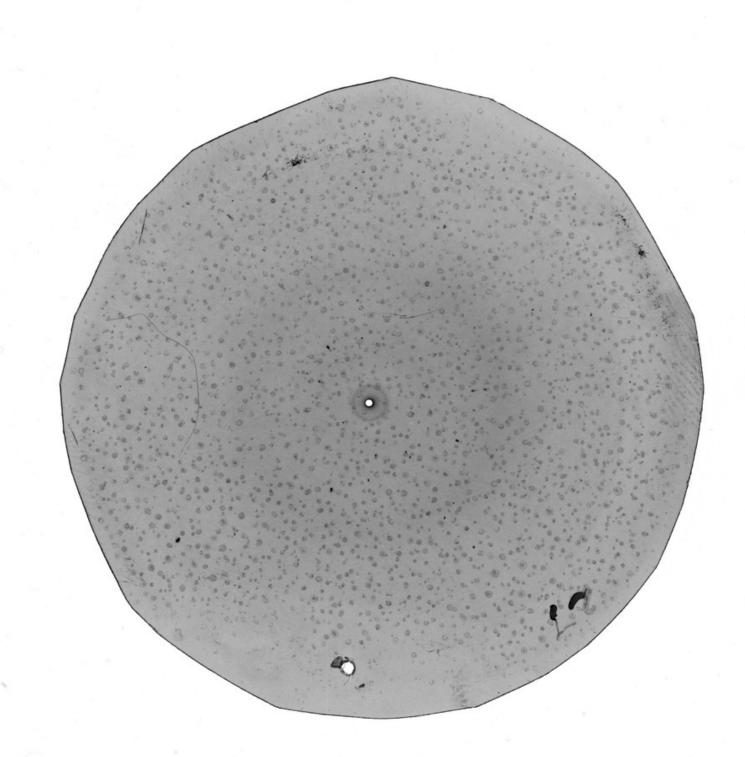




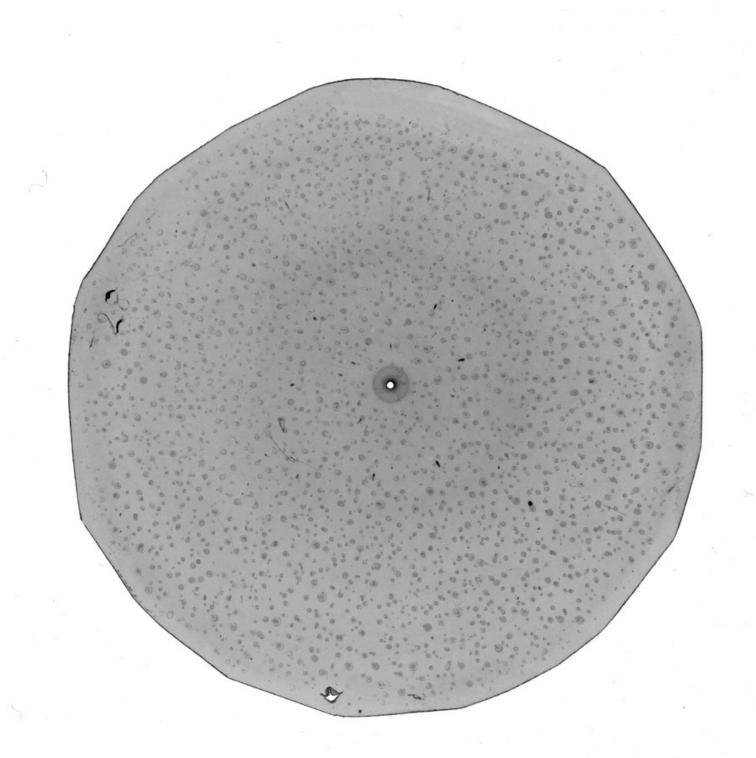




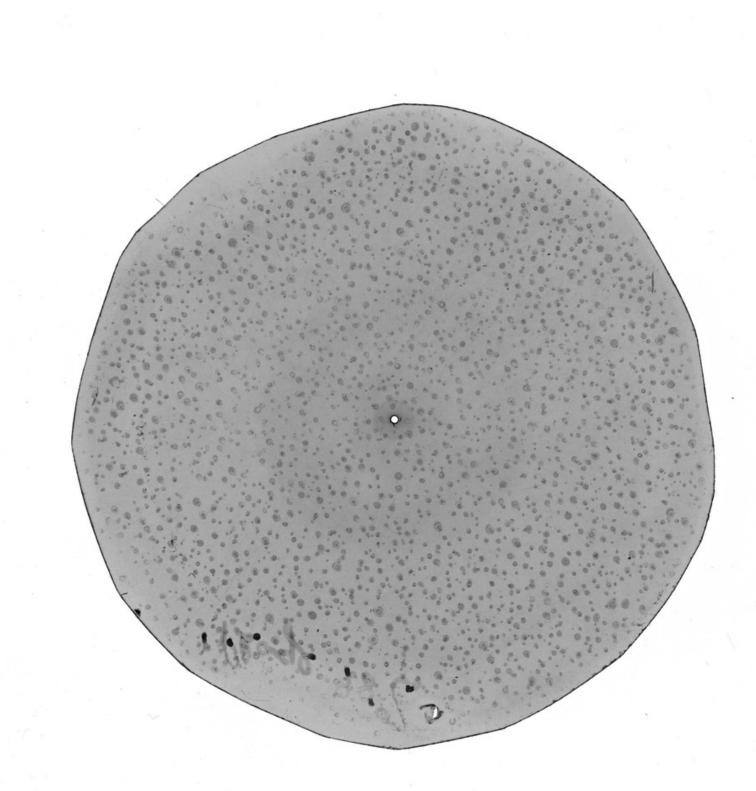




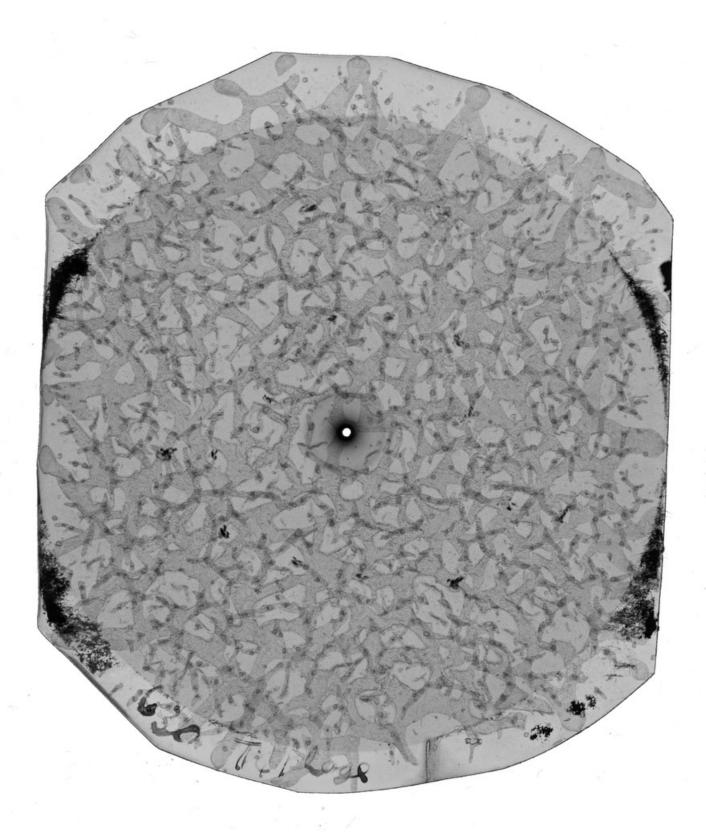
Bacteria phage 27 suppased 23.5A spacing

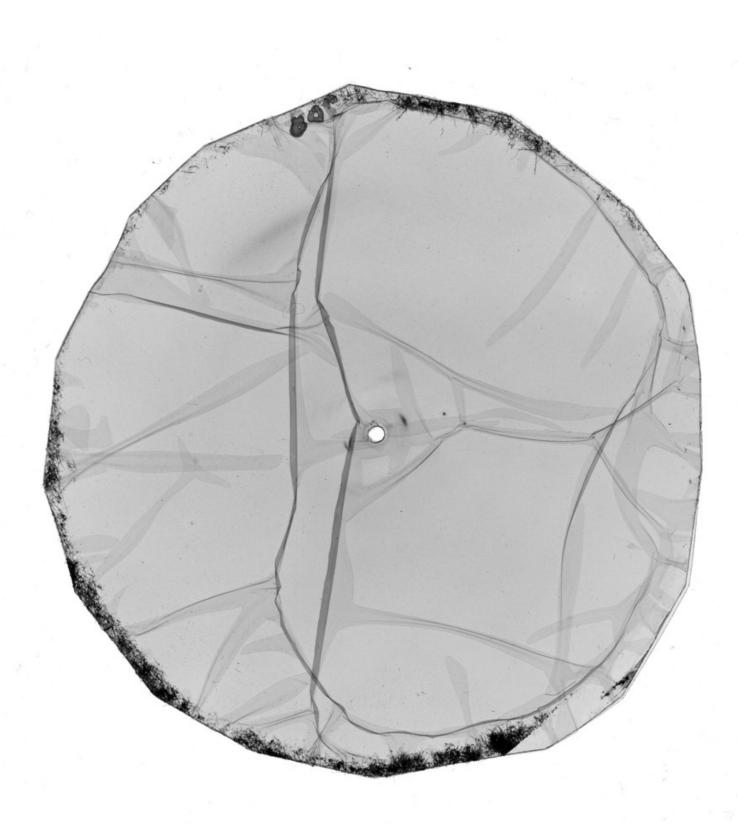


Bacteria phage 27 suppased 23.5A spacing

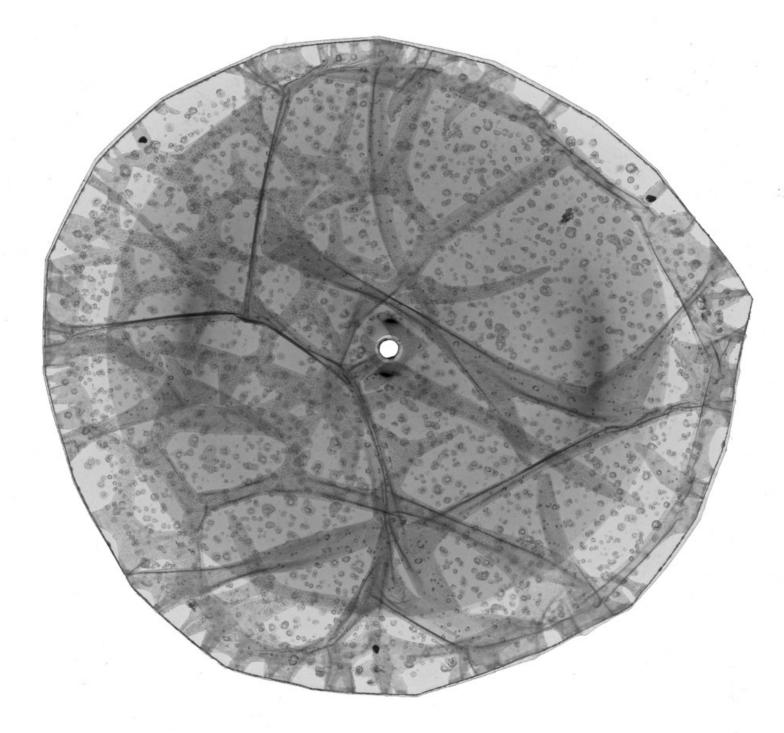


Bacteria phage 27 suppased 23.5A spacing

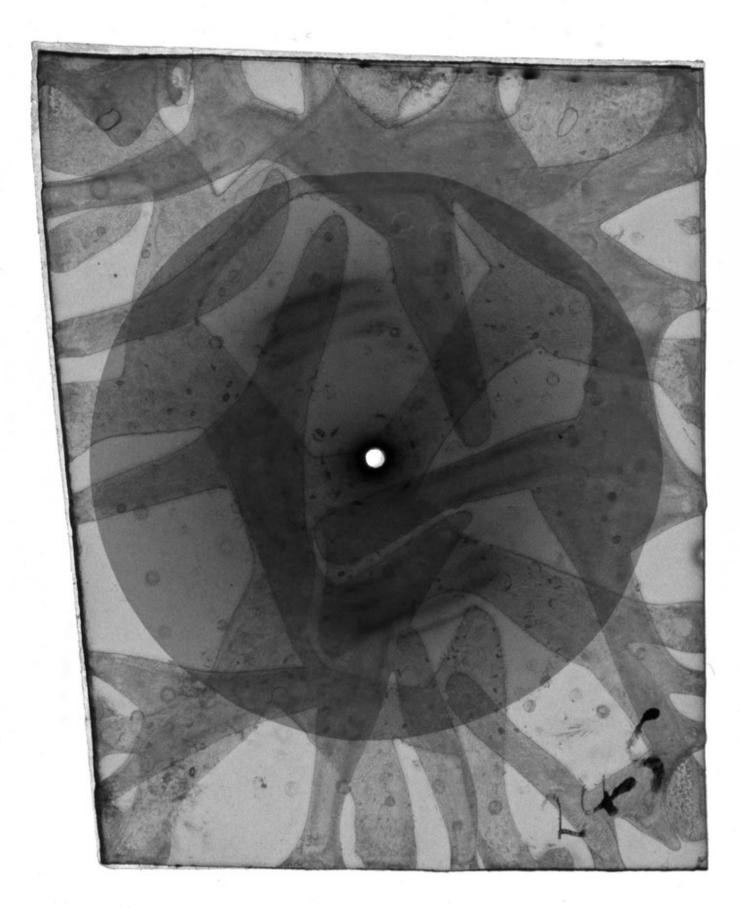




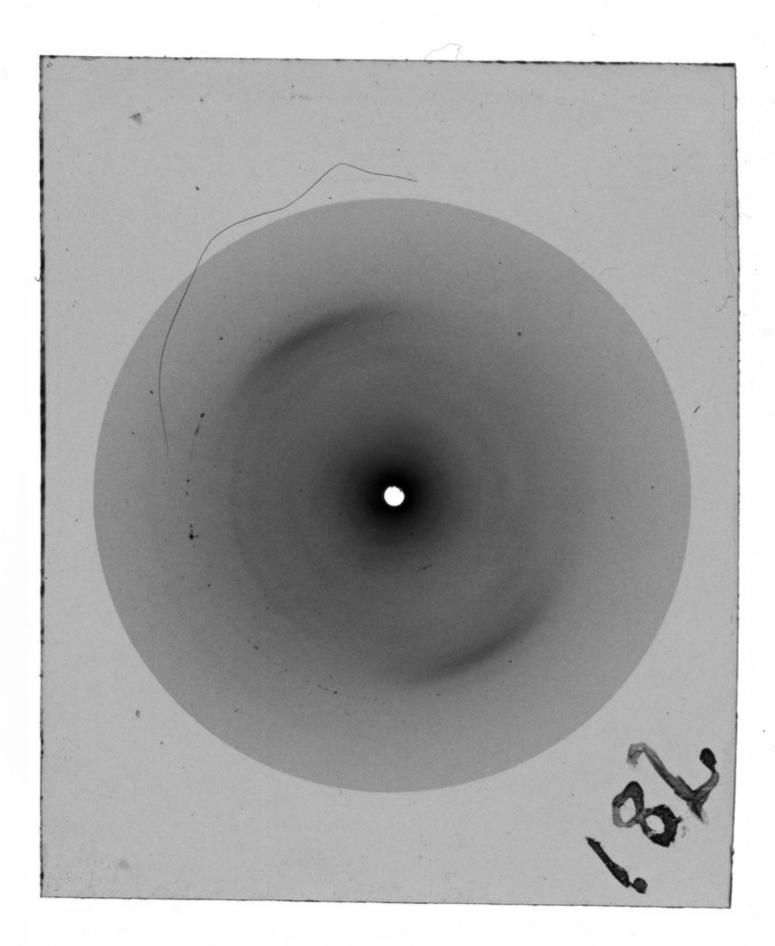
308 [Amastheule] at 90% R.H. [relative humidity]



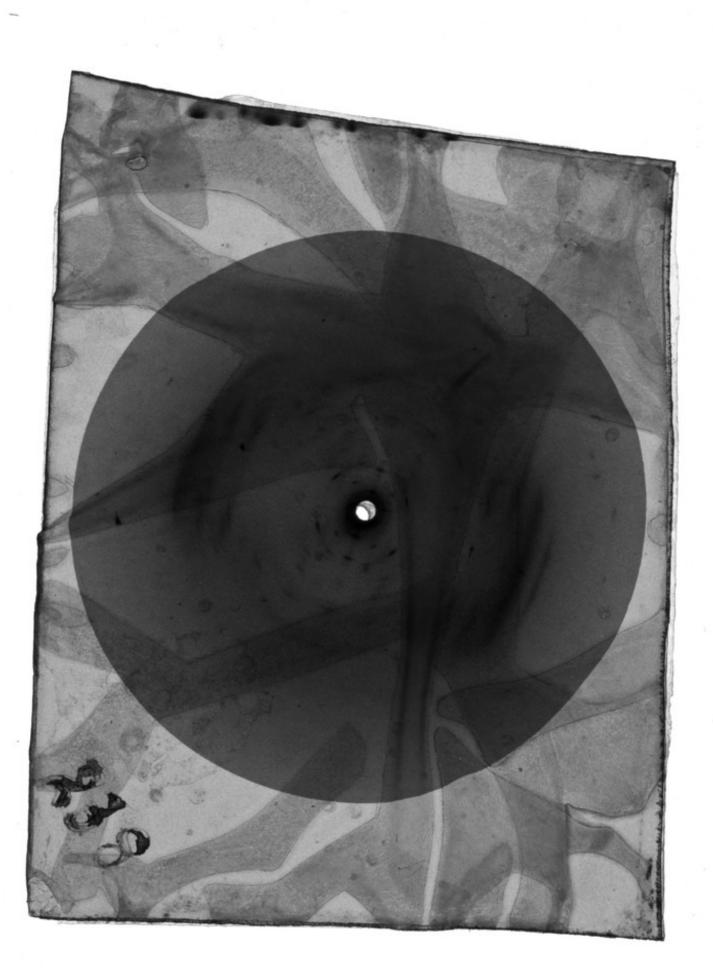
299 [Avia] Tub[ercule] 92% R [relative humidity]



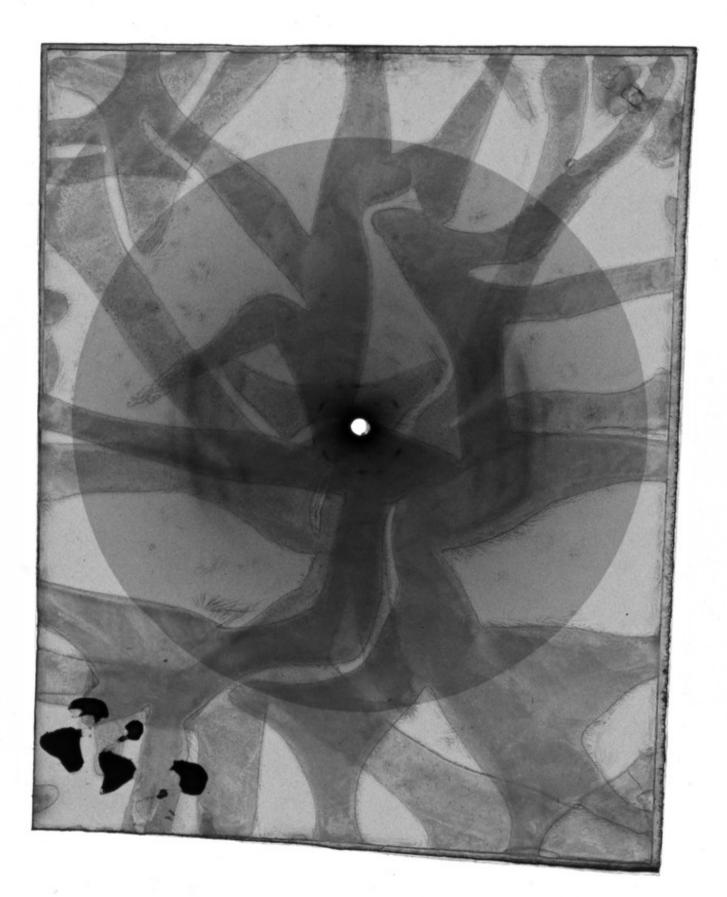
No. 245 Avian Tuber[cule] 4 day exp[osure] Good picture

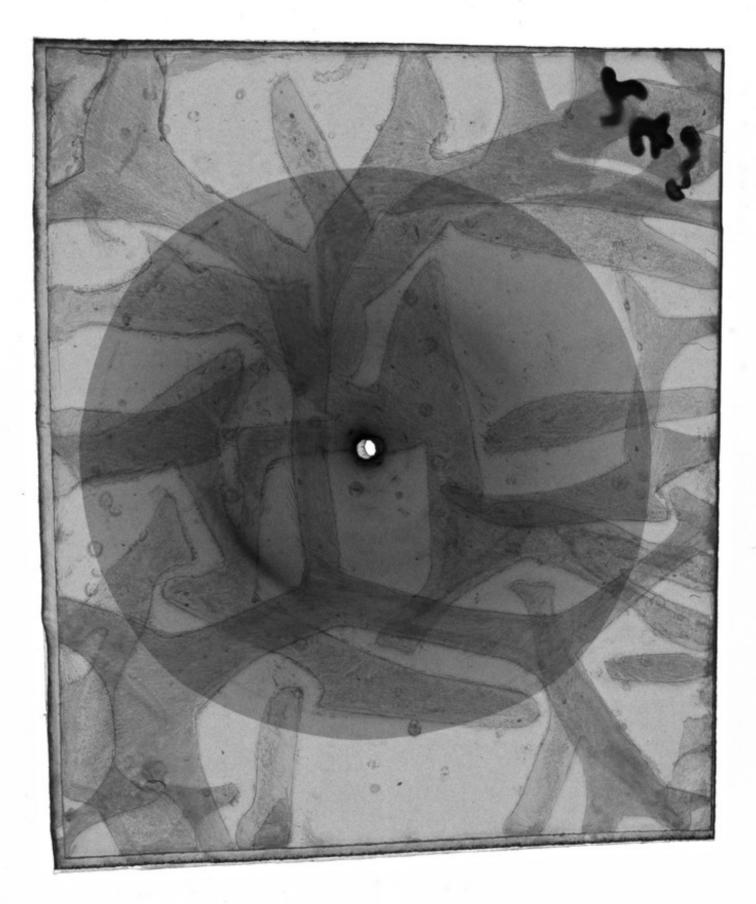


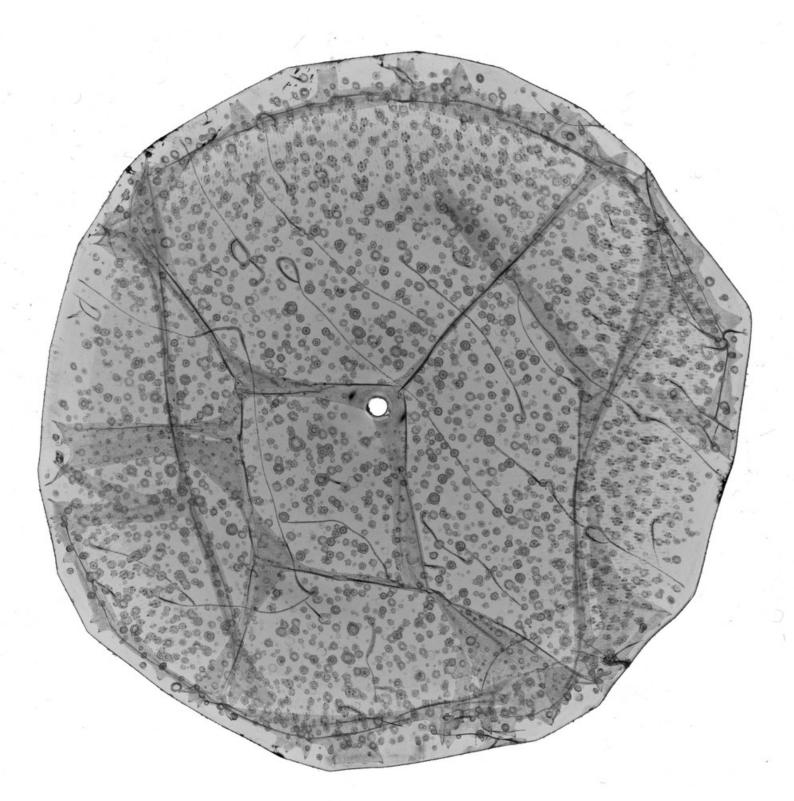
182 Avian Tuberc[ule] DNA



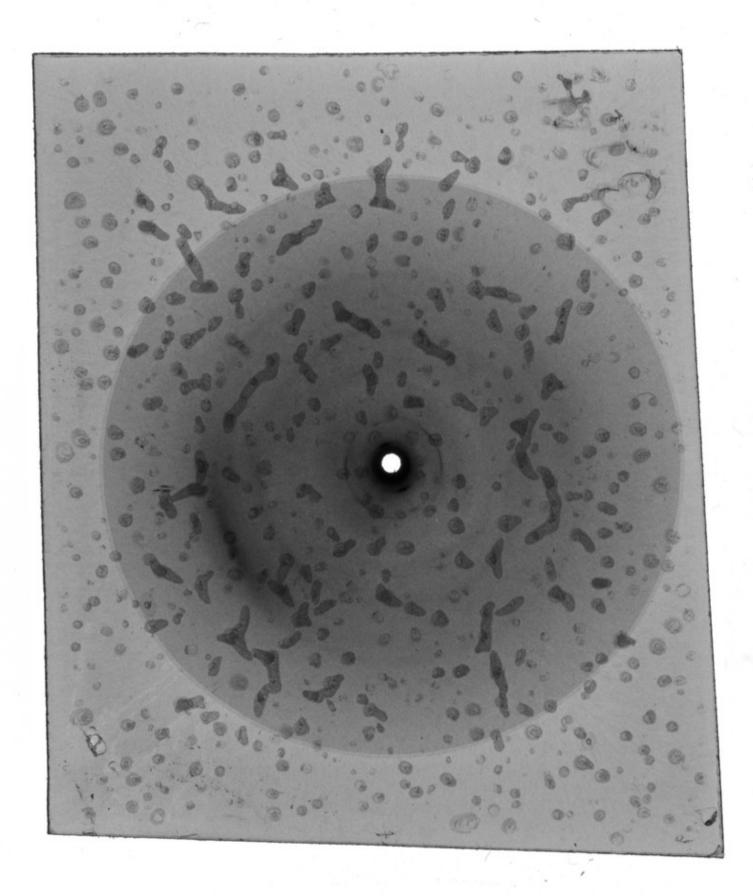
238 Geoffrey"s [Brown] Avian Tuberc[ule] DNA

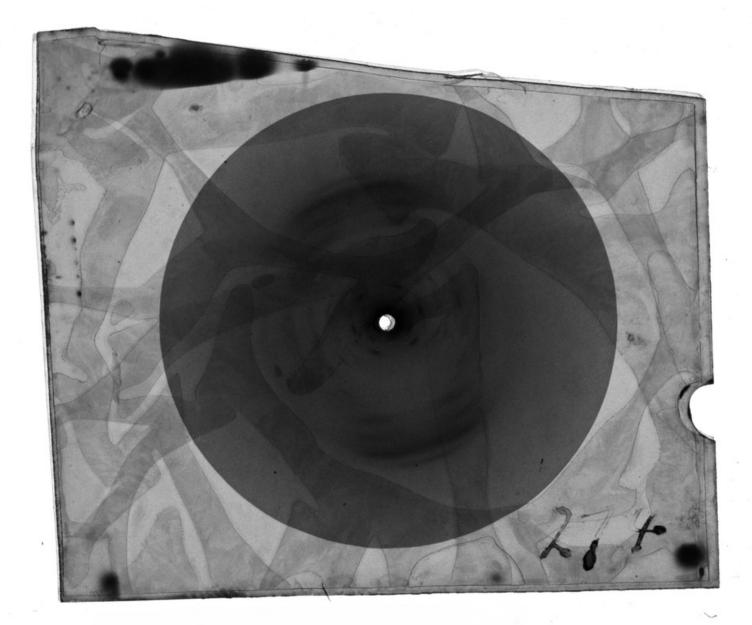




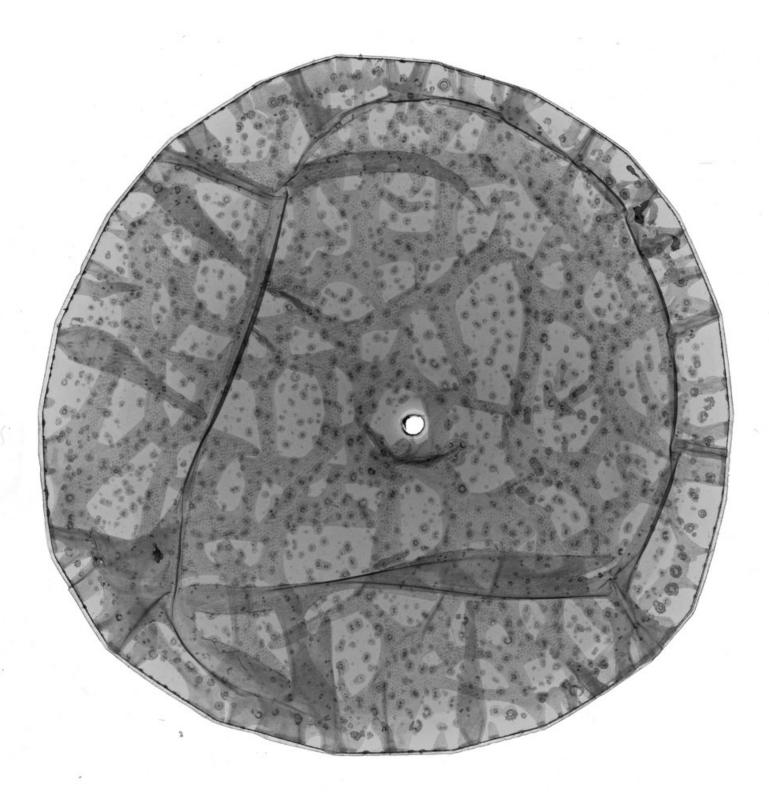


Avian Tubercule DNA at 92% RH. [relative humidity] No 299

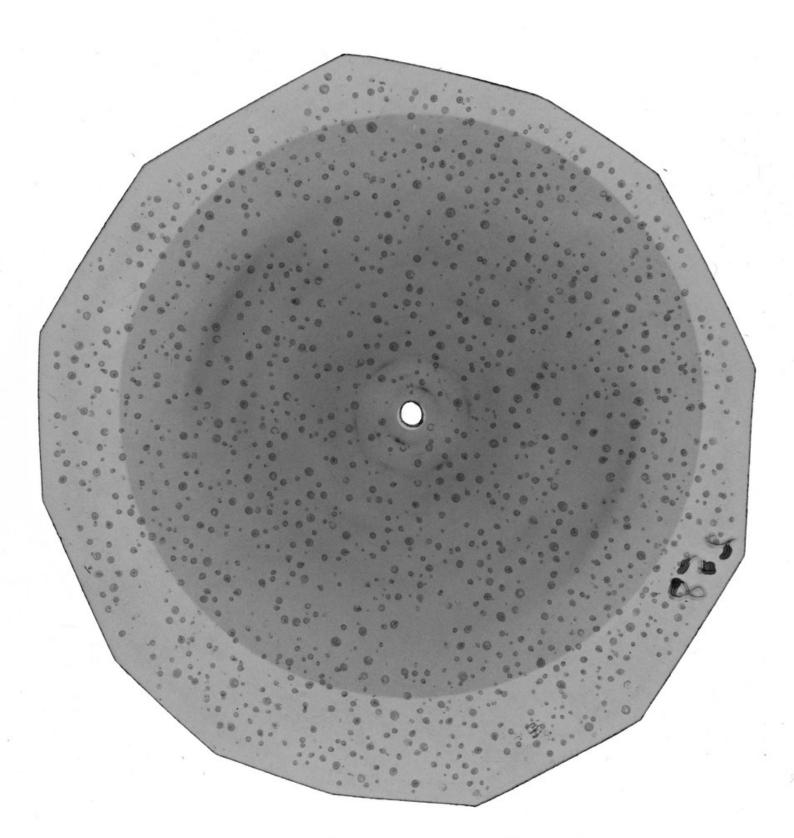




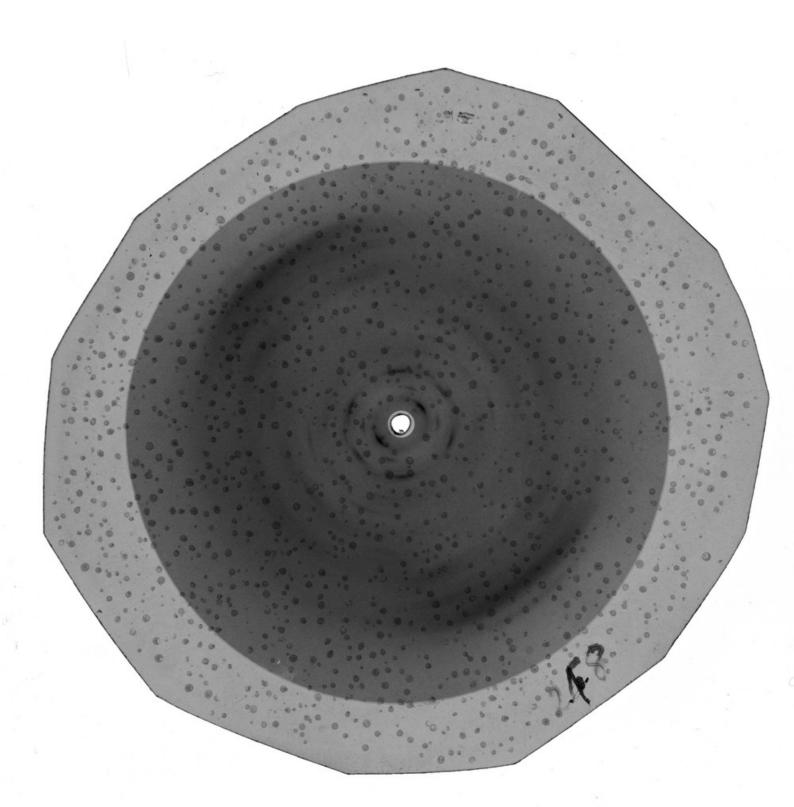
No. 274 Avian Tubercule 75% R.H. [relative humidity]



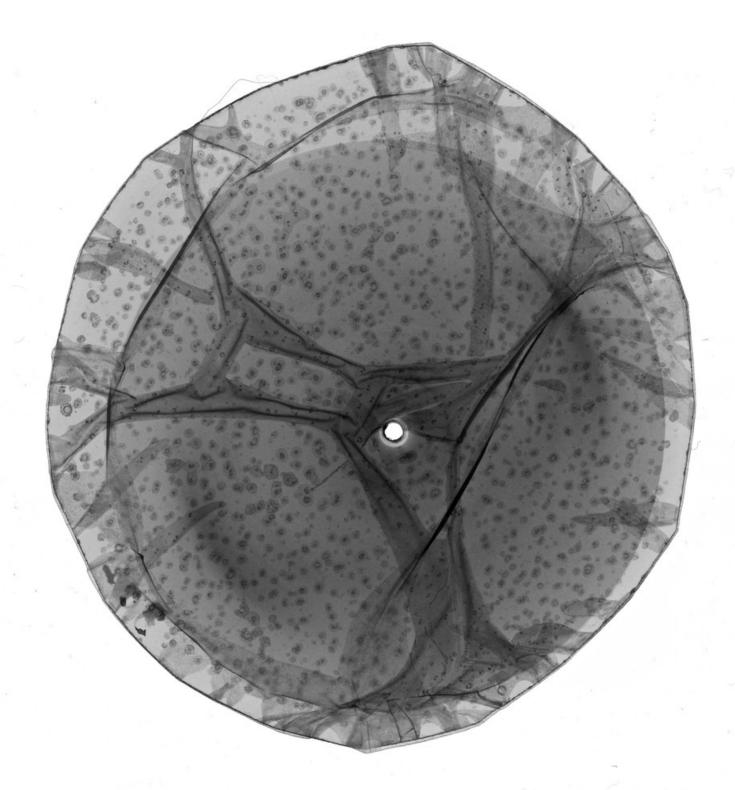
302 Avian Tubercule at 75% R.H. [relative humidity]



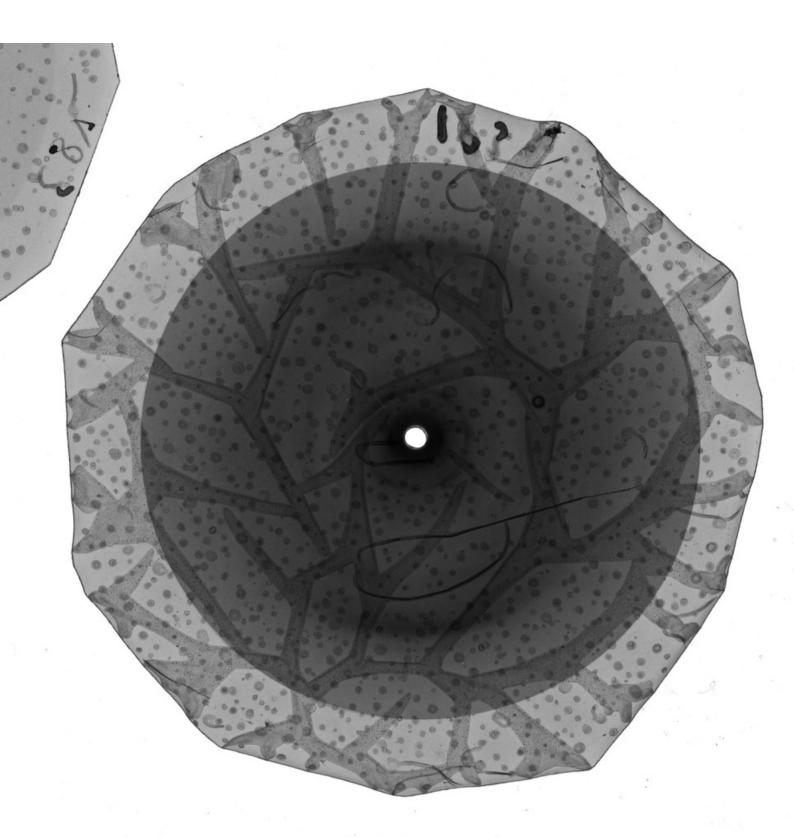
1. 248 Avian Tuberc[ule] DNA (Briggs)

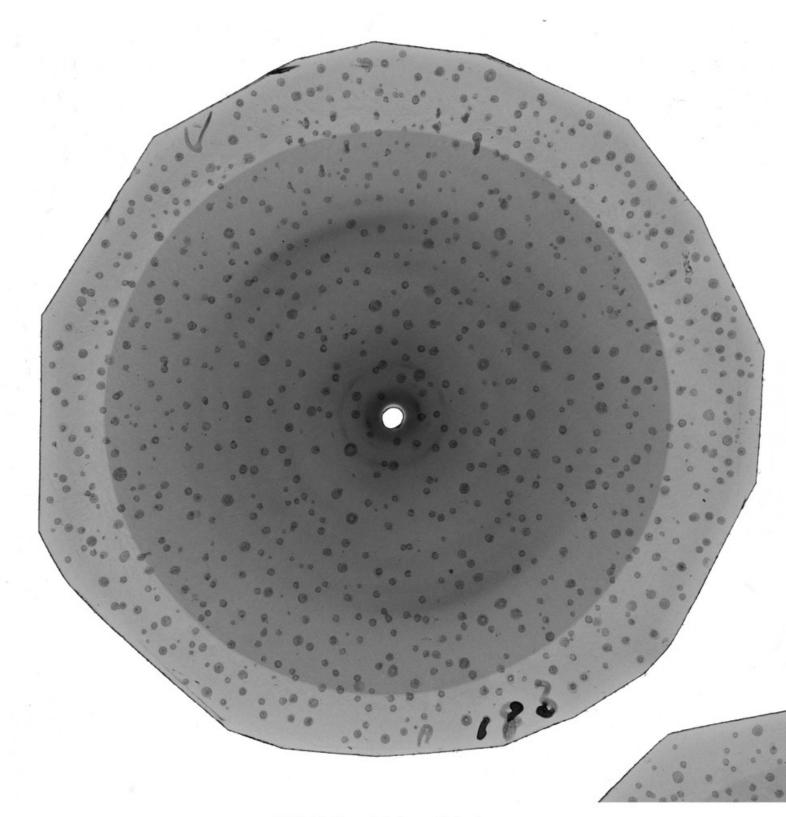


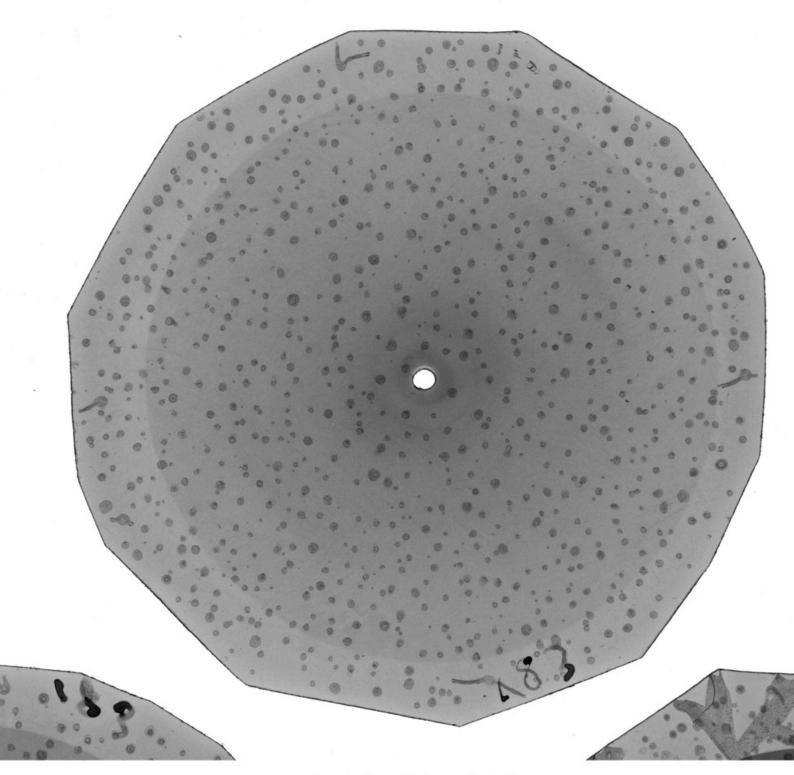
1. 248 Avian Tuberc[ule] DNA (Briggs)

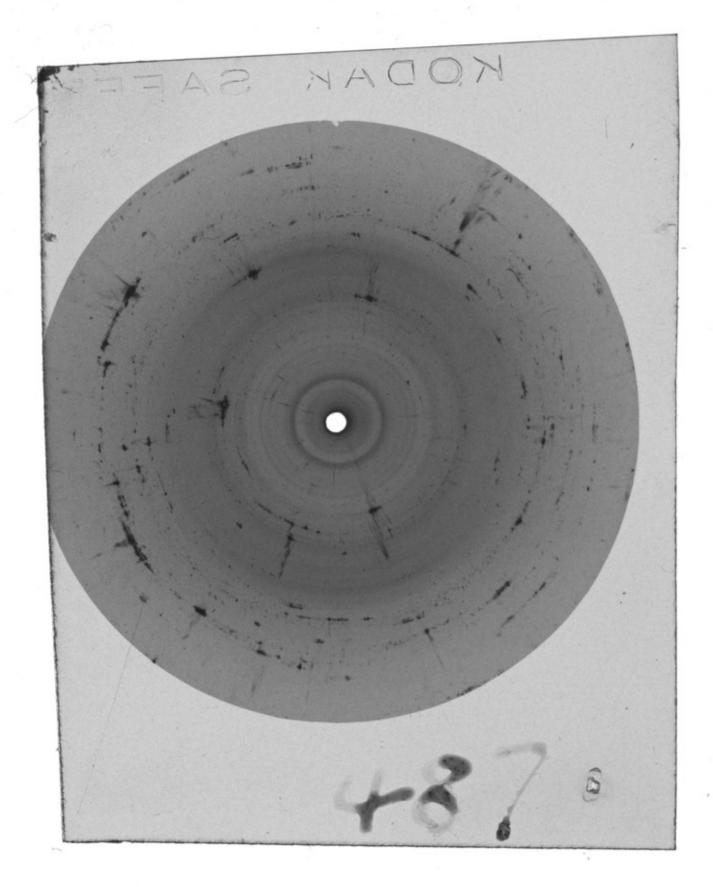


1. 248 Avian Tuberc[ule] DNA (Briggs)

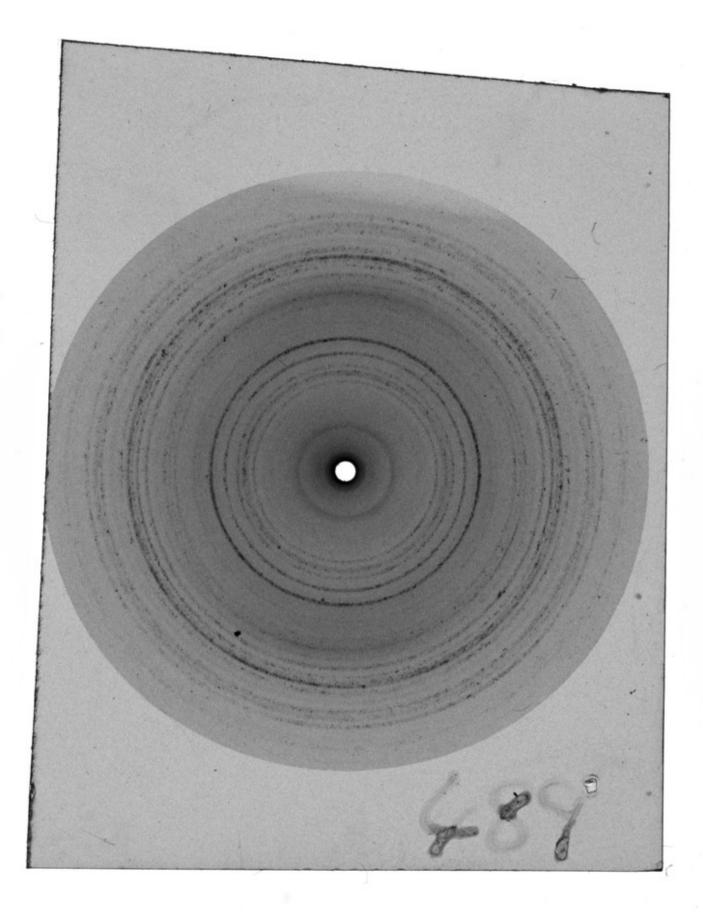




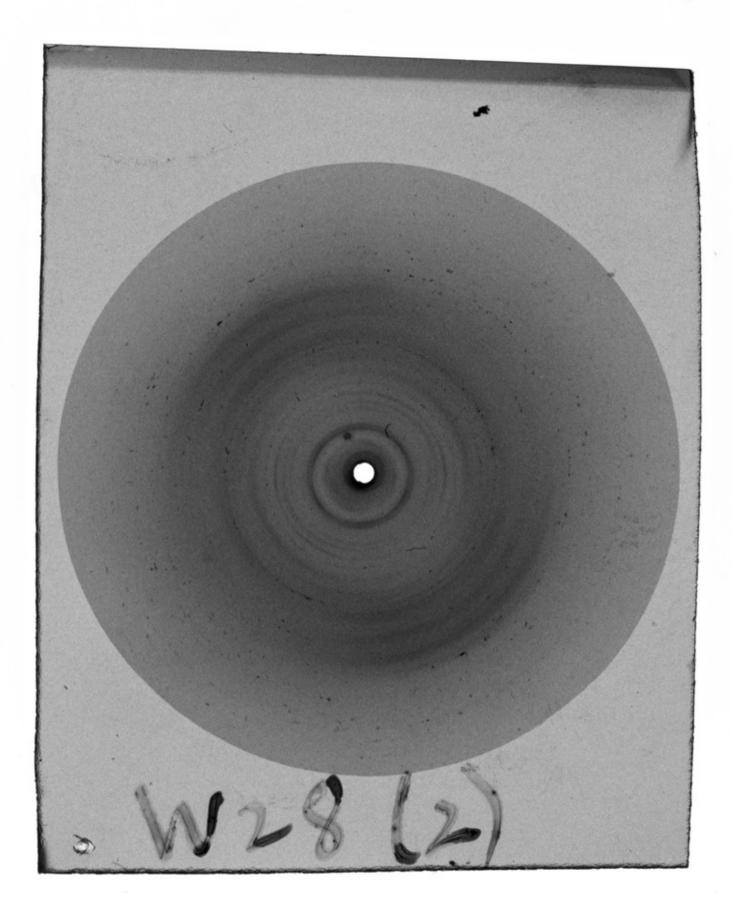




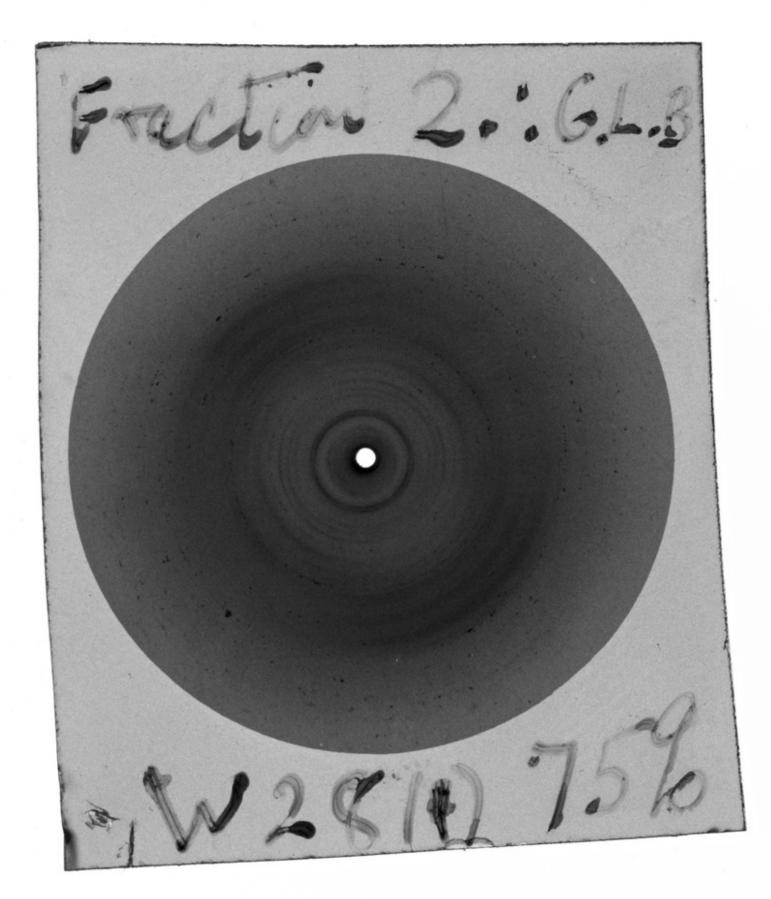
Geoffrey's [Leonard Brown] fractions 487- No1 489-No3



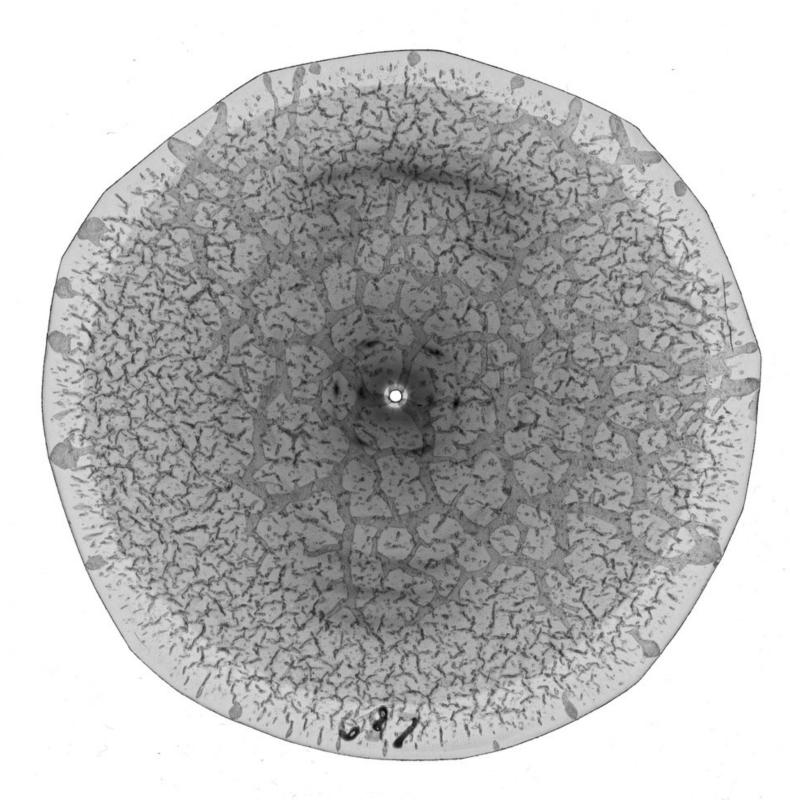
Geoffrey's [Leonard Brown] fractions 487- No1 489-No3



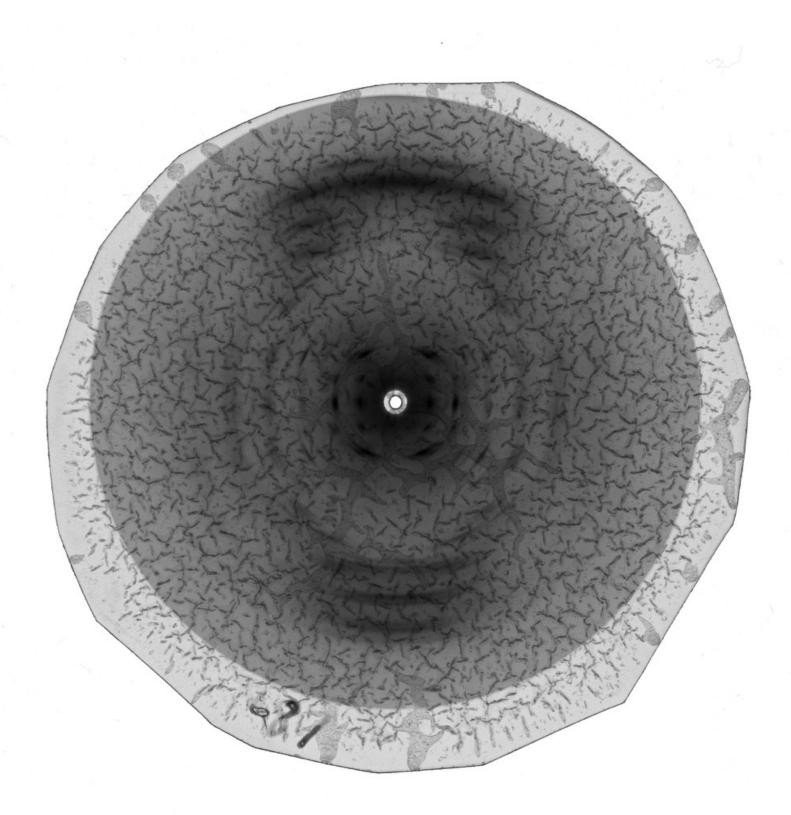
W28 75% [relative humidity] Fraction 2 Fractrated DNA from G[eoffrey] L Brown



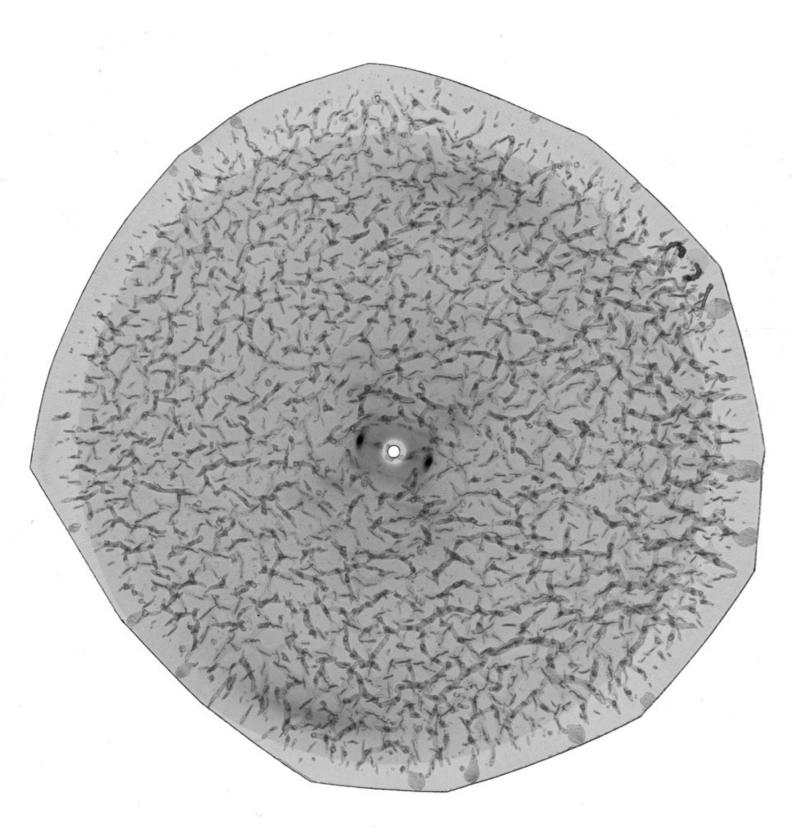
W28 75% [relative humidity] Fraction 2 Fractrated DNA from G[eoffrey] L Brown



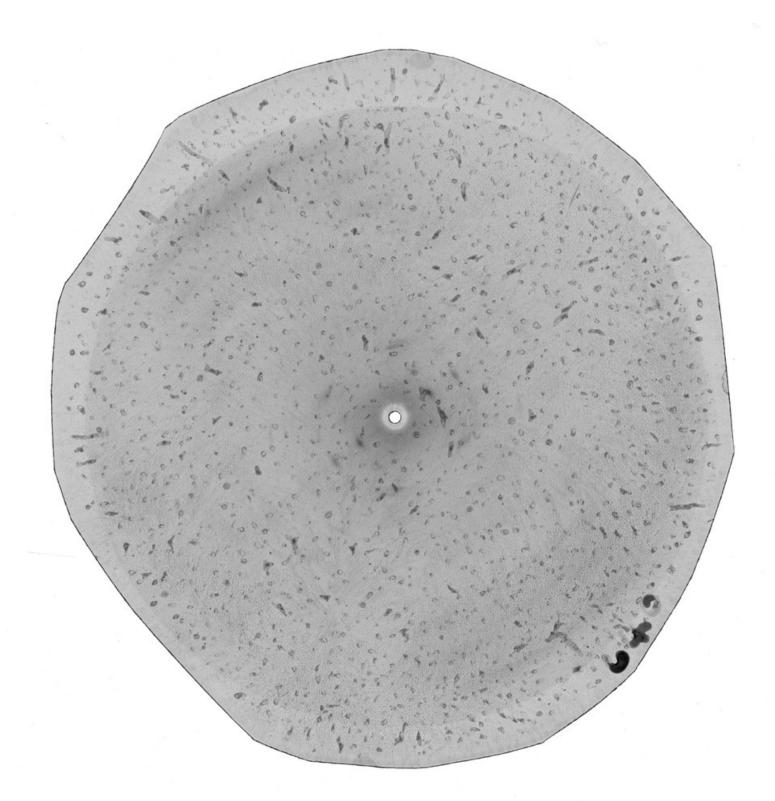
[Roger] Vendrely's DNA stretched 687



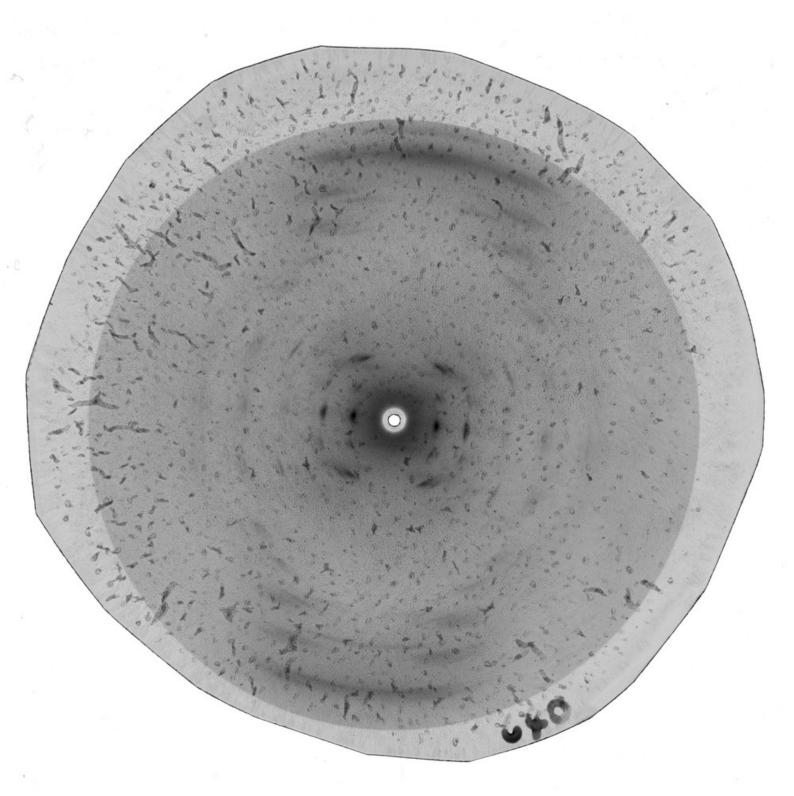
[Roger] Vendrely's DNA stretched 687



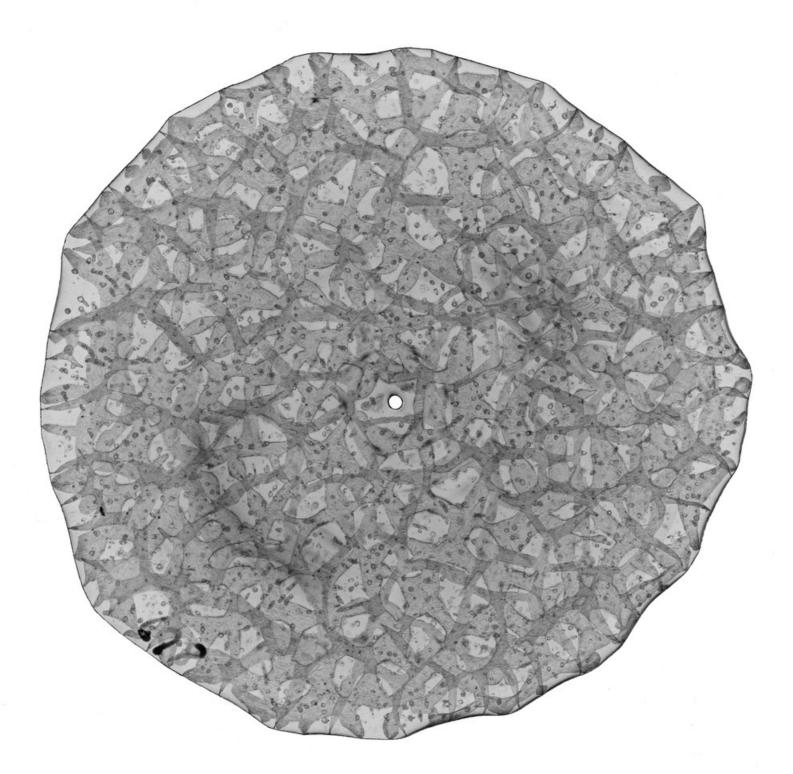
[Roger] Vendrely's DNA 637 + 640



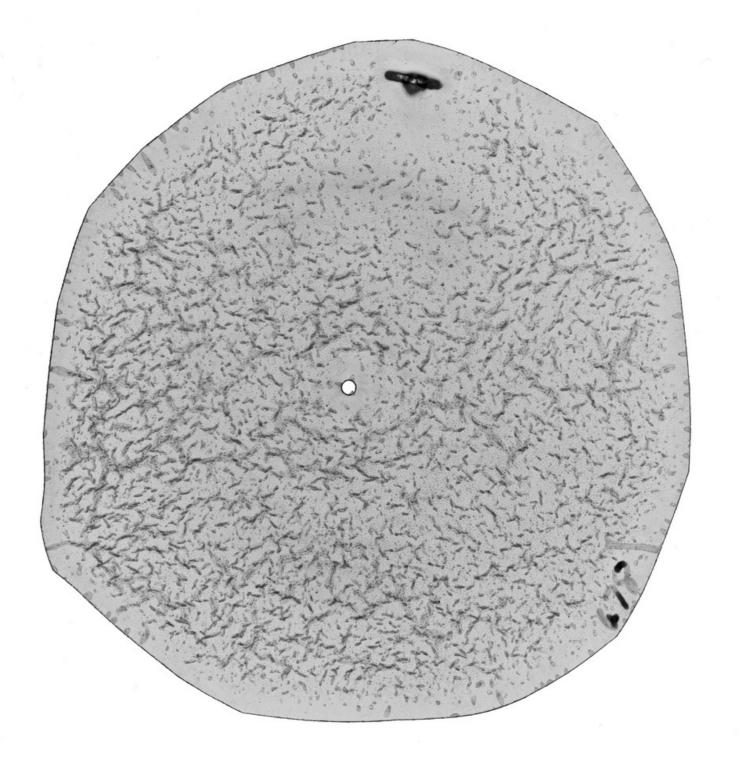
[Roger] Vendrely's DNA 637 + 640



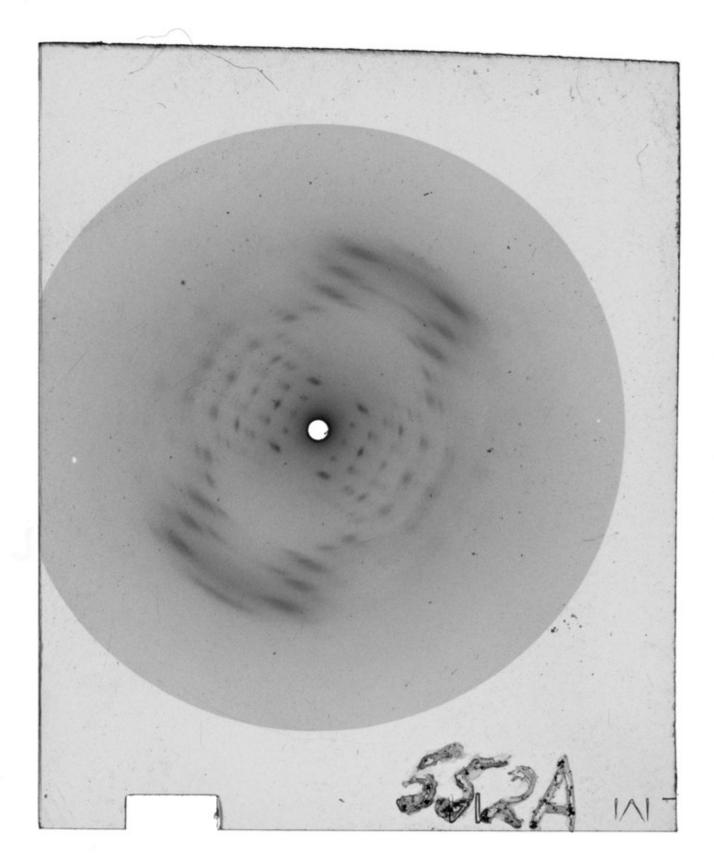
[Roger] Vendrely's DNA 637 + 640



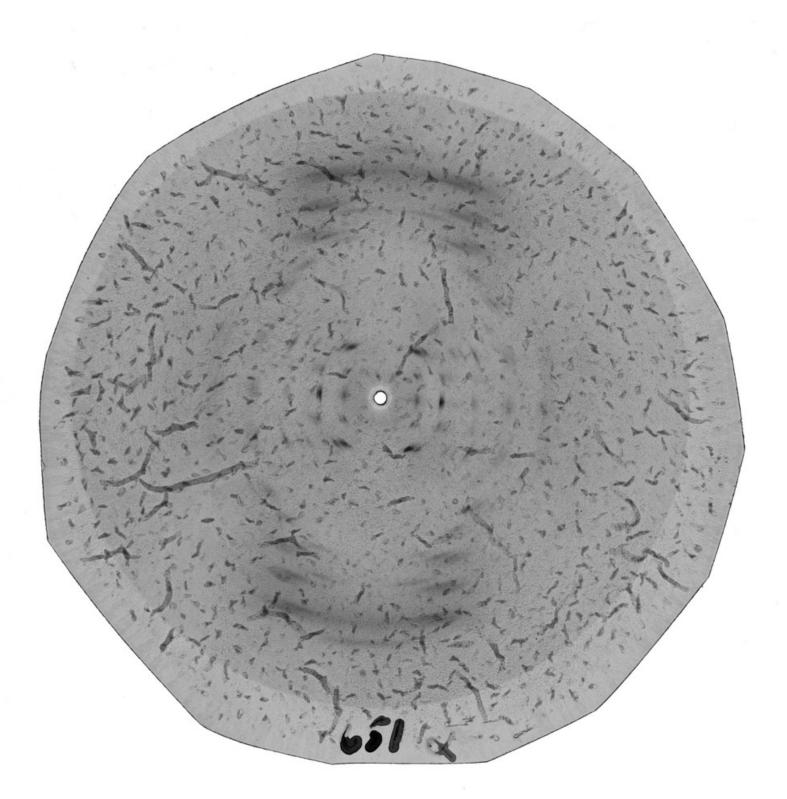
[Roger] Vendrely's DNA 678



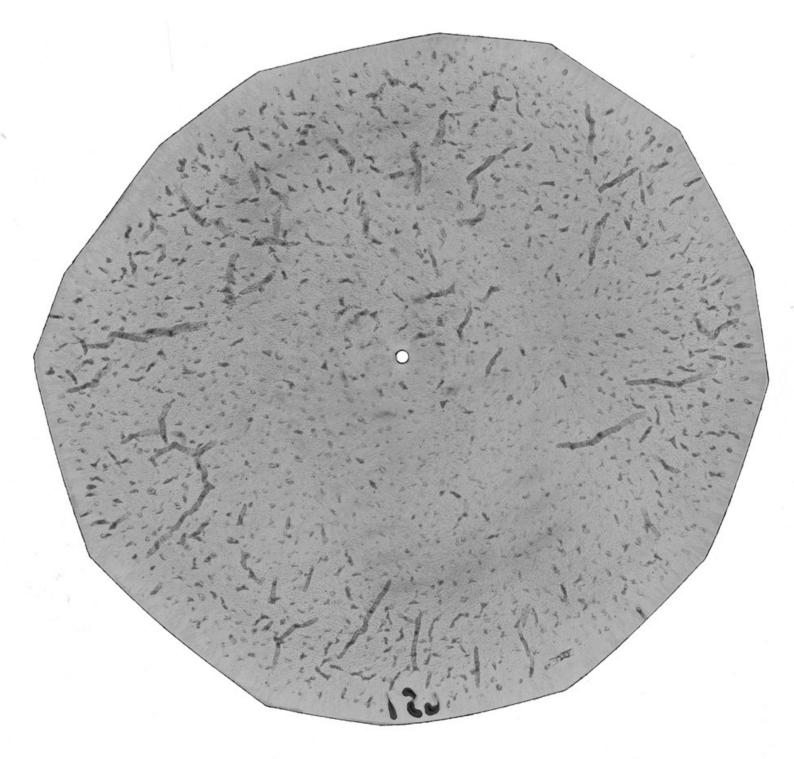
[Roger] Vendrely's DNA 678



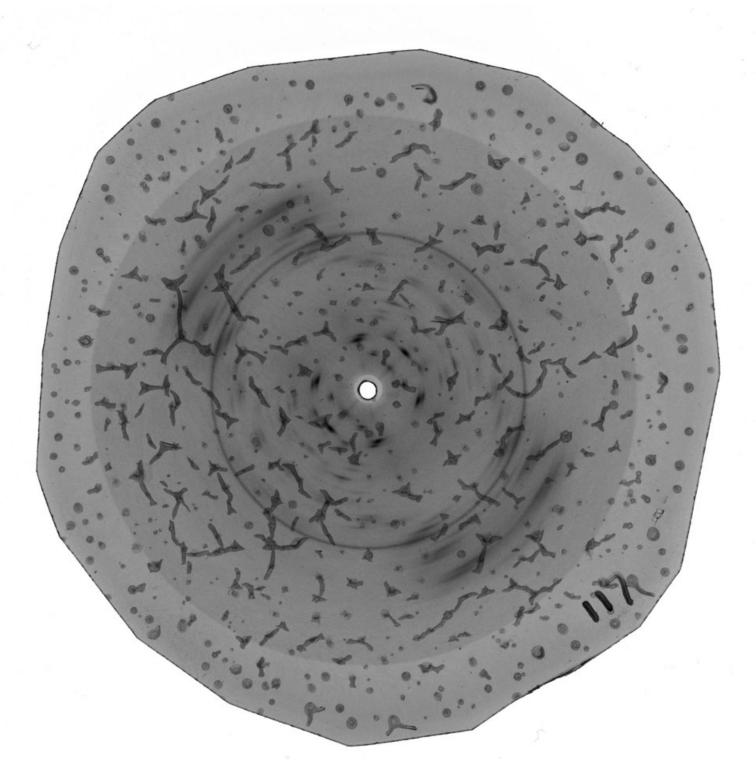
[Roger] Vendrely's DNA 552A



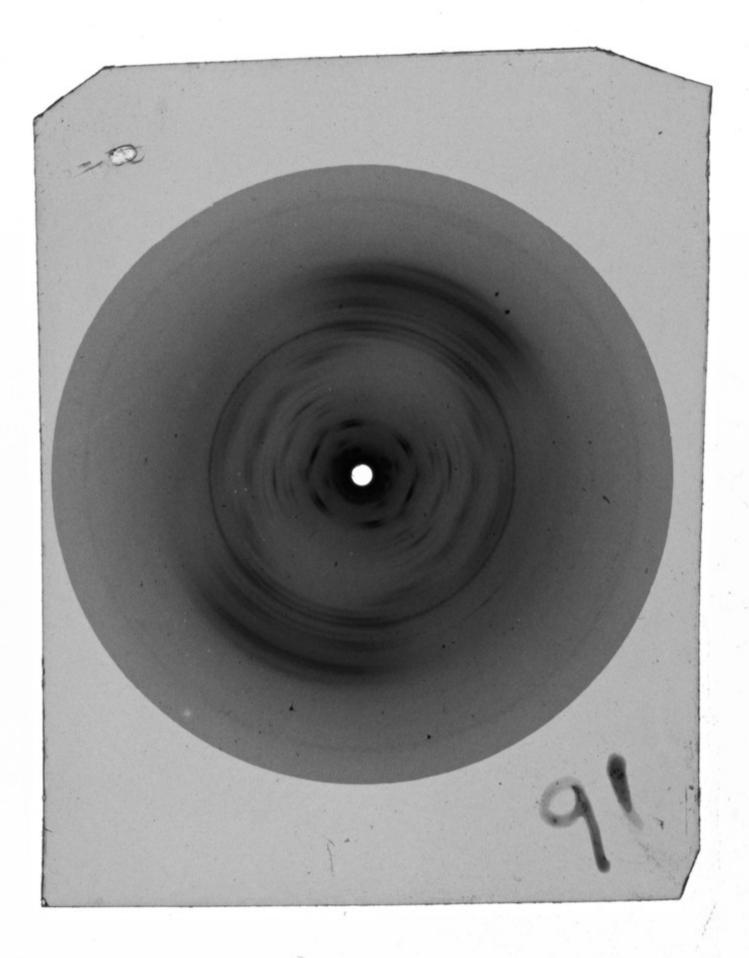
[Roger] Vendrely's DNA 651



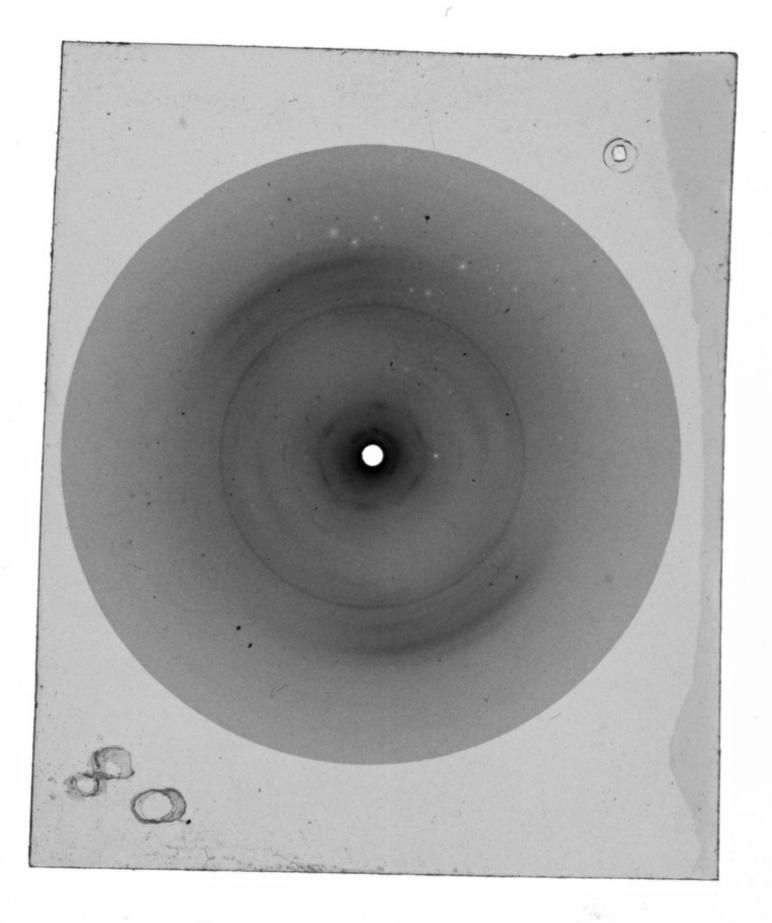
[Roger] Vendrely's DNA 651



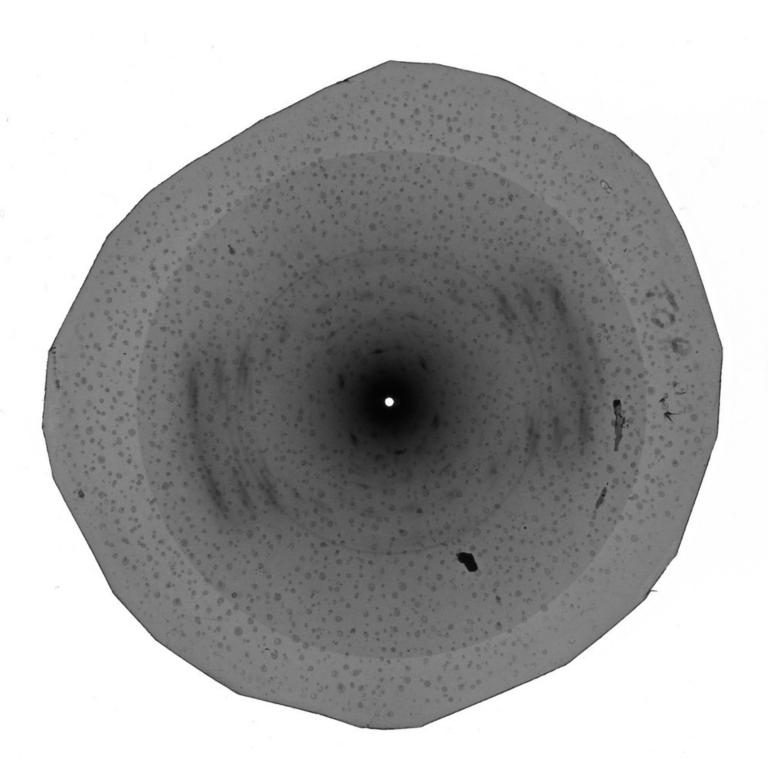
117 human film



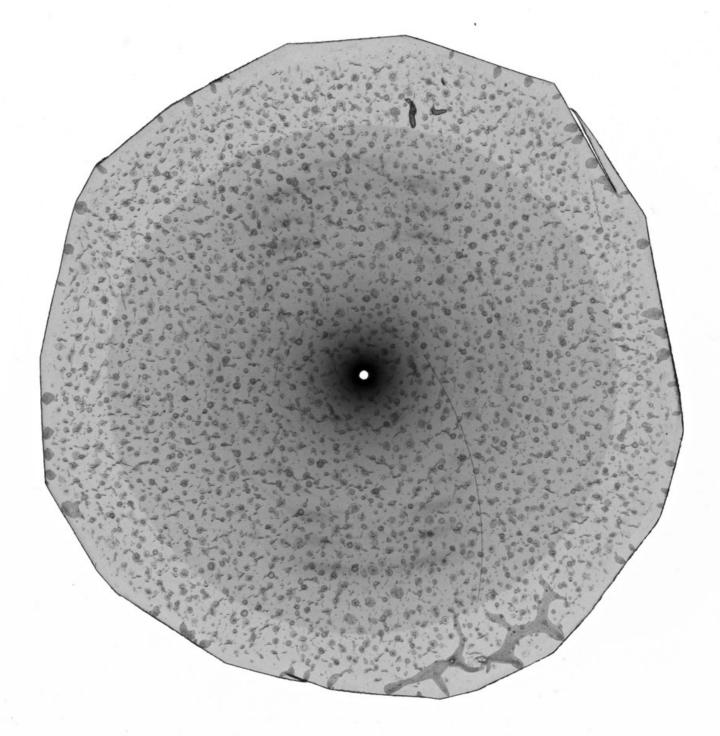
No. 91 S180 [mouse sarcoma] x 3



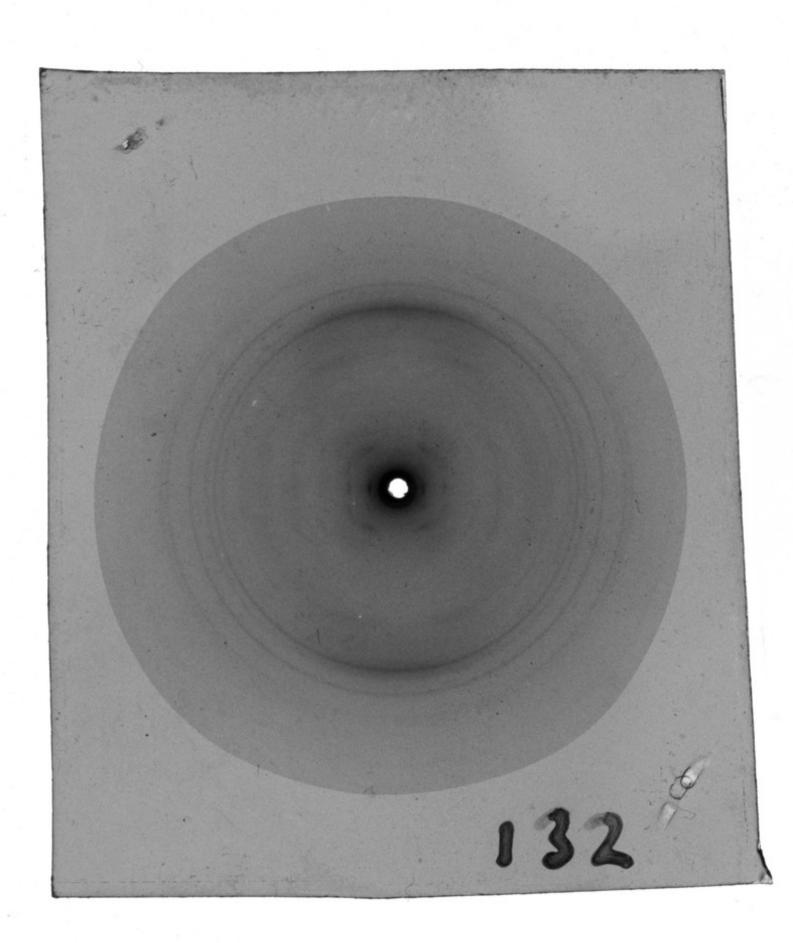
Mouse DNA 2nd [II]



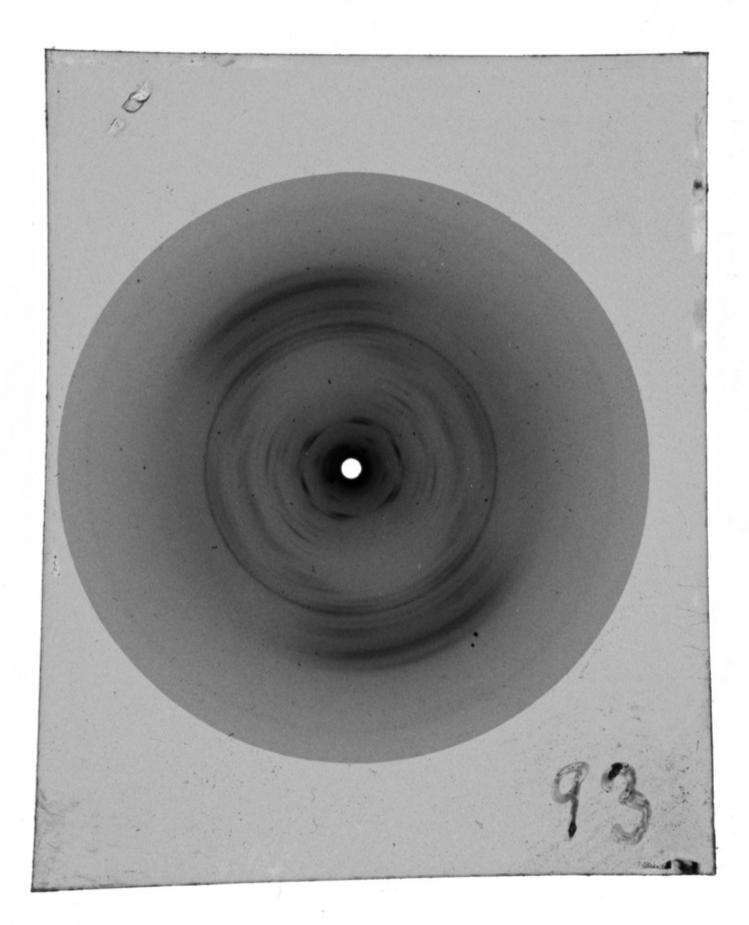
S180-C3 [mouse sarcoma] 130um film 92



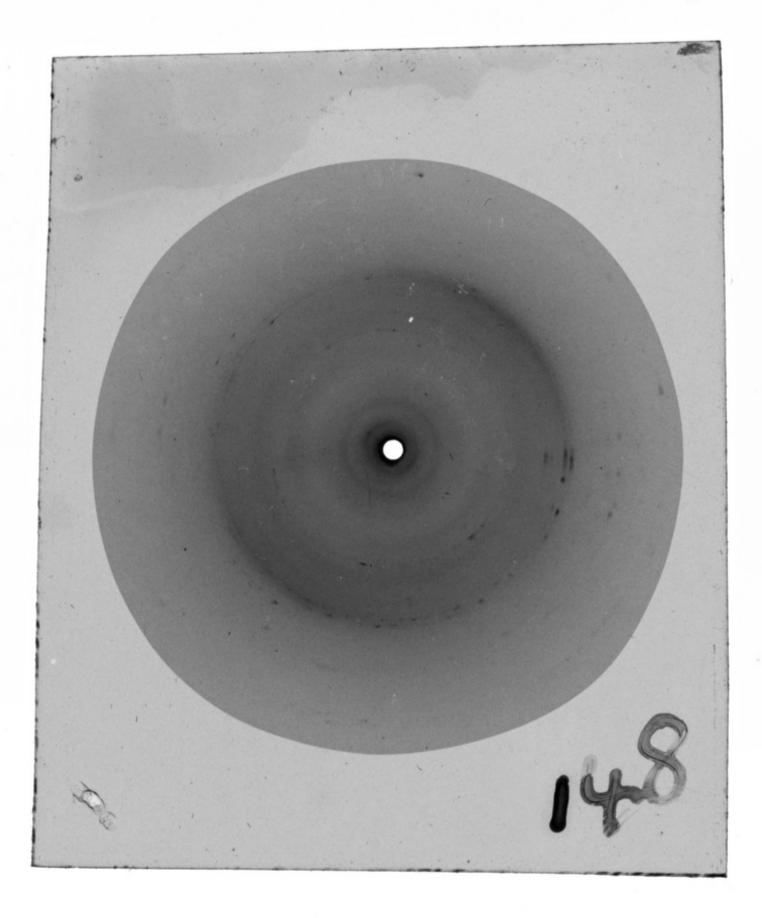
S180-C3 [mouse sarcoma] 130um film 92



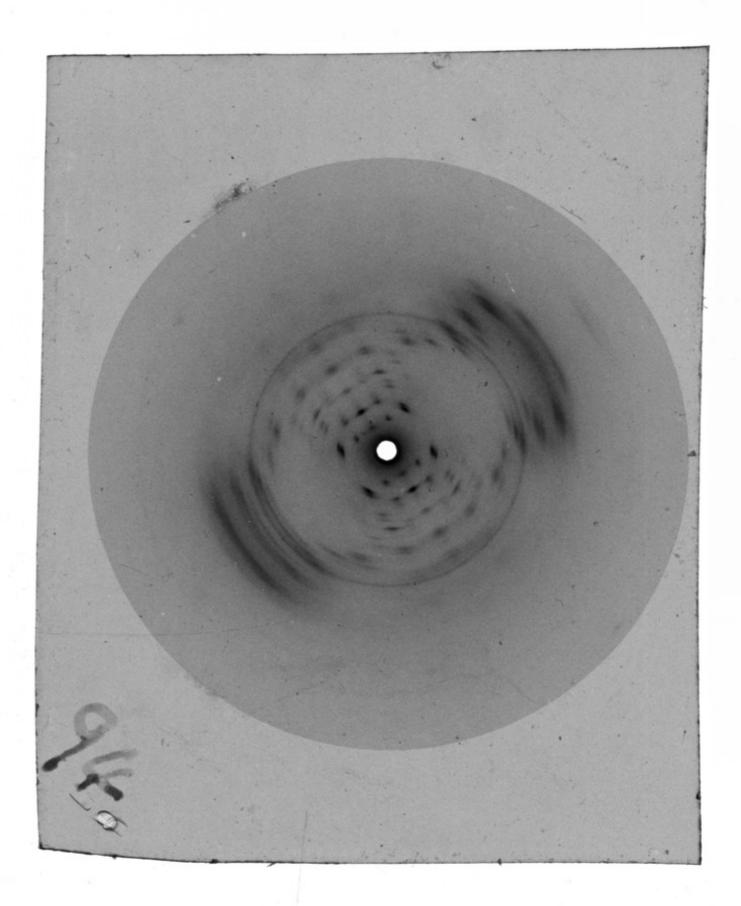
132 Str. S180 [mouse sarcoma]



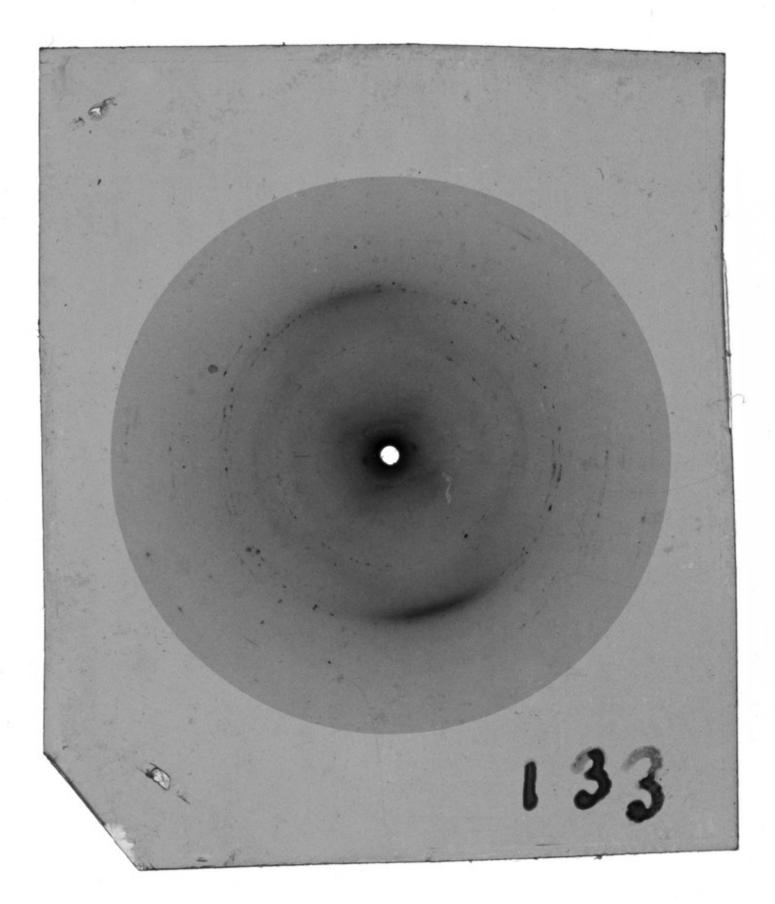
No. 93 S180 [mouse sarcoma] C3



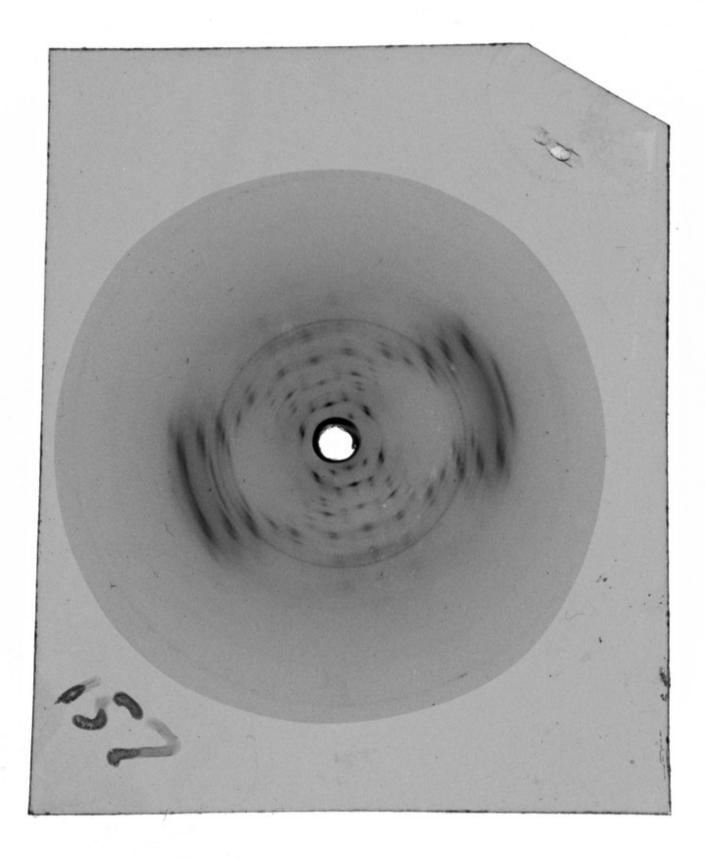
148 S180 [mouse sarcoma] (Best fibre)



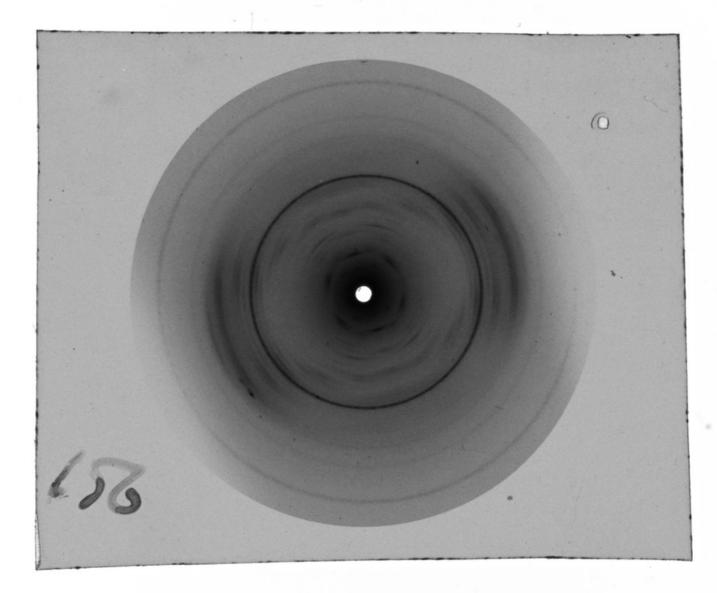
94 Mouse DNA C3 75% H [relative humidity]



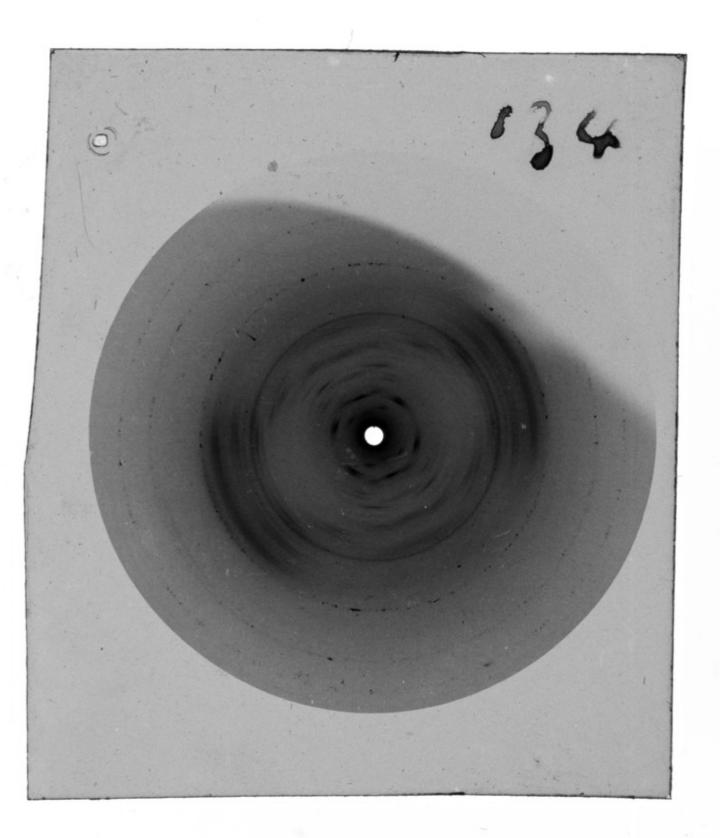
133 S180 [mouse sarcoma] Ca++ [Calcium]



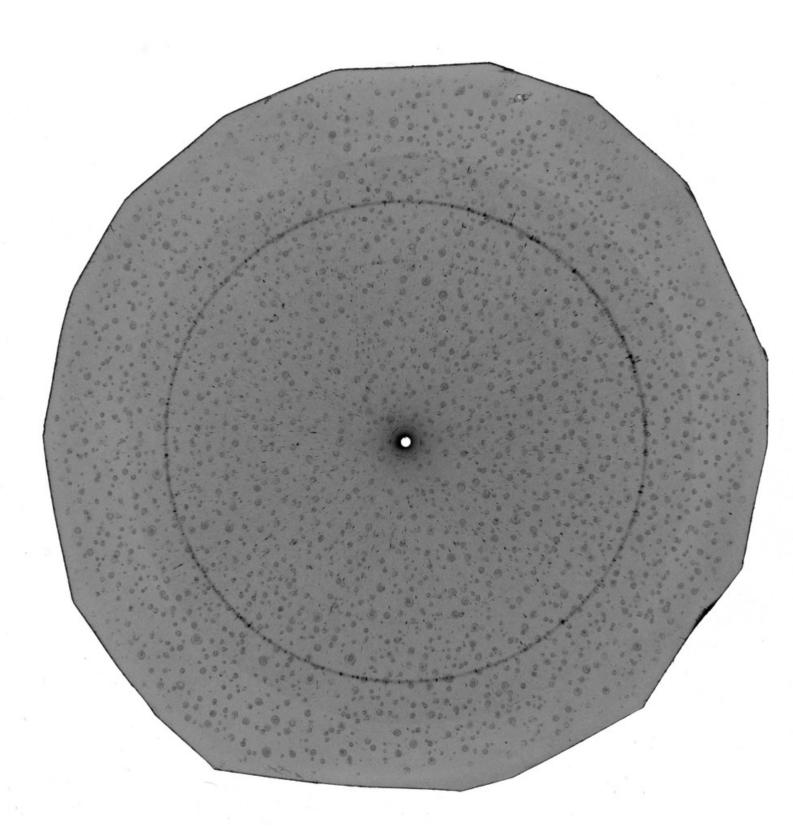
157 RB3-147 DNA C2



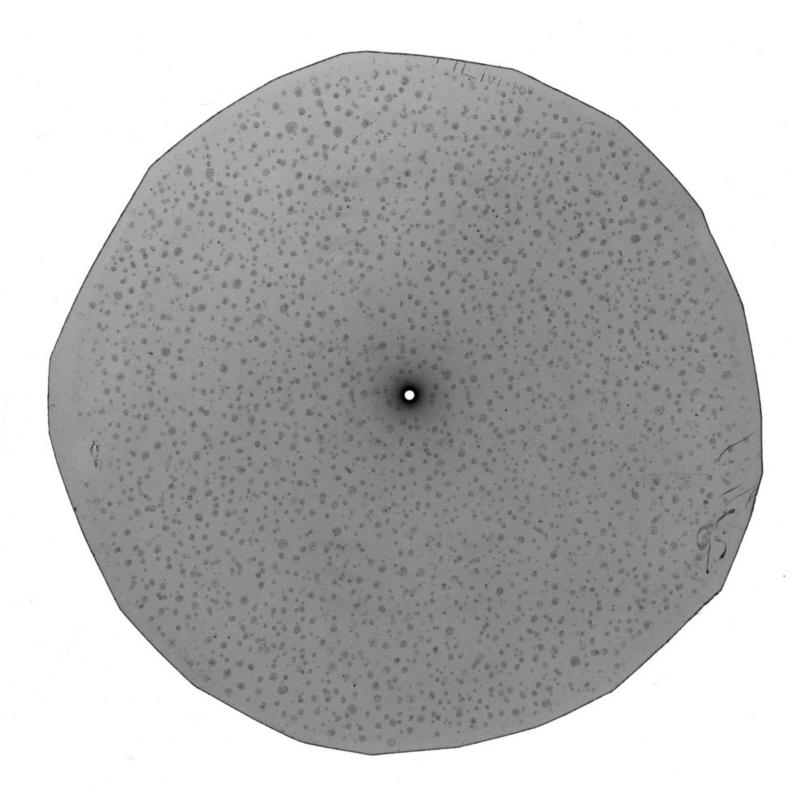
156 RB3-148 DNA S2



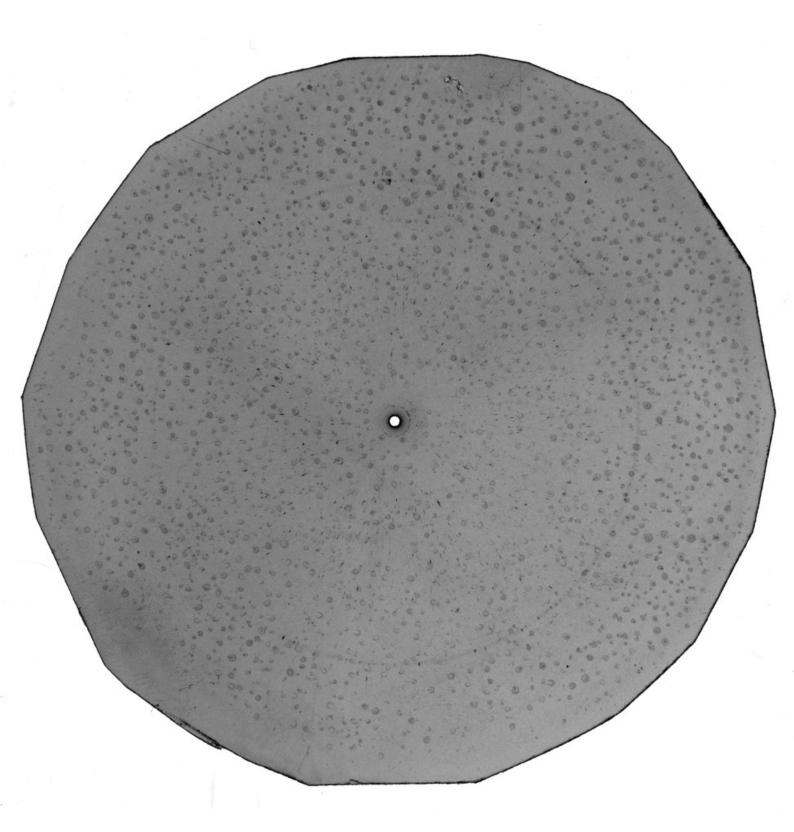
[No.]134 S180 [mouse sarcoma] (primarily d. 02)



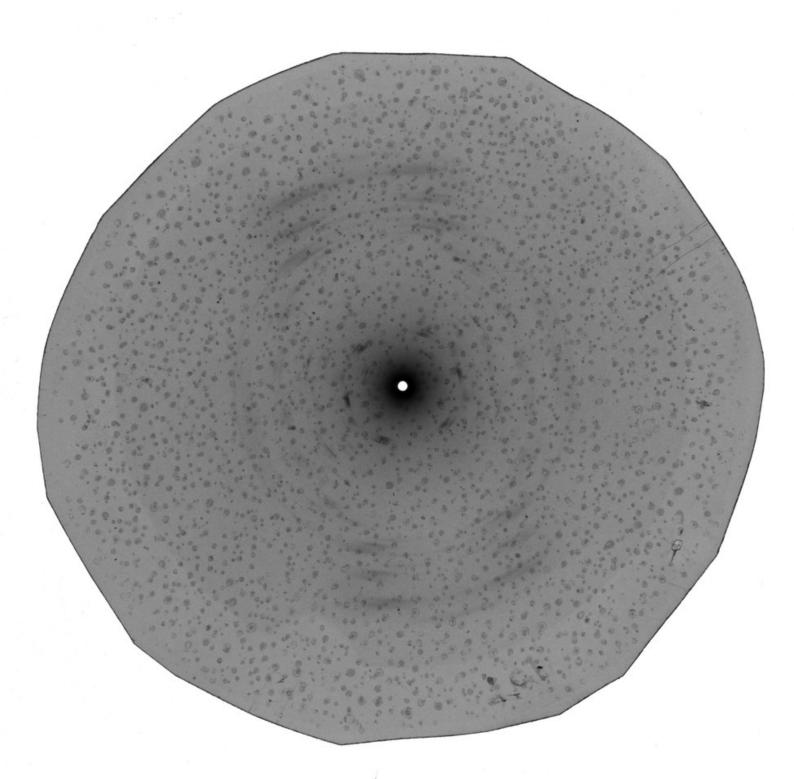
No. 95 80um S180 [mouse sarcoma] -C3 fibre



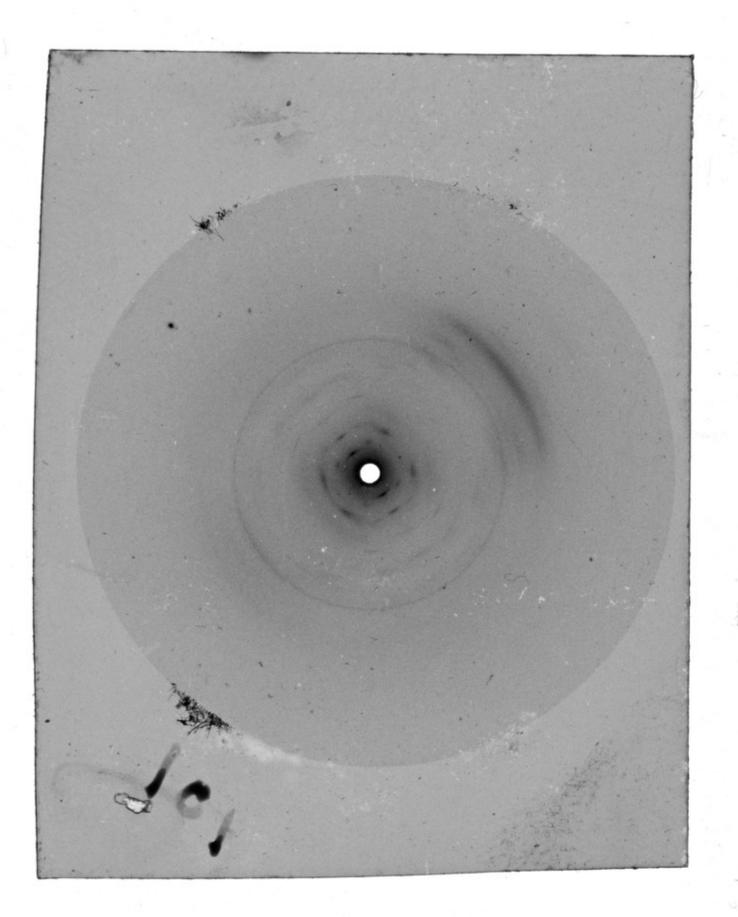
No. 95 80um S180 [mouse sarcoma] -C3 fibre



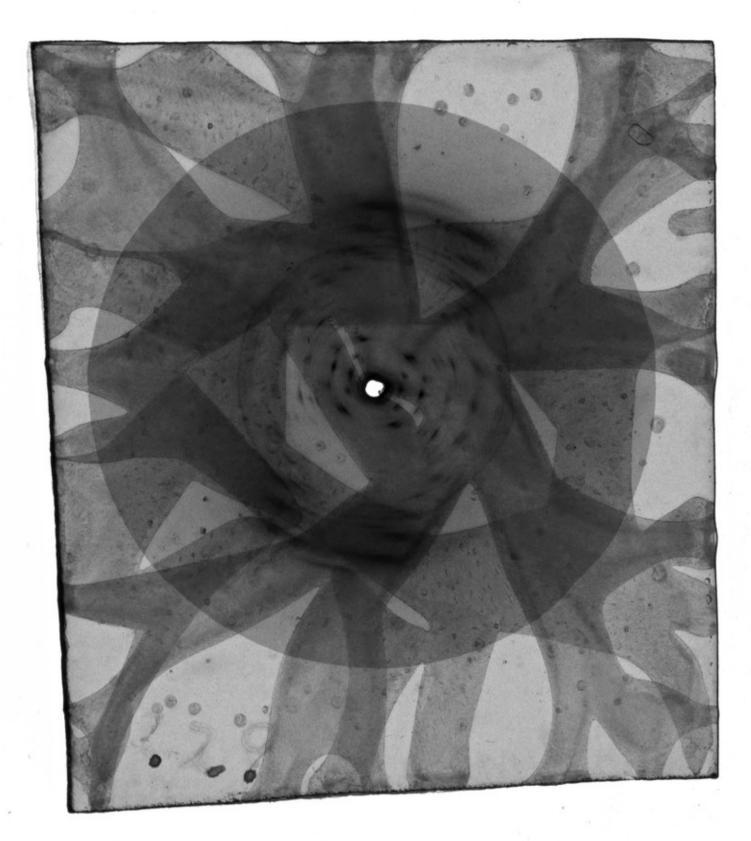
No. 95 80um S180 [mouse sarcoma] -C3 fibre



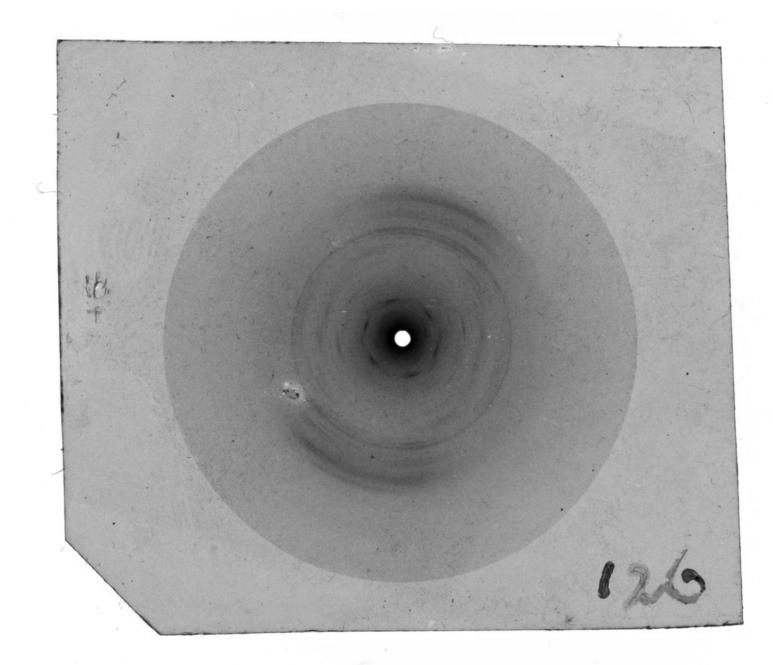
No. 95 80um S180 [mouse sarcoma] -C3 fibre



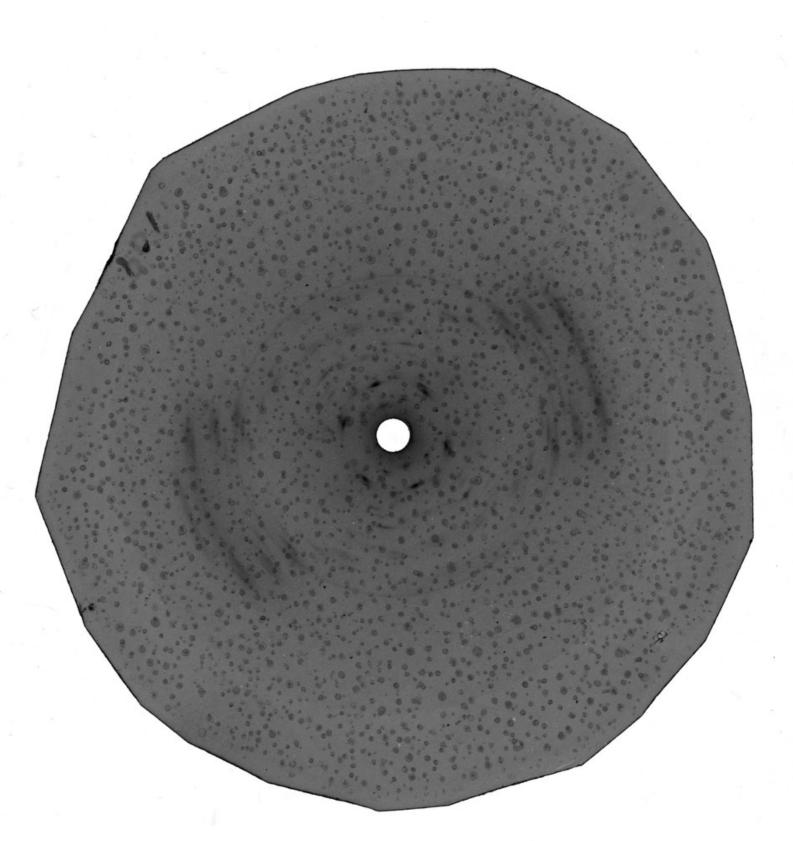
No. 101 S180 [mouse sarcoma] C3 KCl



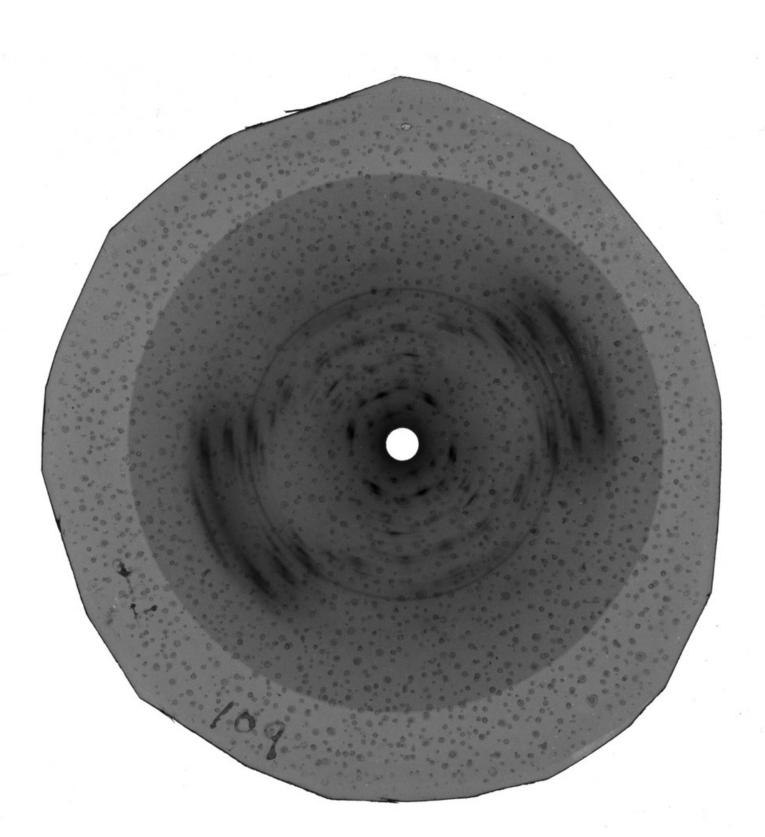
229 RB3-147 S180 [mouse sarcoma]



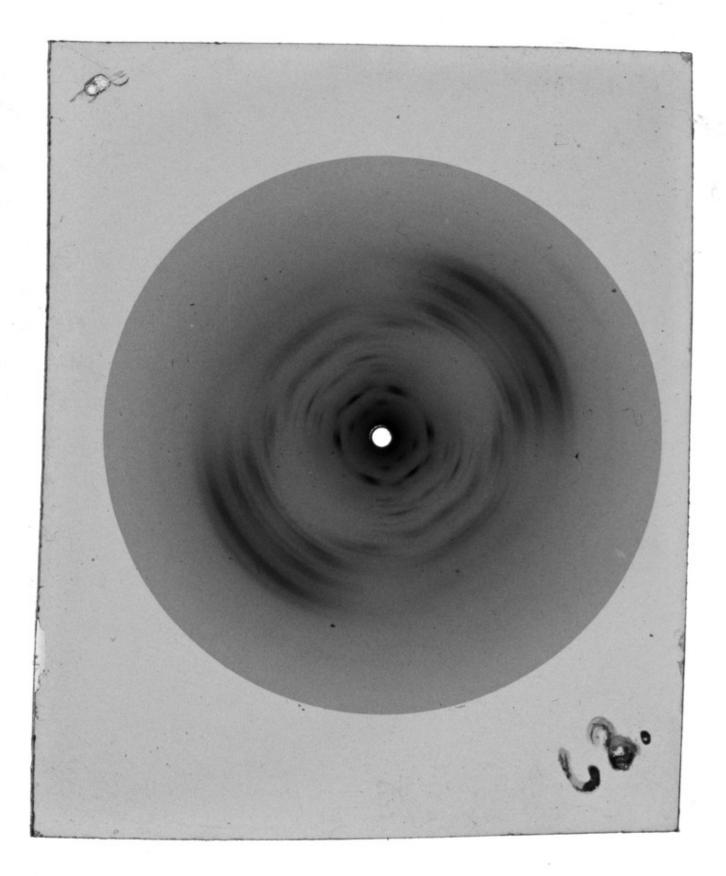
126 S180 [mouse sarcoma] RB 3-41 1X-3



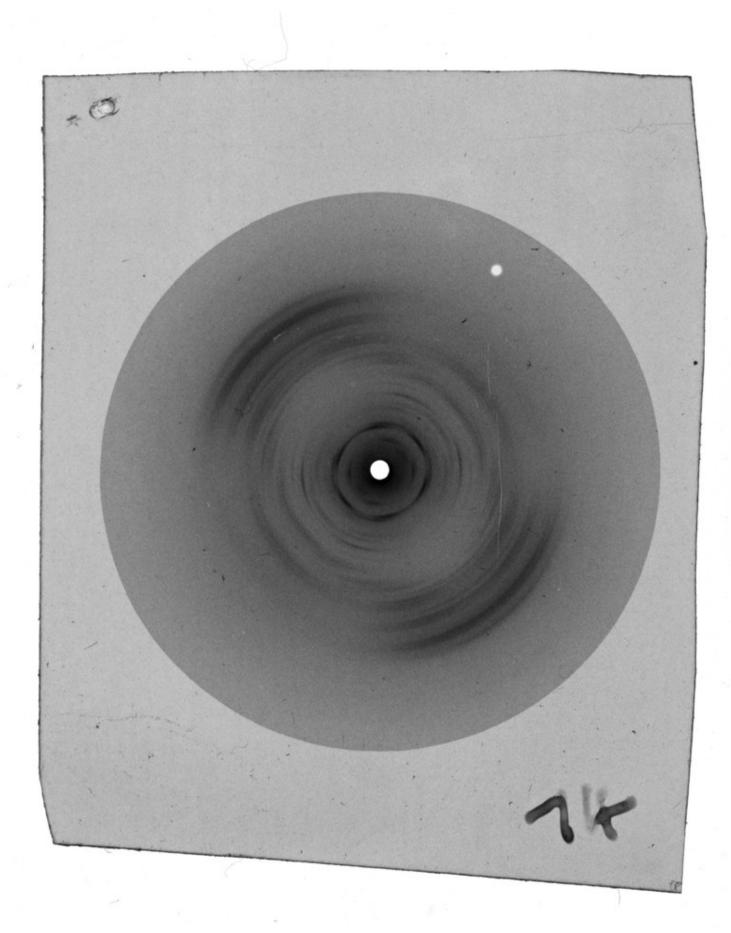
No. 109 S180 [mouse sarcoma] C3



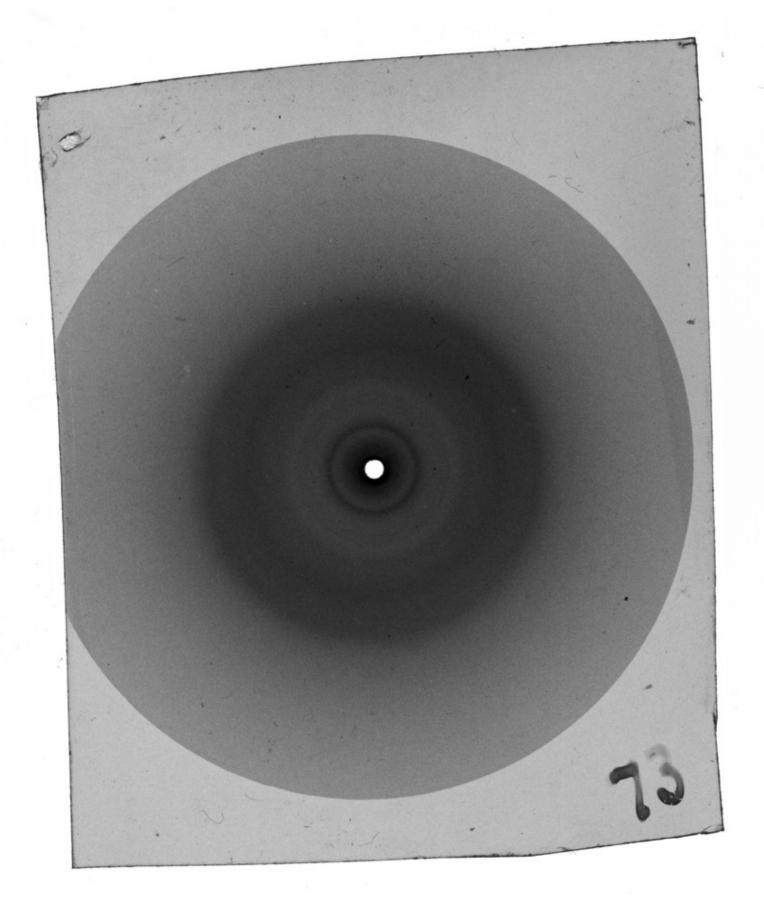
No. 109 S180 [mouse sarcoma] C3



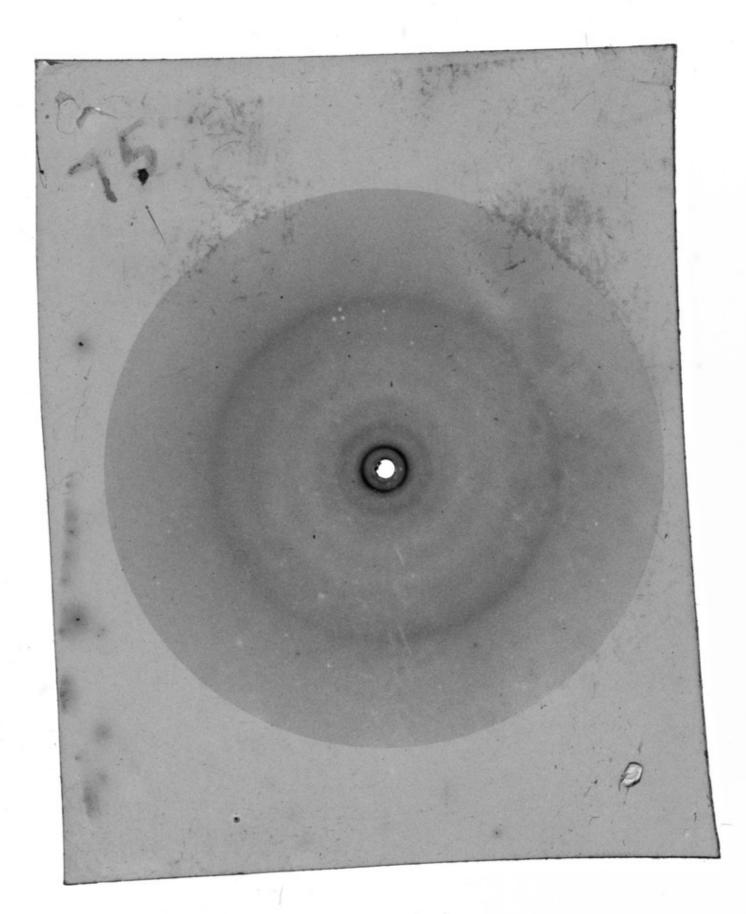
Film no . 63 [Norman] Simmon's B-Coli 75% [relative humidity] with Ni.



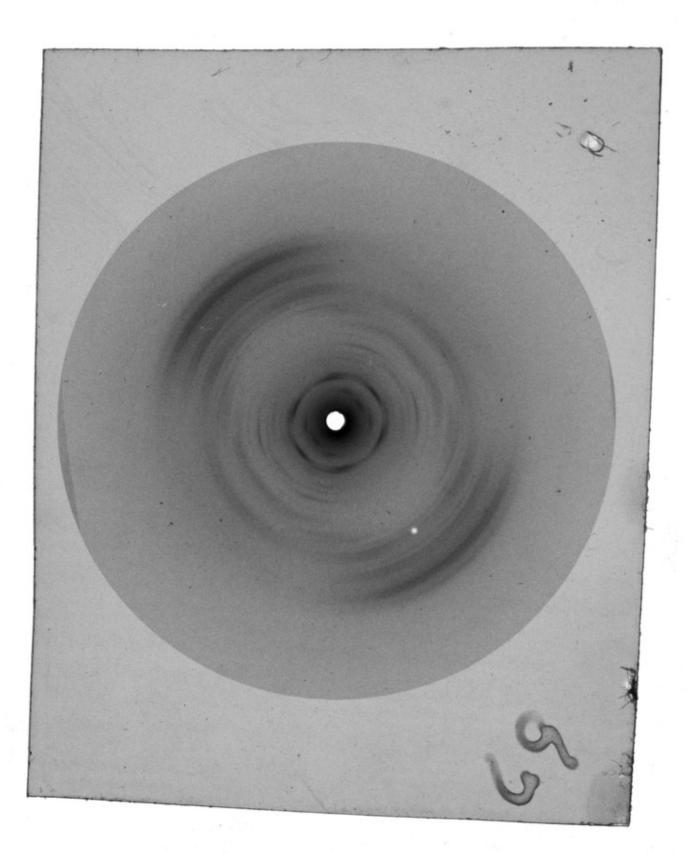
No. 74 [Norman] Simmon's B-Coli (2nd lat) Na2 S2 O3. 5H2O



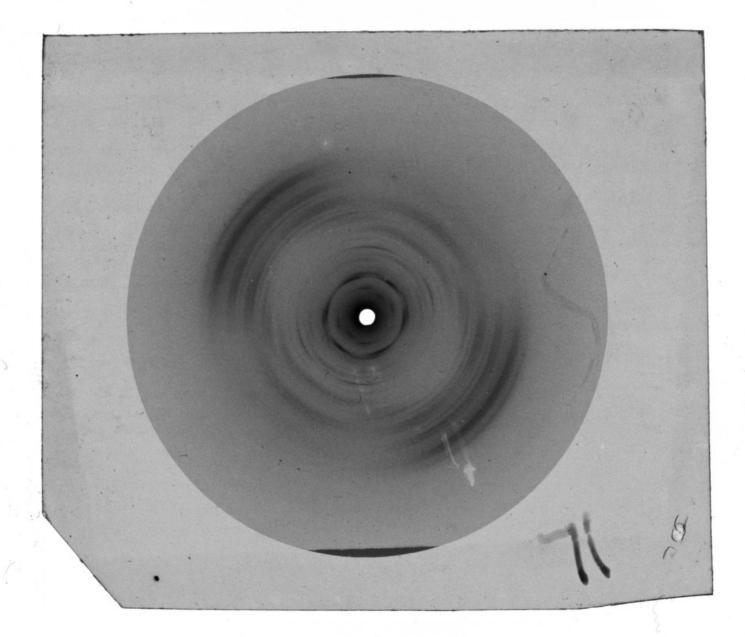
Powder [Diffraction] pictures at B-Coli at 75% and 98% H. [relative humidity] Simmon's 1st lat.



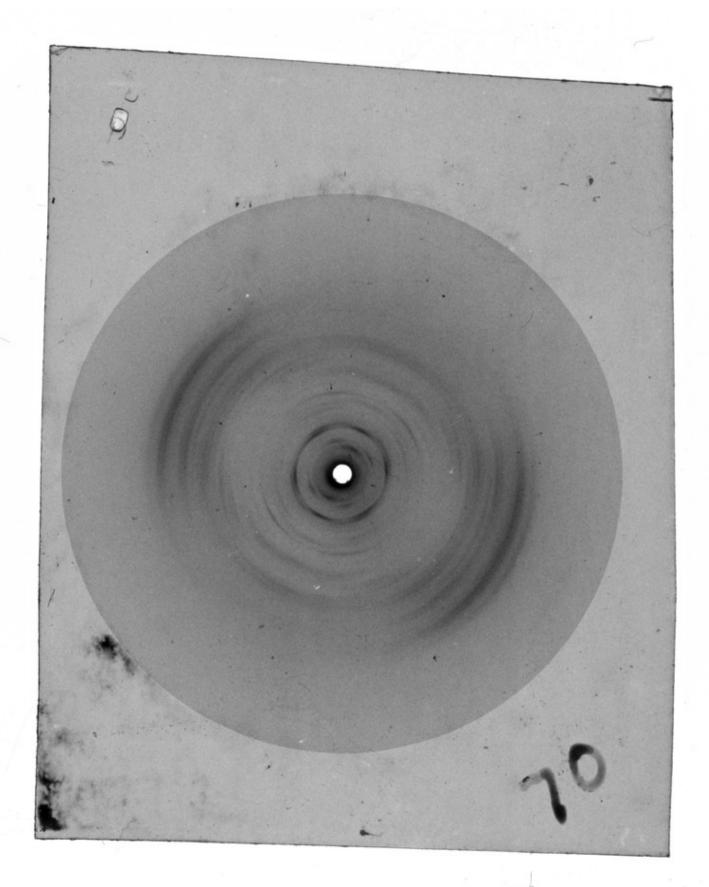
Powder [Diffraction] pictures at B-Coli at 75% and 98% H. [relative humidity] Simmon's 1st lat.



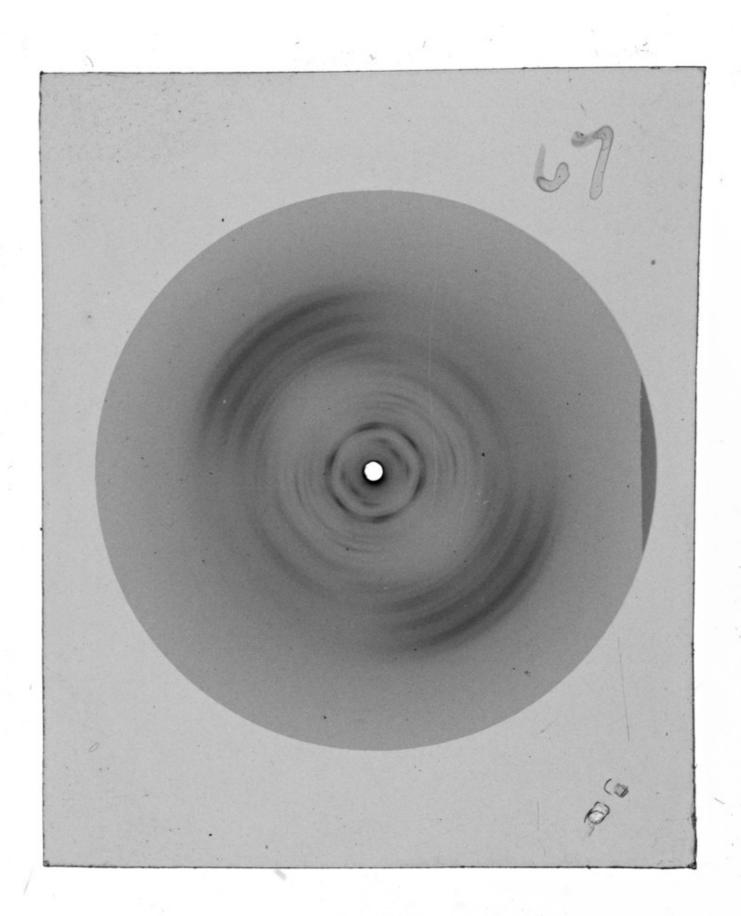
No. 69 [Norman] Simmon's B-Coli Helium and NaCl 03



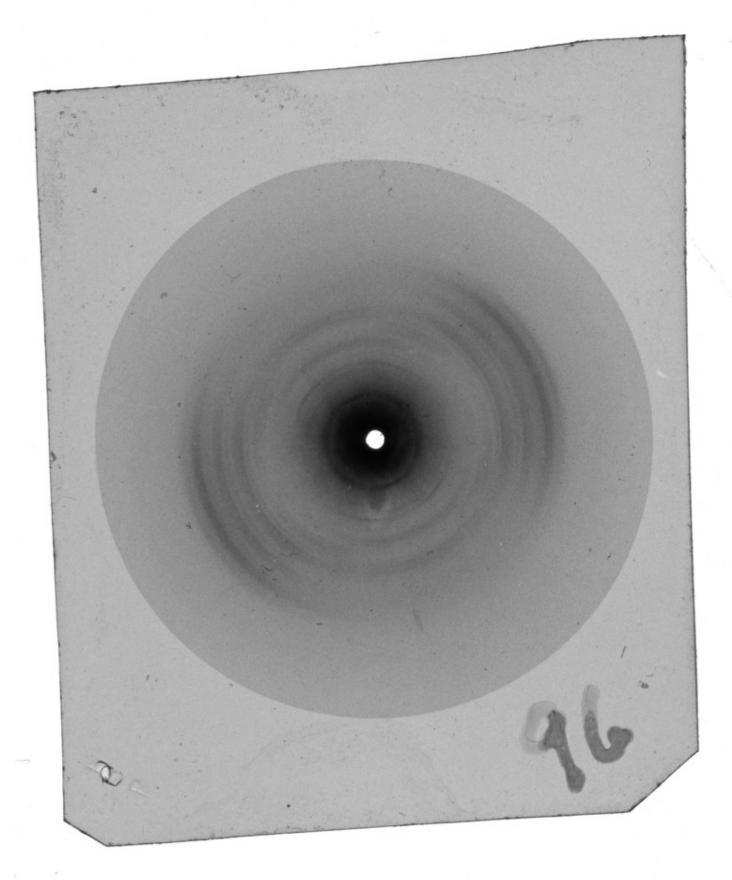
Nos. 70 & 71 Sol[ution] of NaClO3 under same condition of temp Sol[ution] of KBr

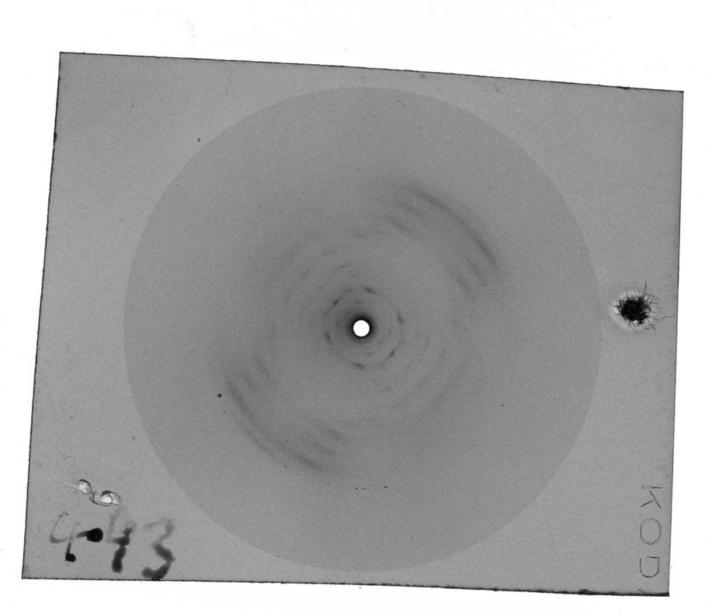


Nos. 70 & 71 Sol[ution] of NaClO3 under same condition of temp Sol[ution] of KBr

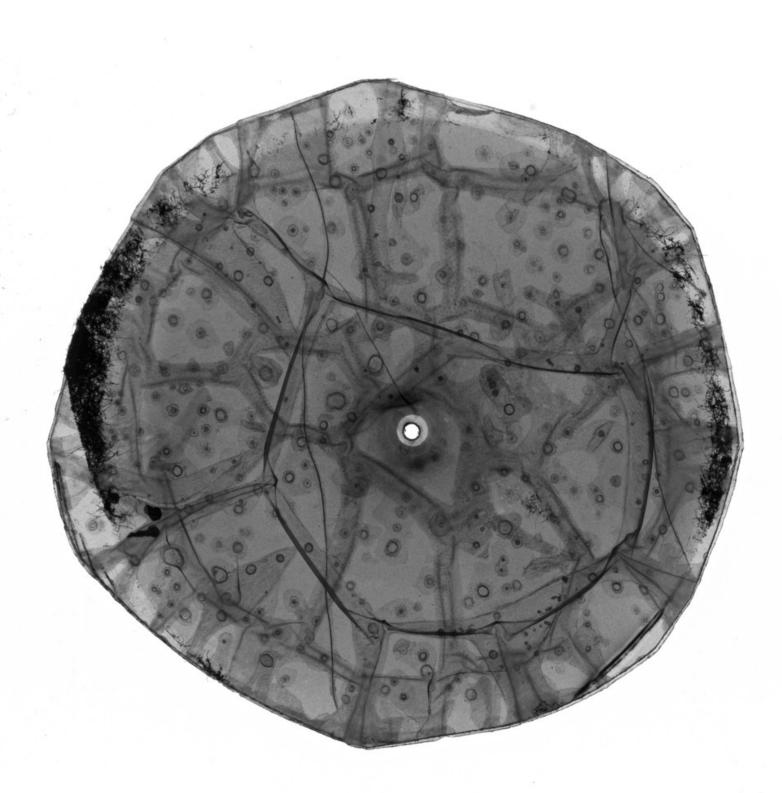


No. 67 [Norman] Simmon's B-Coli 2nd lat. No Ni.

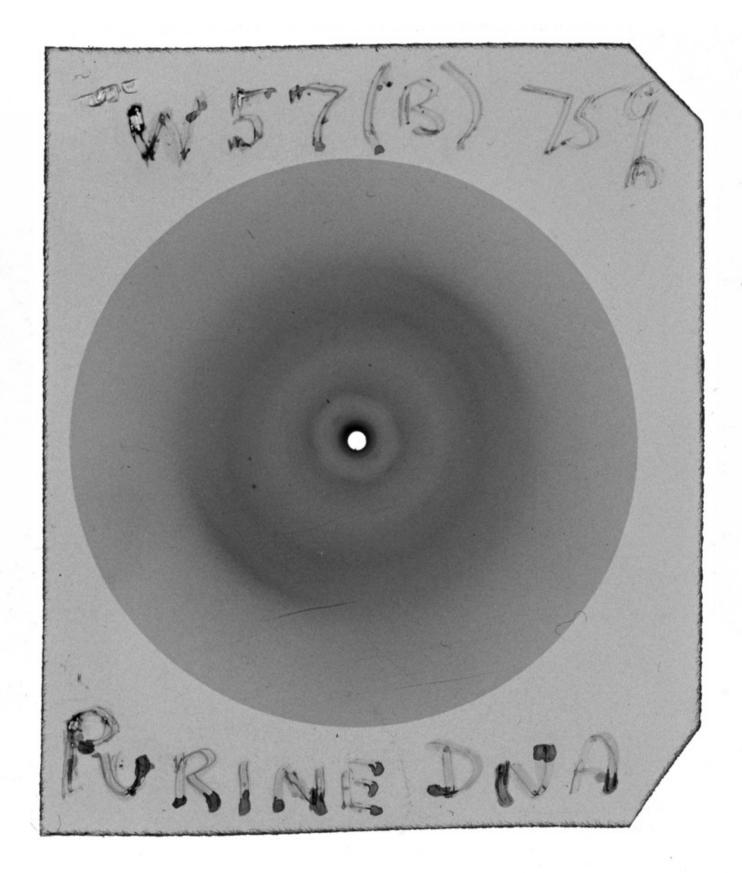




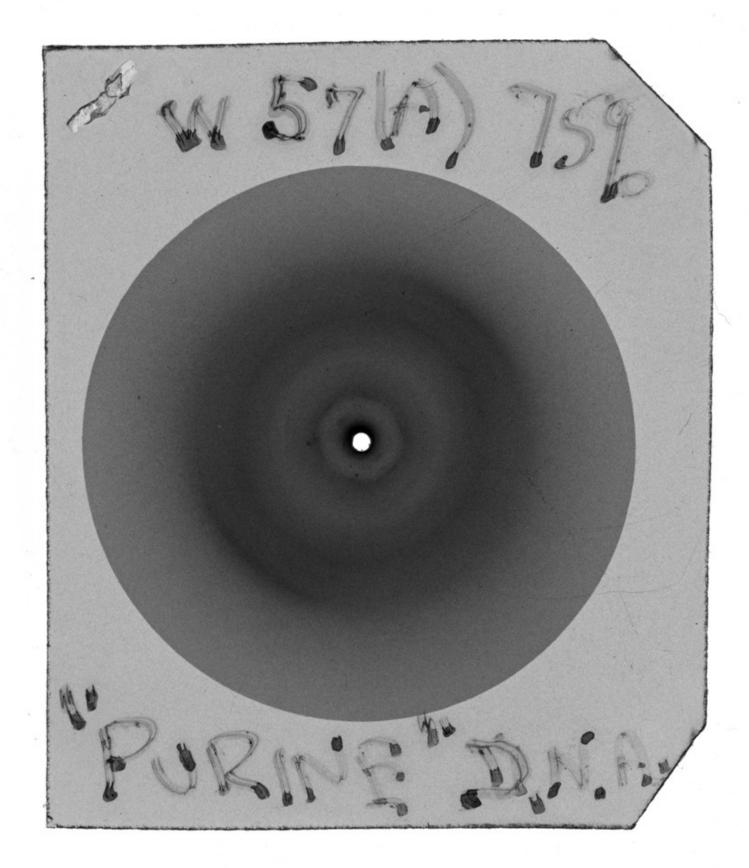
[Area] treated DNA 493



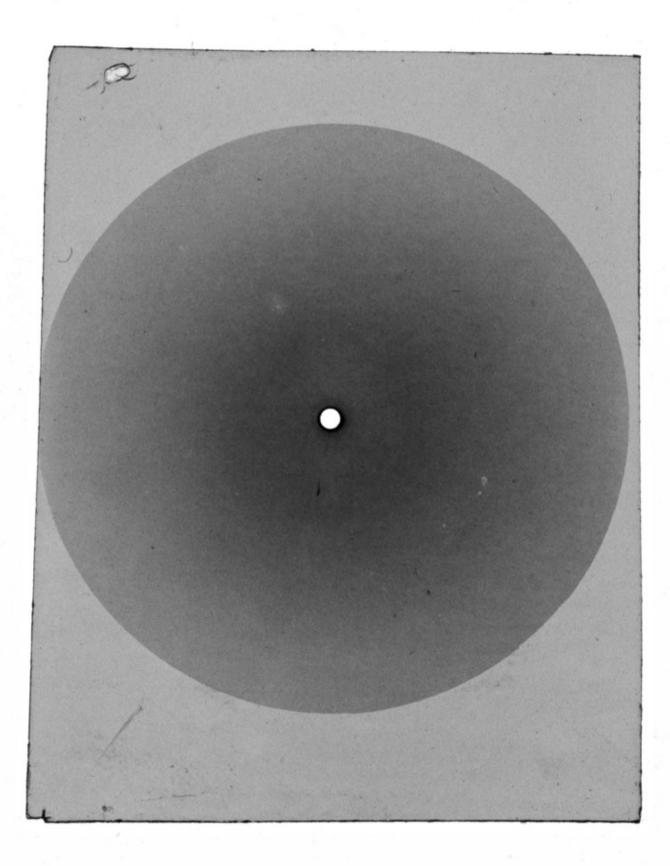
Paracentrotus No Ni 98% H [relative humidity]



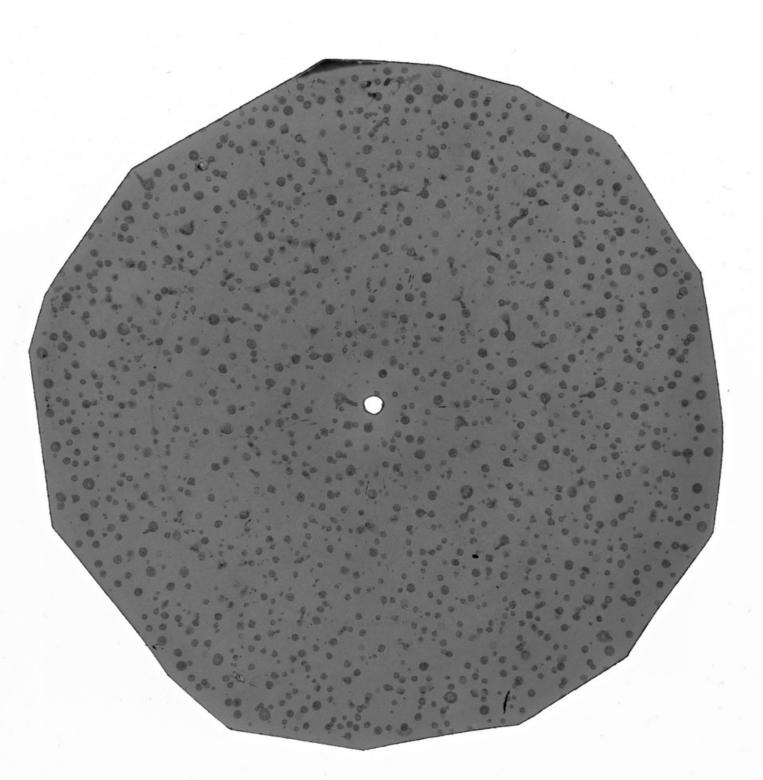
W57 75% "Purine" DNA (From GLB [Geoffrey Leonard Brown]) Bacterial Origin (E.Coli) - 6 amino Purine- in place of Pyrimidines



W57 75% "Purine" DNA (From GLB [Geoffrey Leonard Brown]) Bacterial Origin (E.Coli) - 6 amino Purine- in place of Pyrimidines



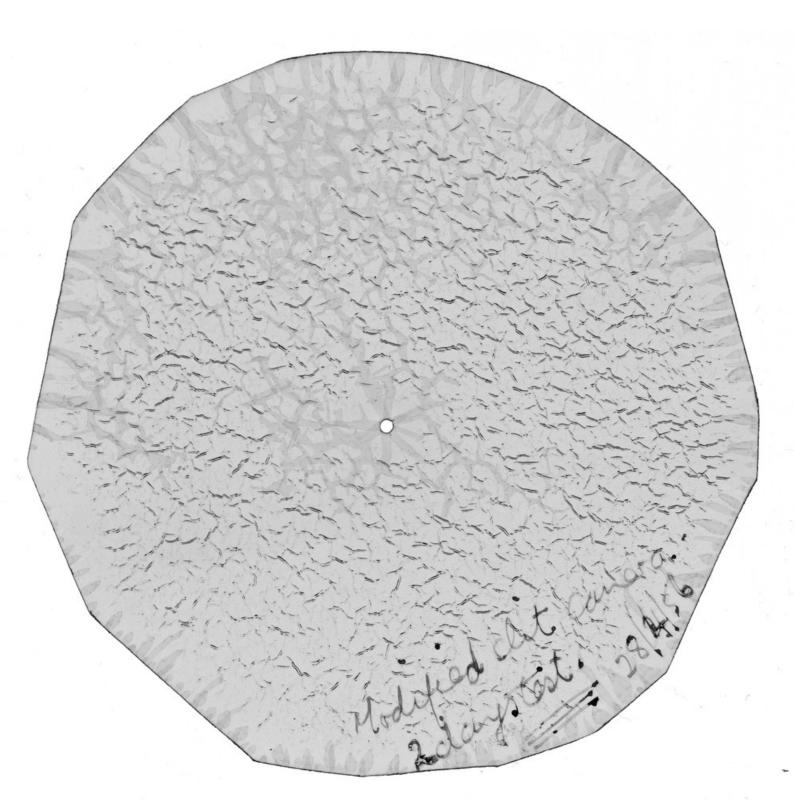
B Coli- C5 sulphate



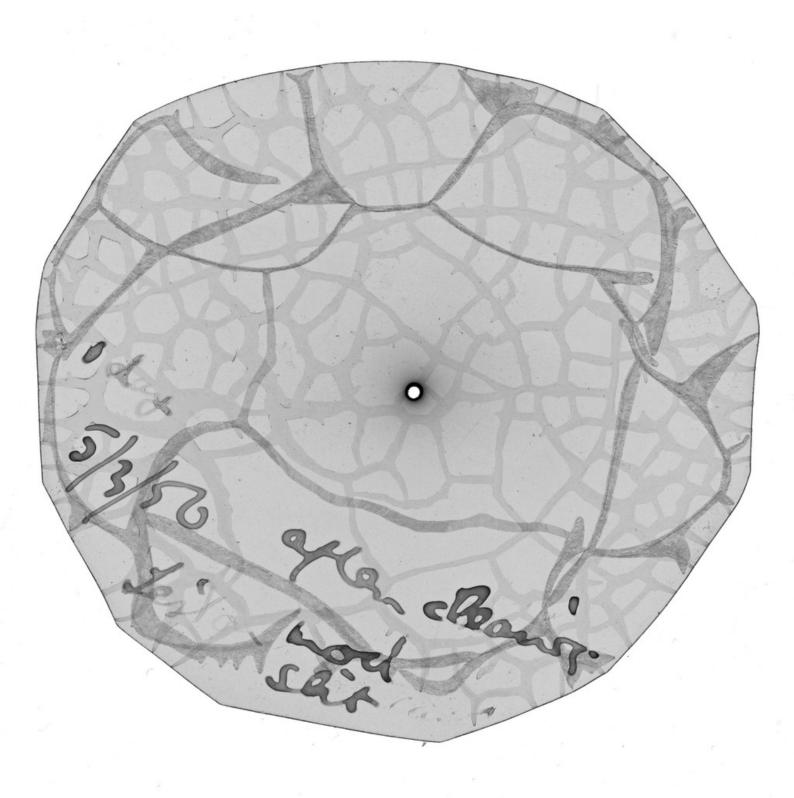
265 Calcite [at 65]

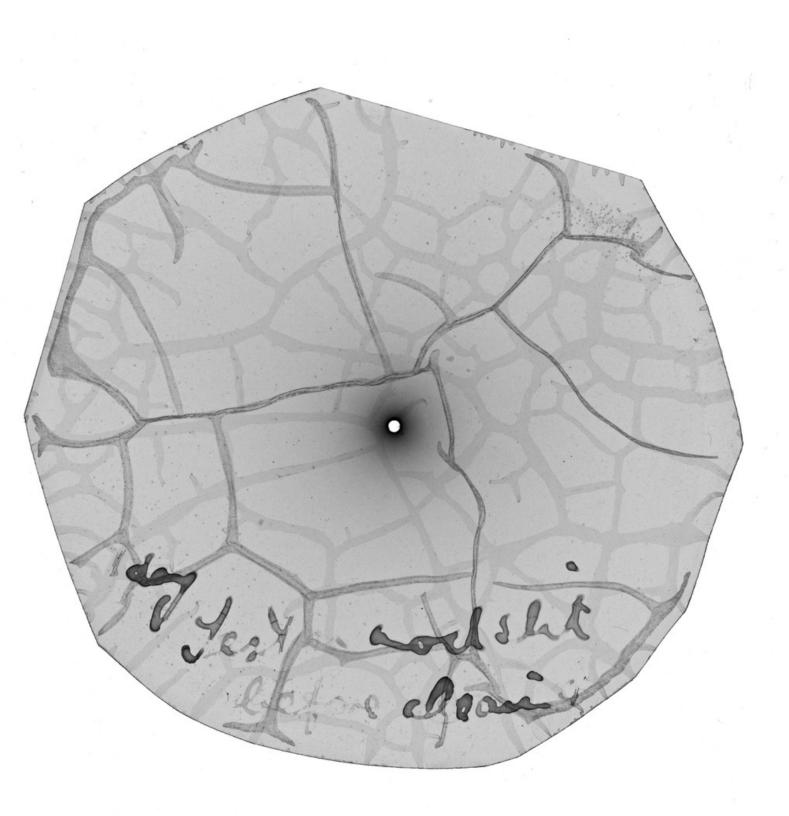


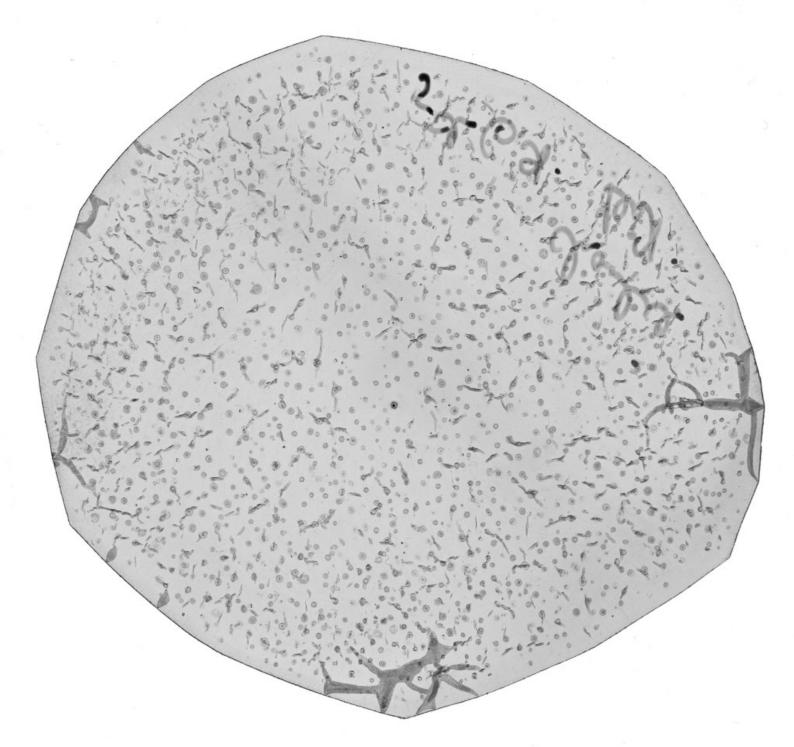
265 Calcite [at 65]



Modified slit camera test (2 days) April 28th 1956

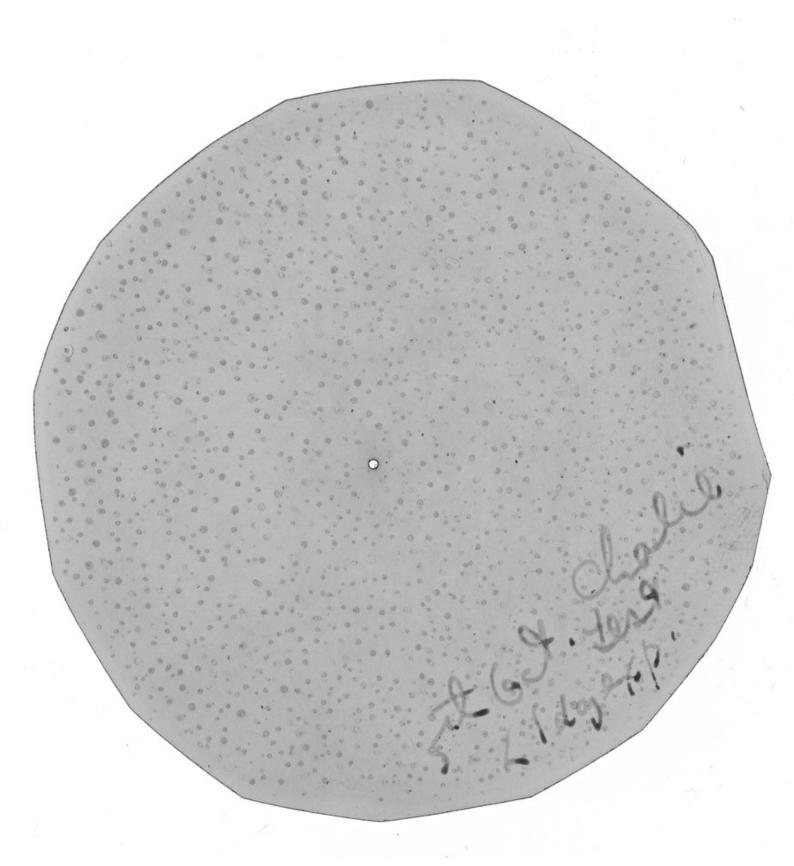


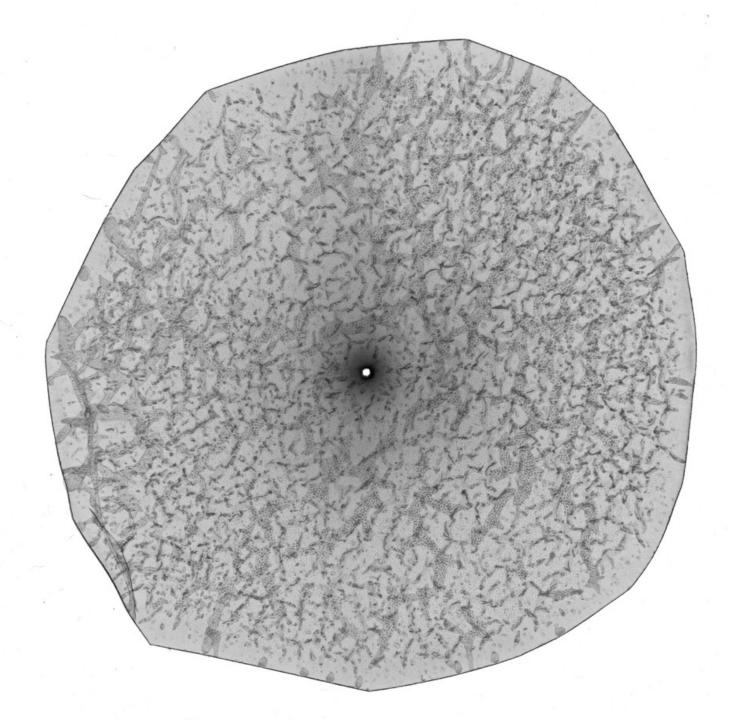




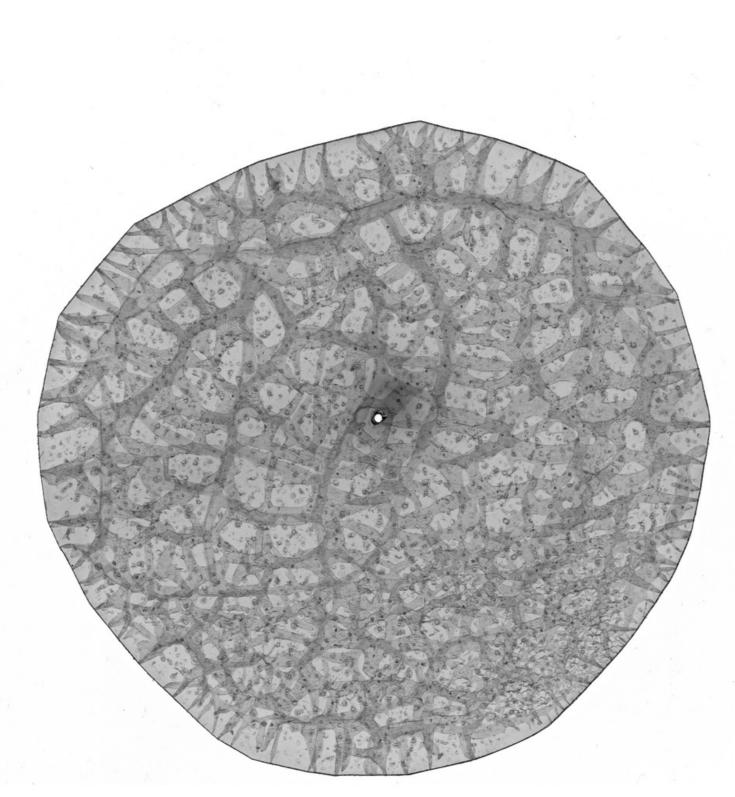
[Camera?] Test 6 [April] 55

[Camera?] Test 6 [April] 55

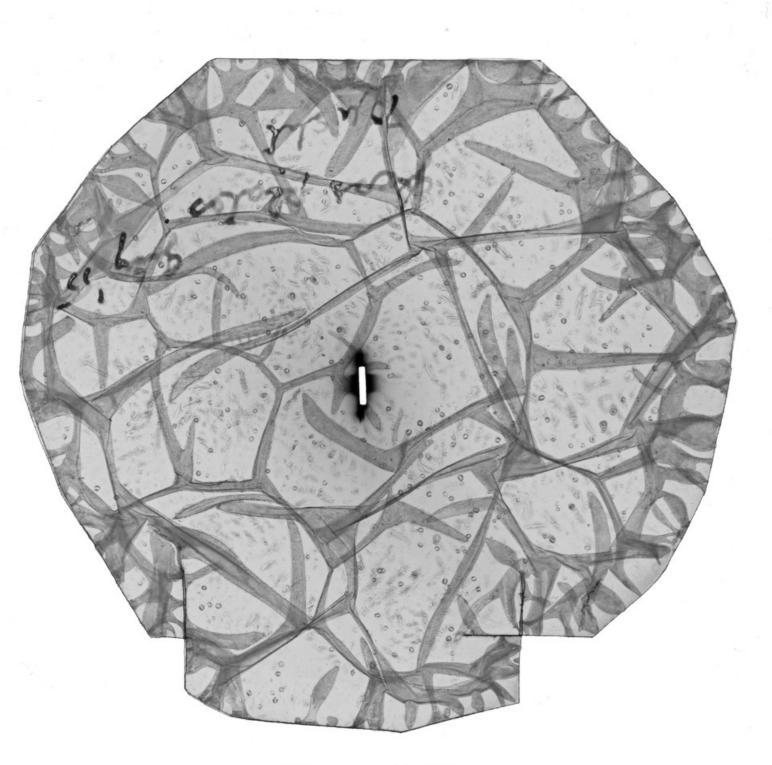




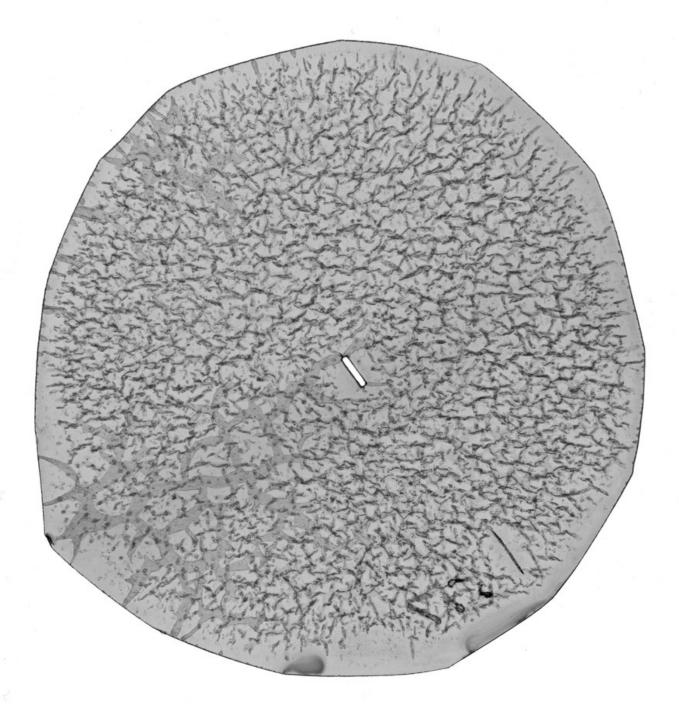
Sept 21 [ss d] tests for next camera



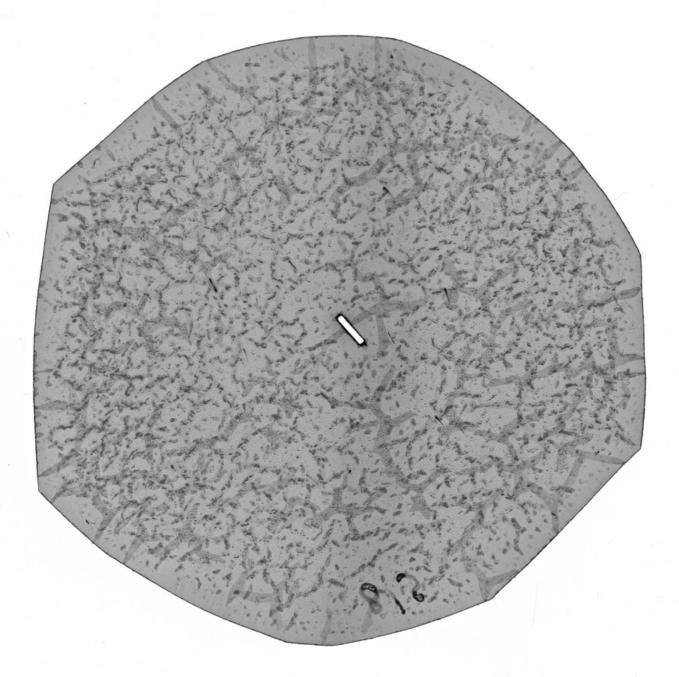
Sept 21 [ss d] tests for next camera



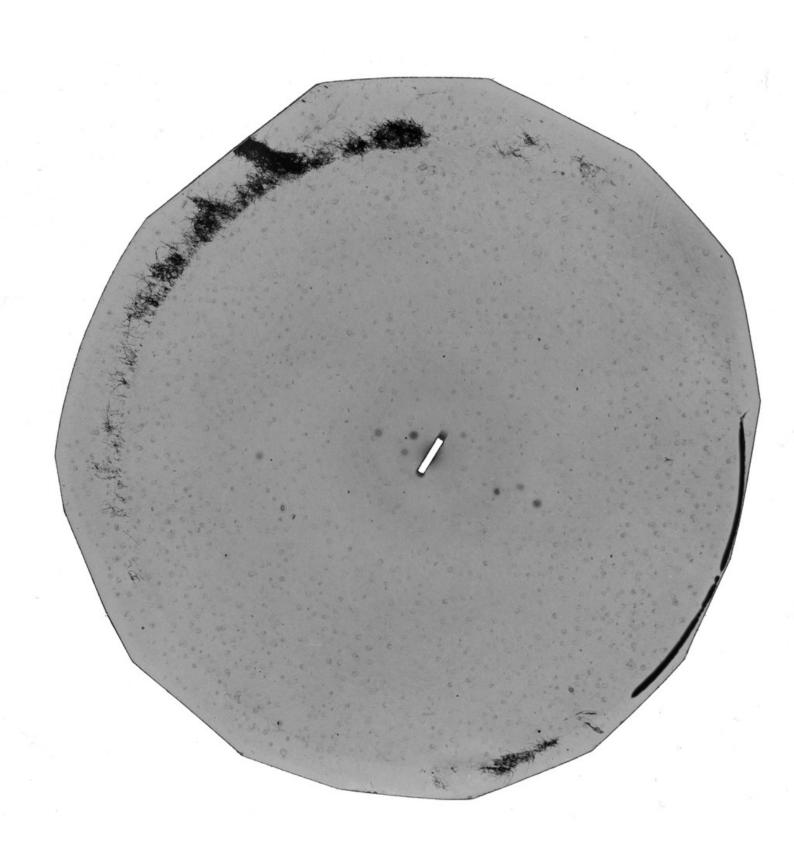
Slit camera July '55

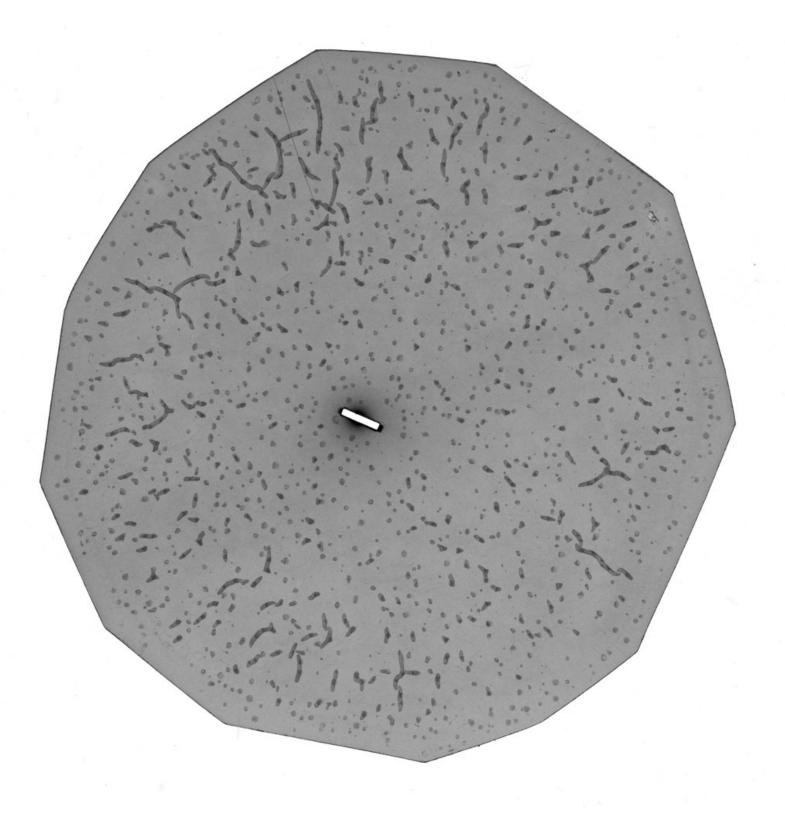


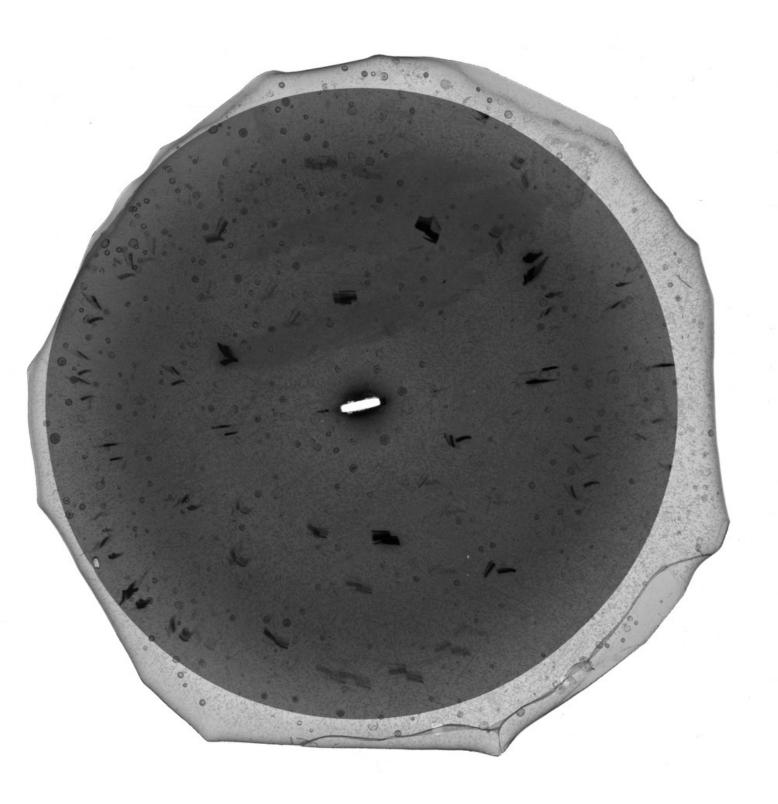
517 518 Slit camera 7th Oct '55

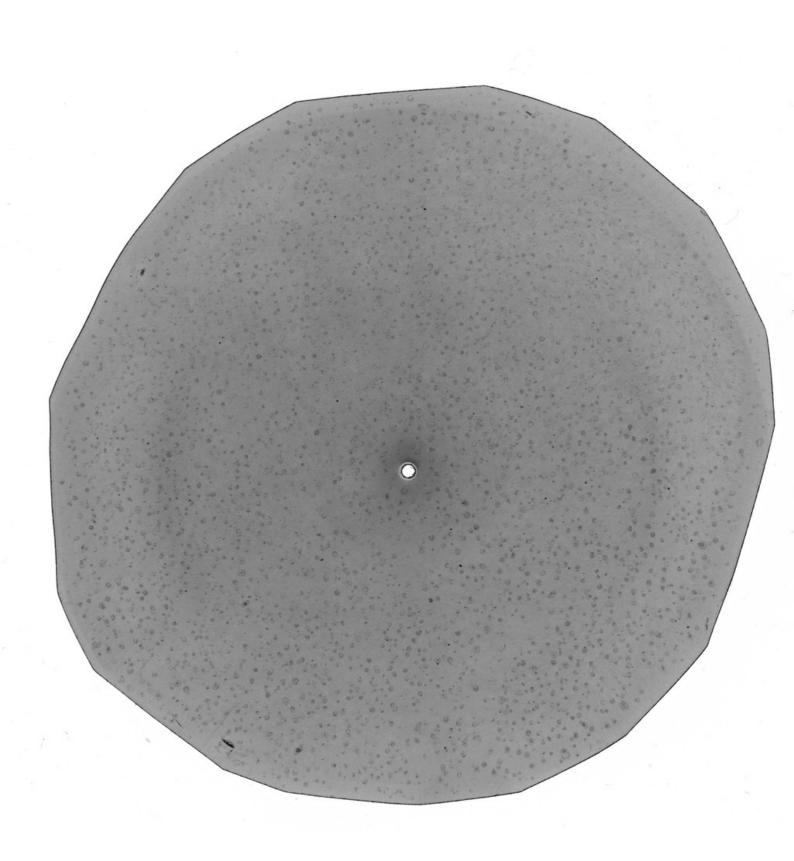


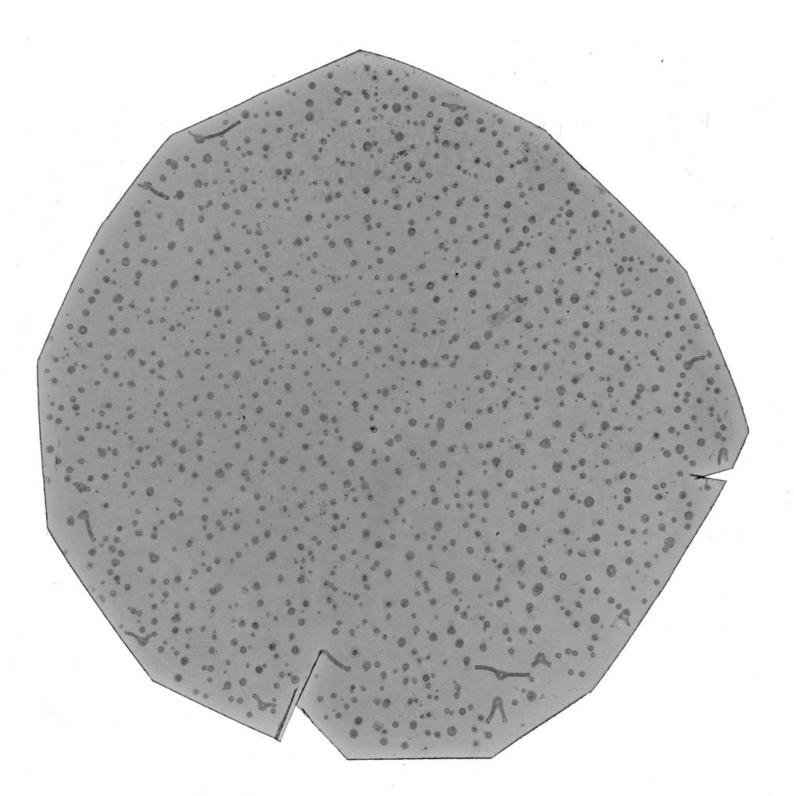
517 518 Slit camera 7th Oct '55



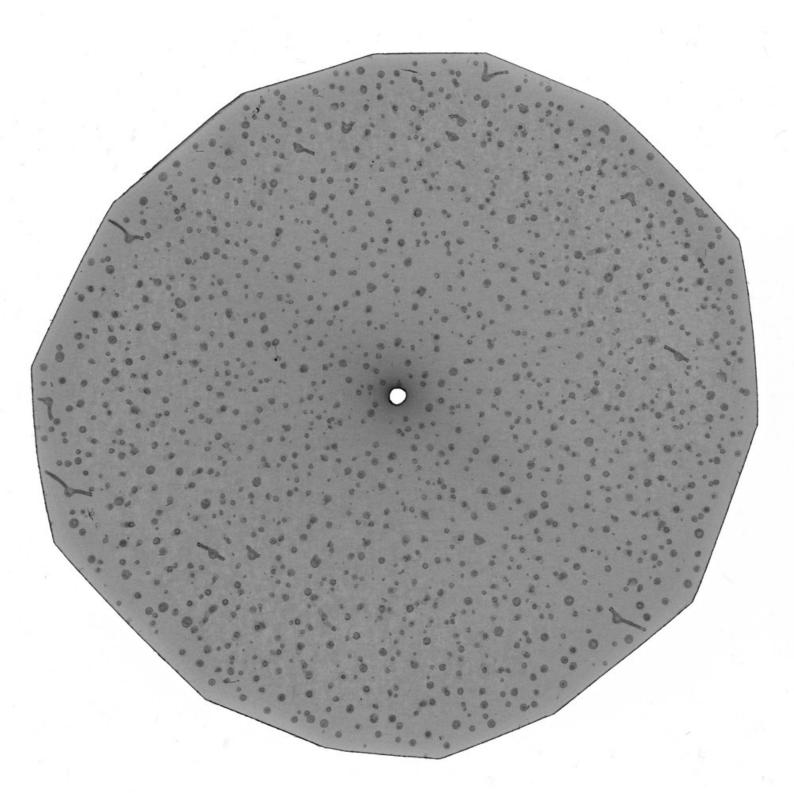




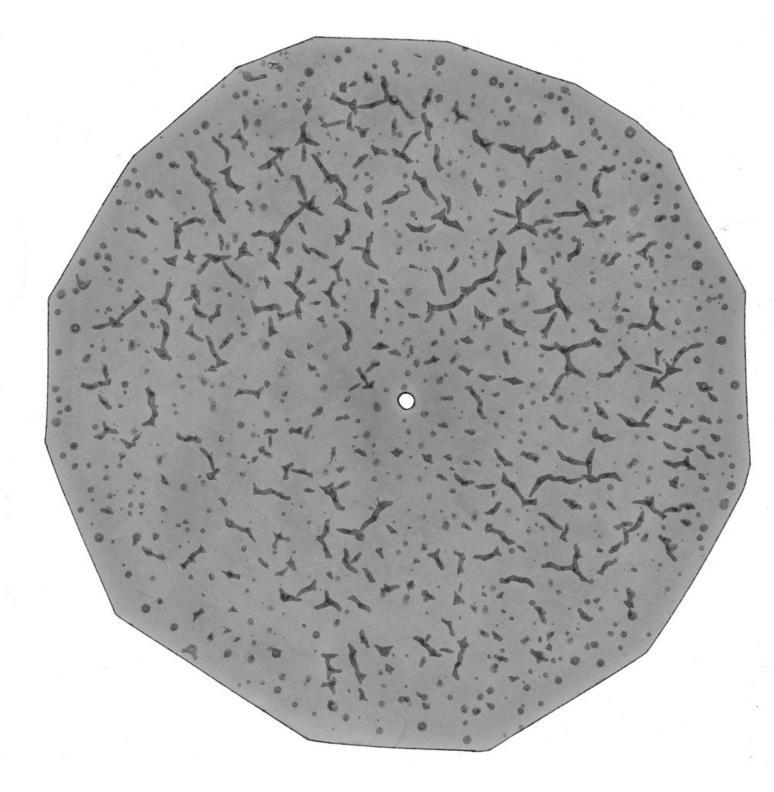


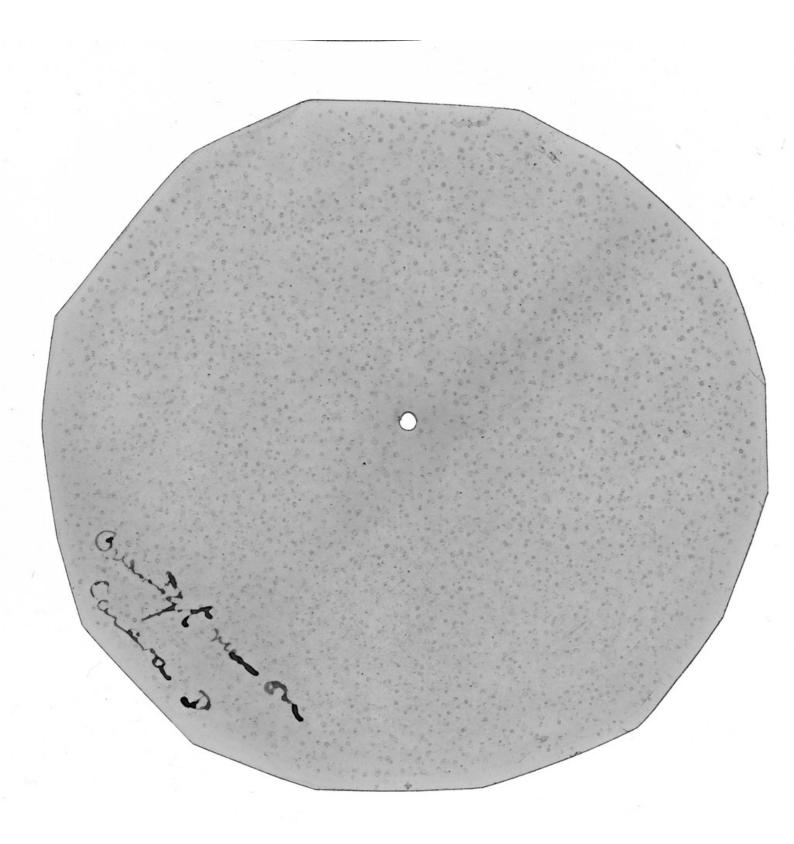


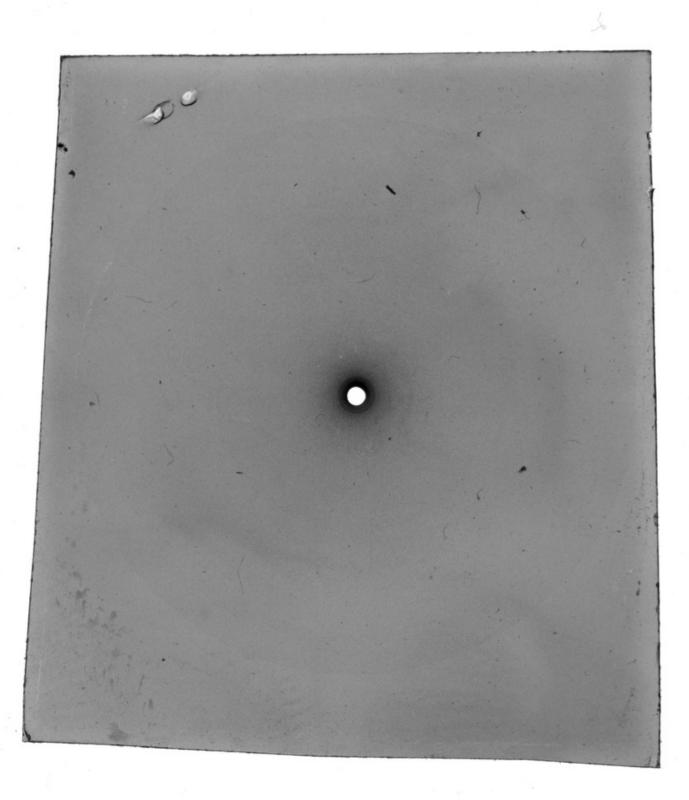
Vert[ical] camera test films (with slits) May 1954



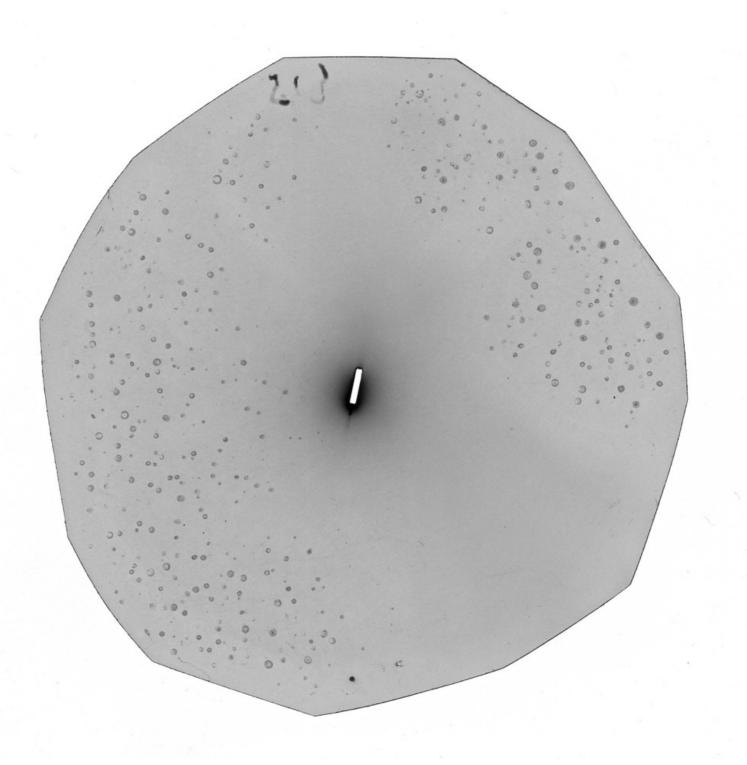
Vert[ical] camera test films (with slits) May 1954



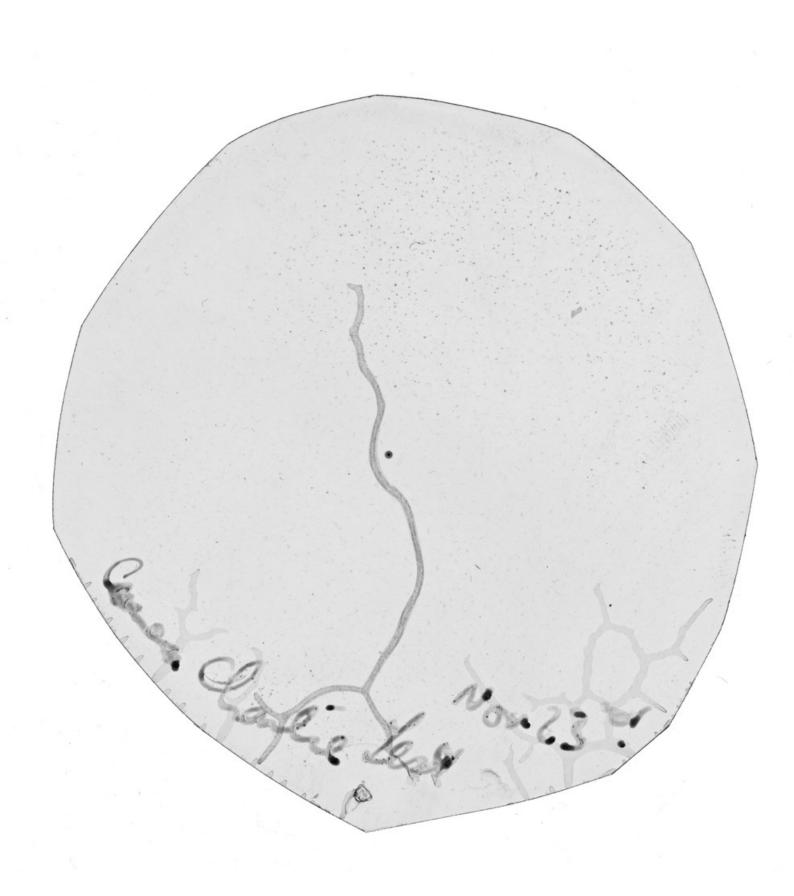


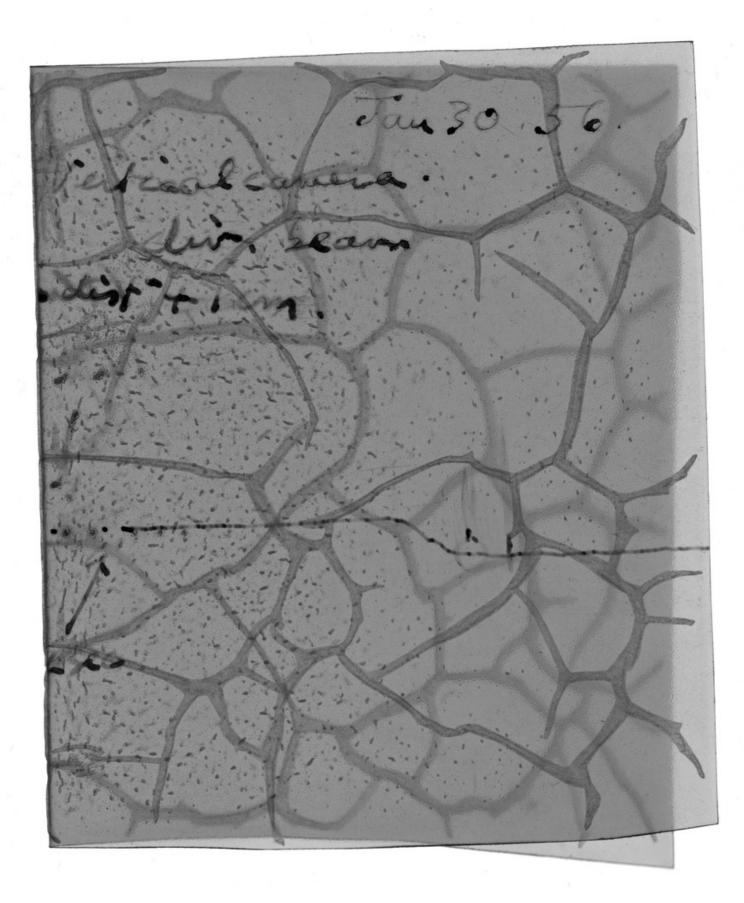


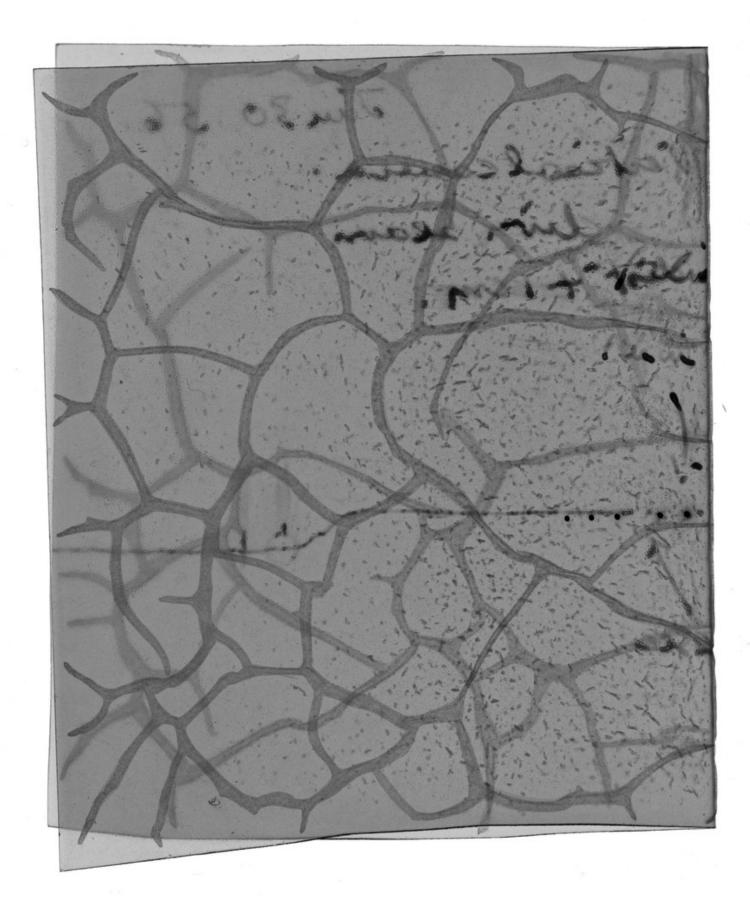
test film

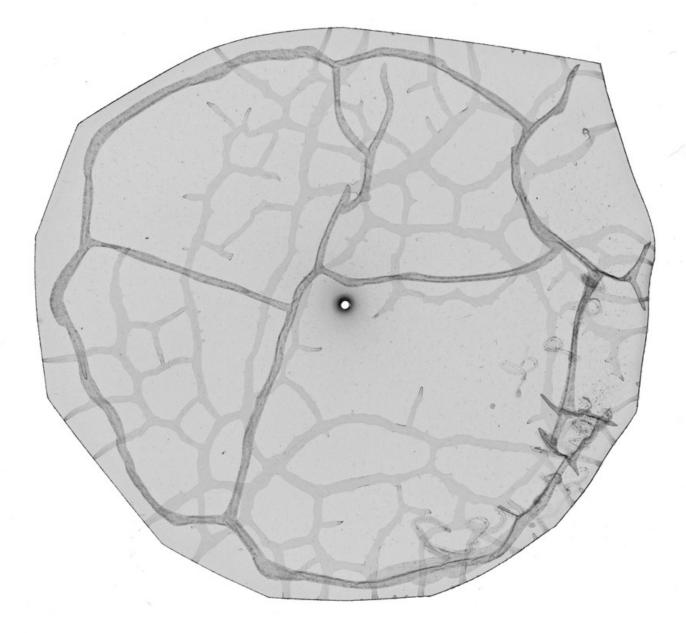


513 test slit camera

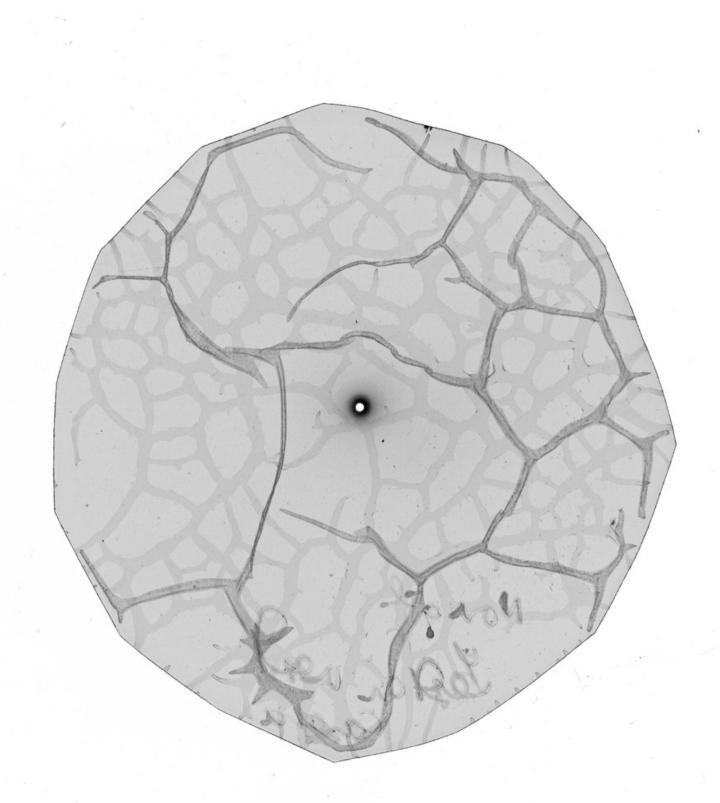




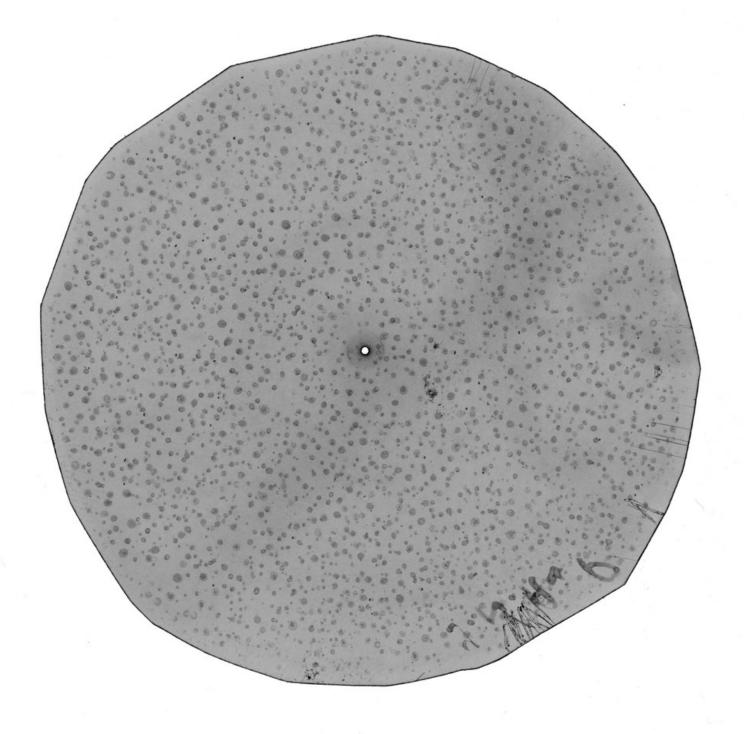


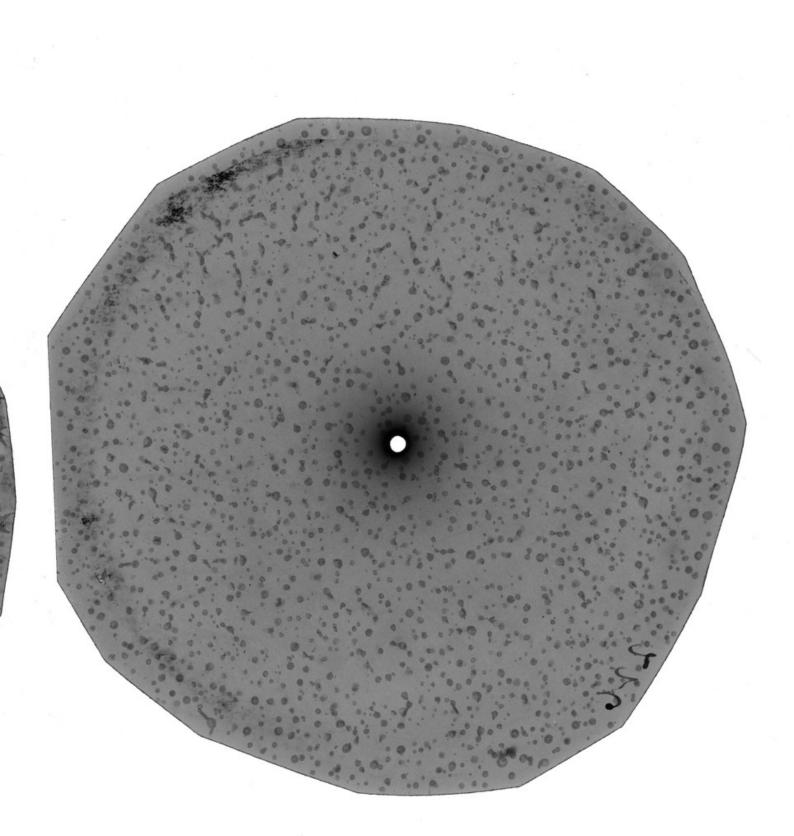


test non 9th vert[ical] [camera]

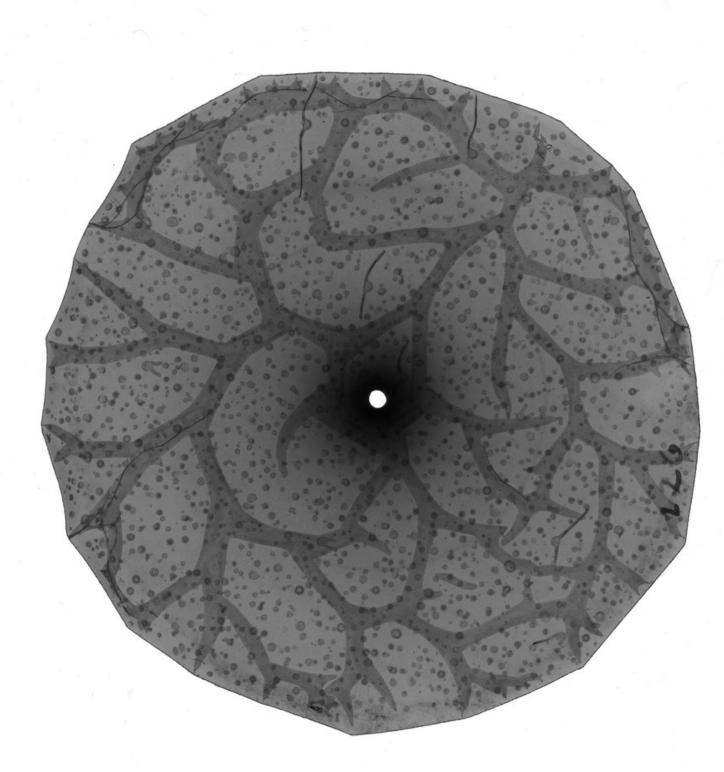


test non 9th vert[ical] [camera]

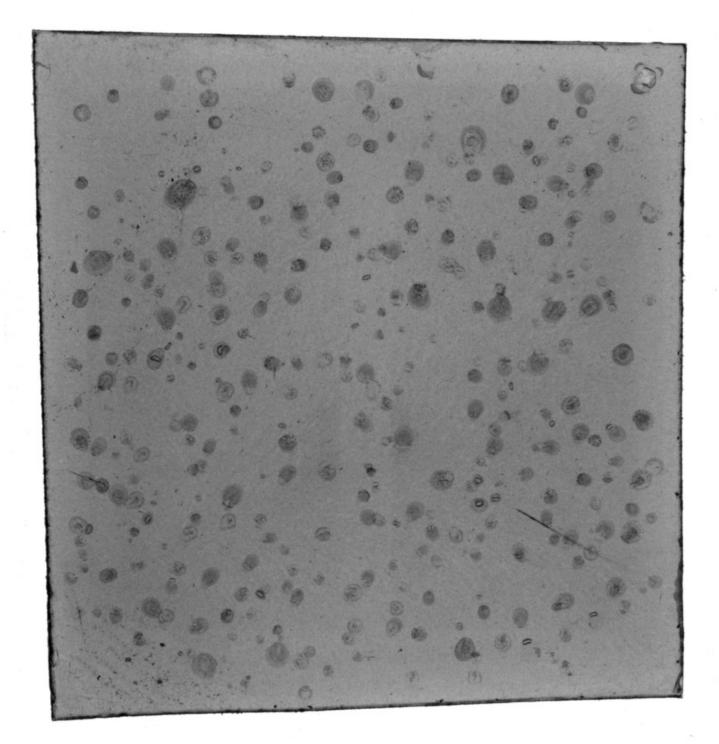


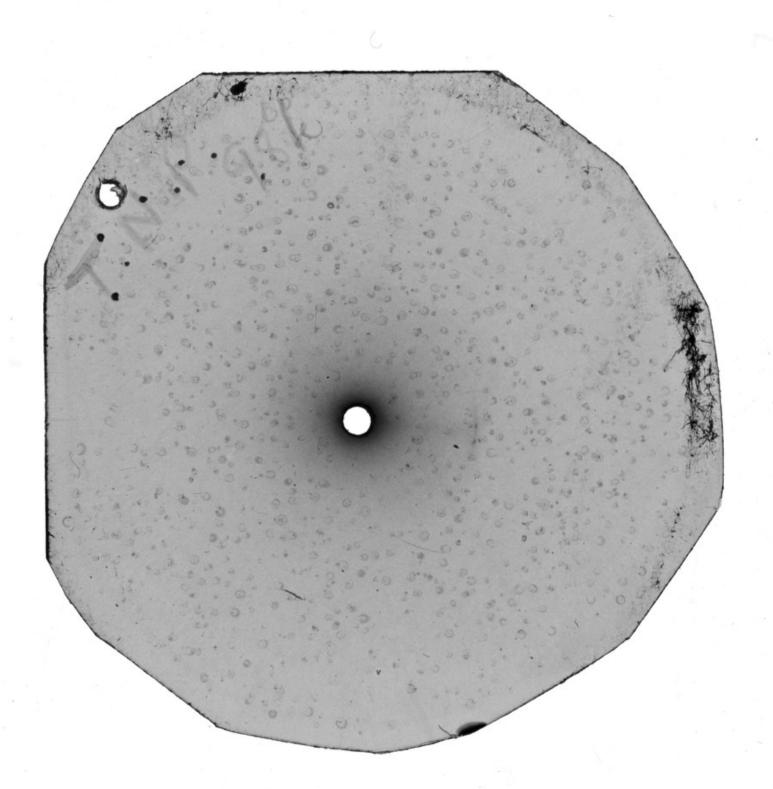


No. 226 tilted No good

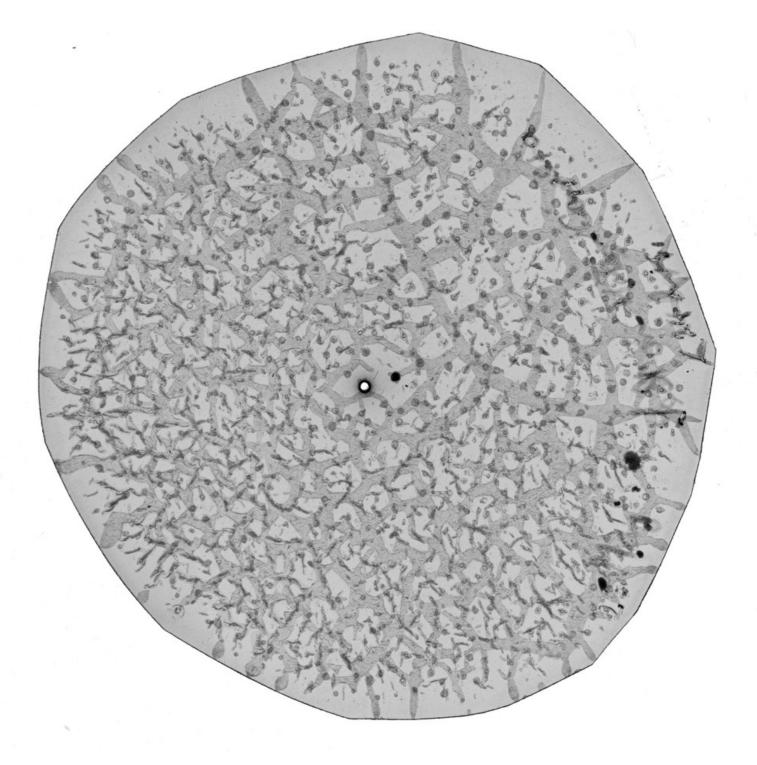


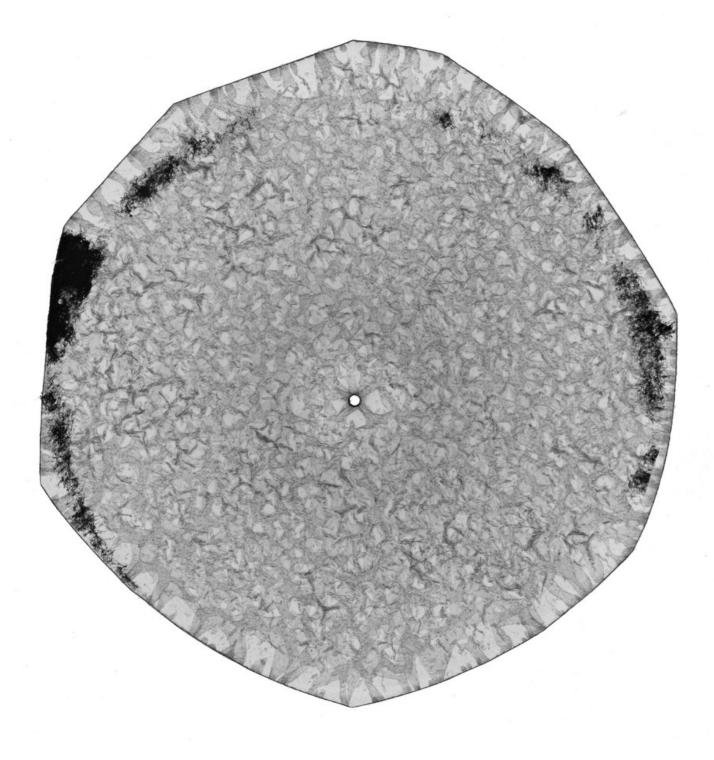
No. 226 tilted No good

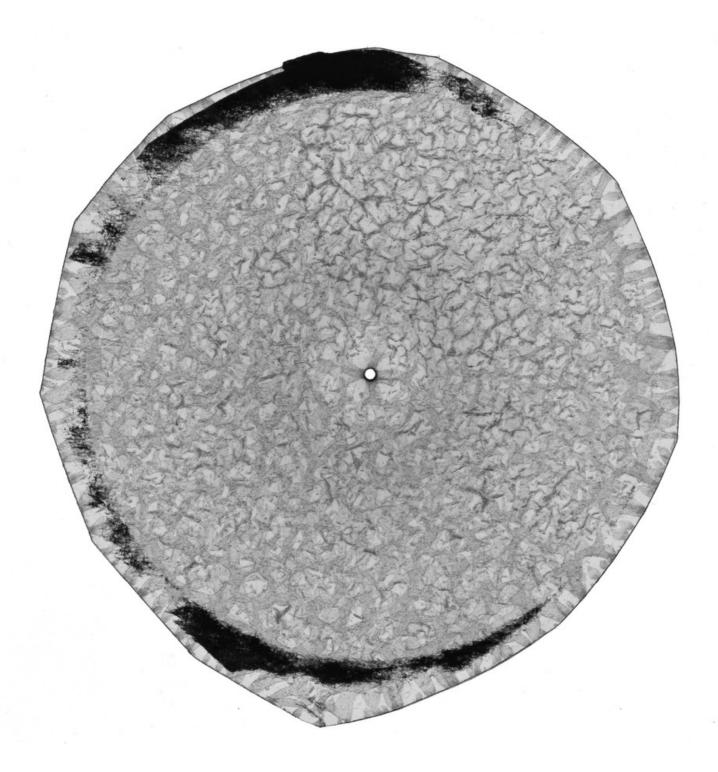


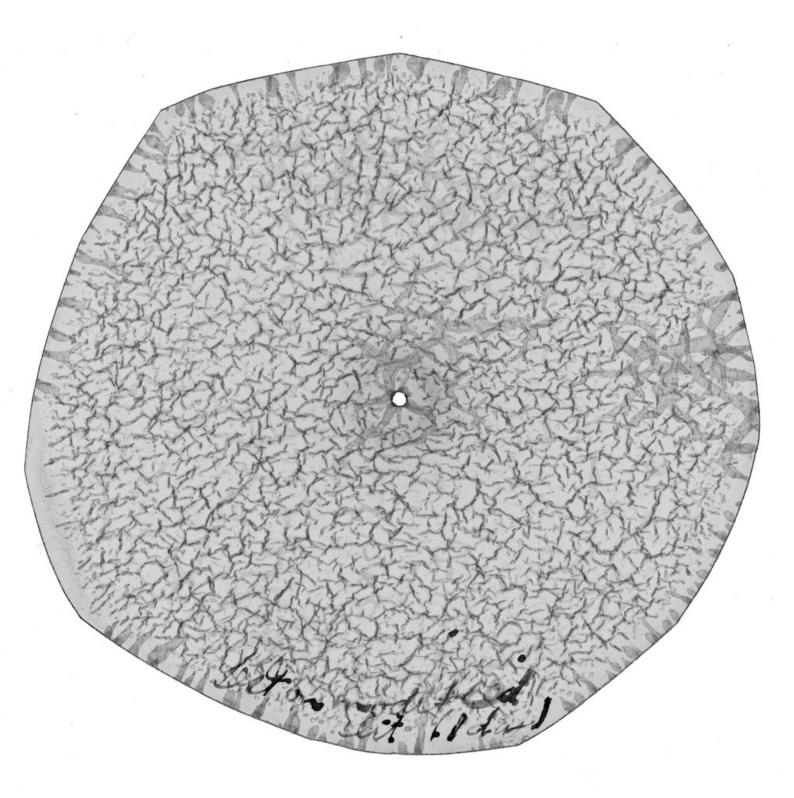


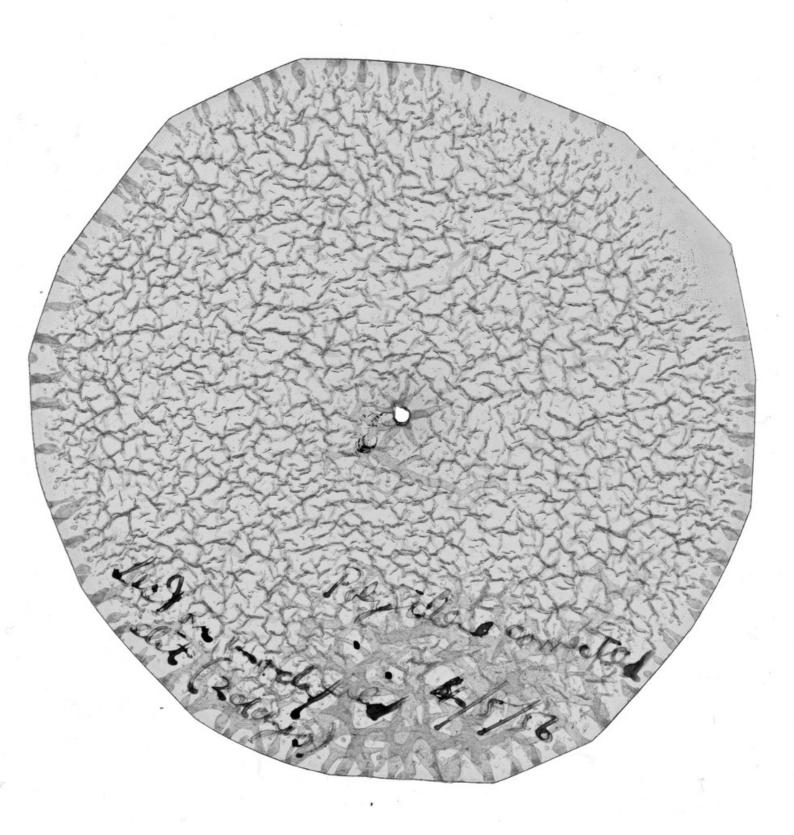
T.N.P. 98% H [relative humidity]

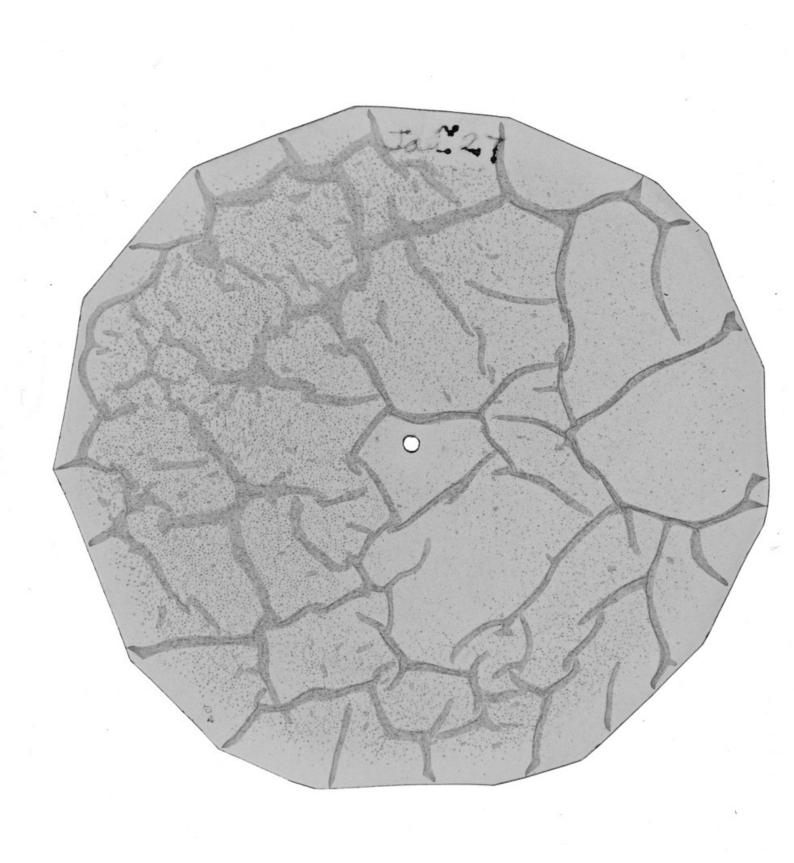


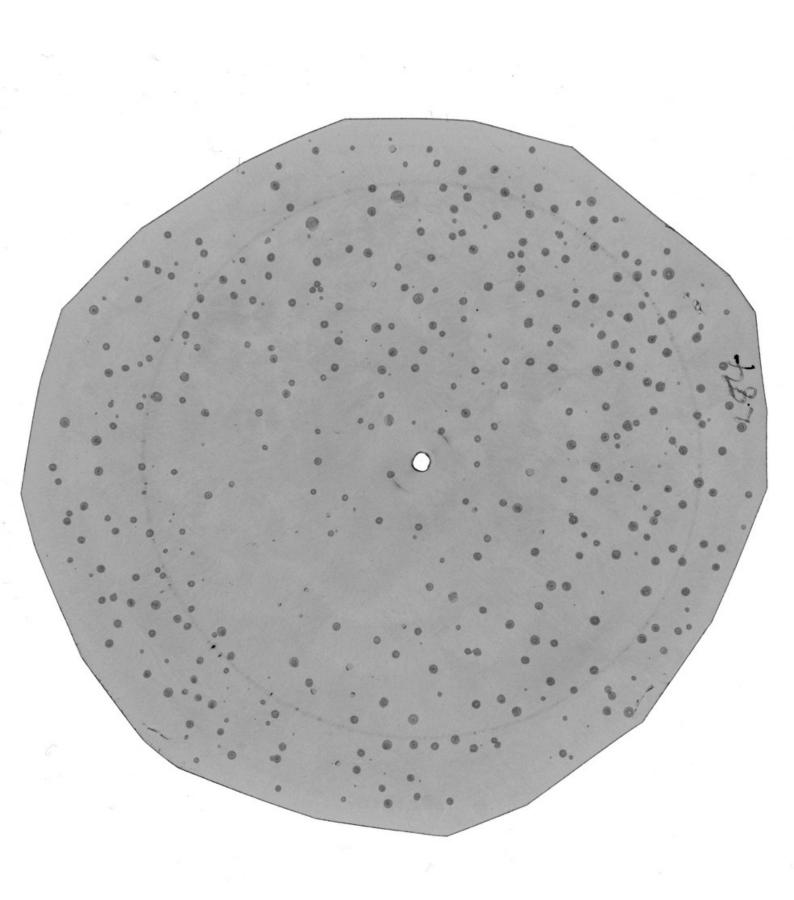


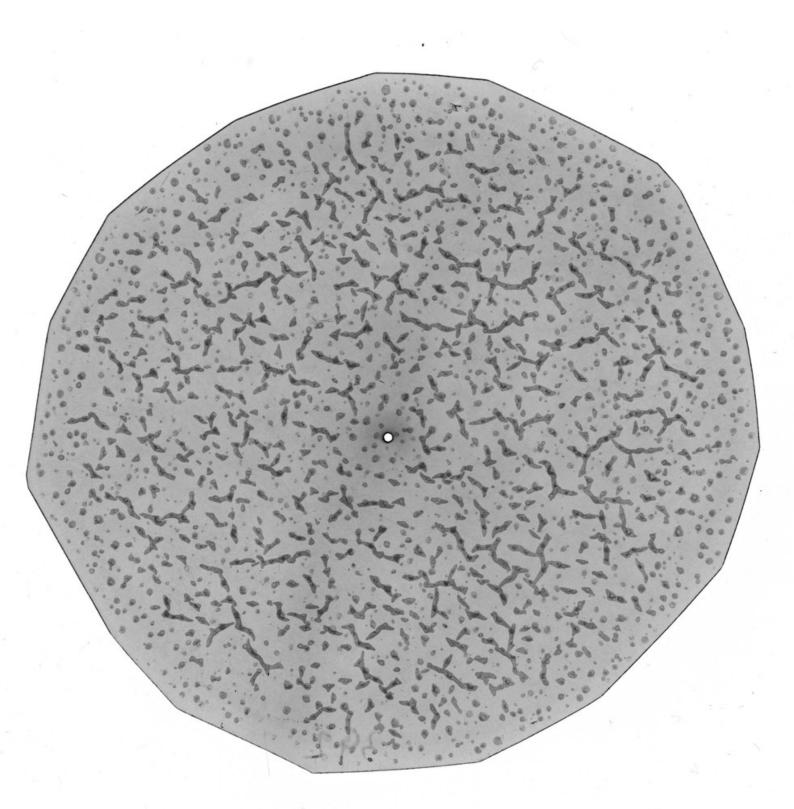




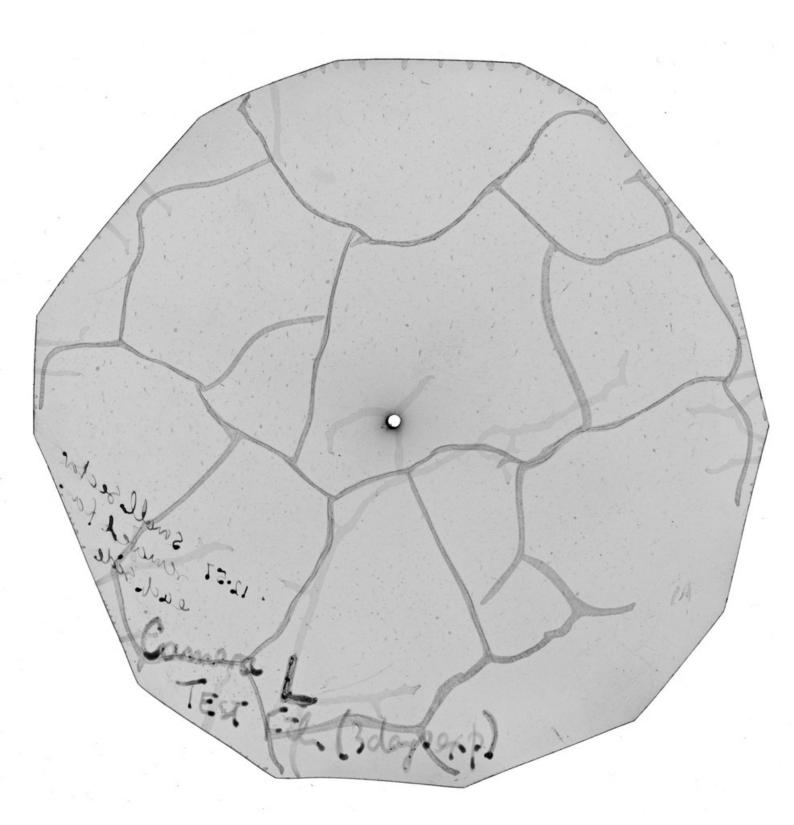




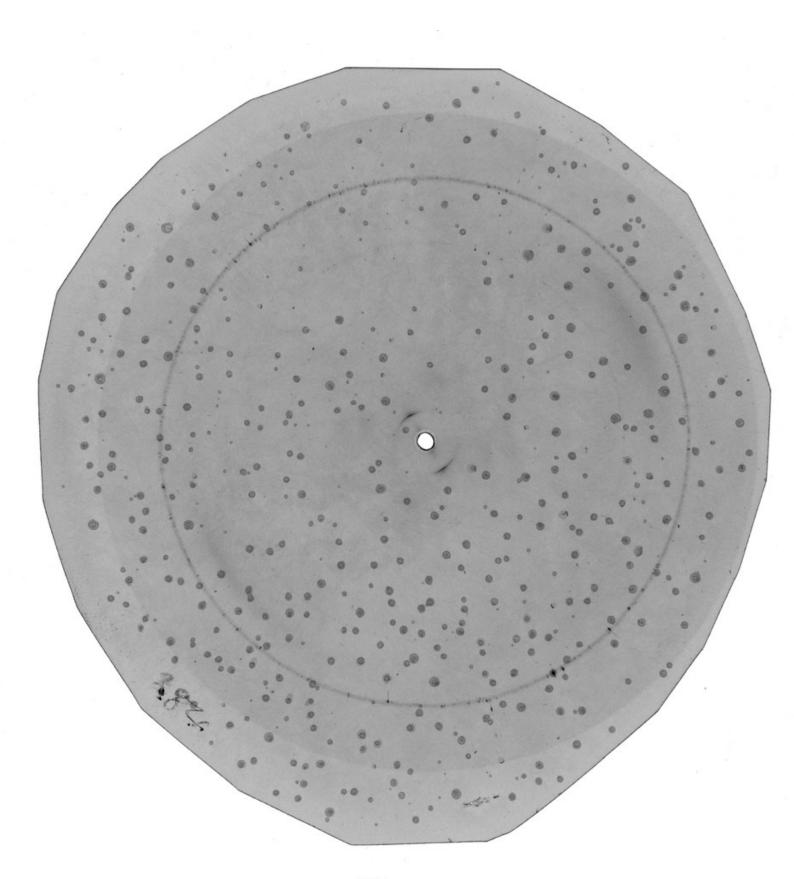


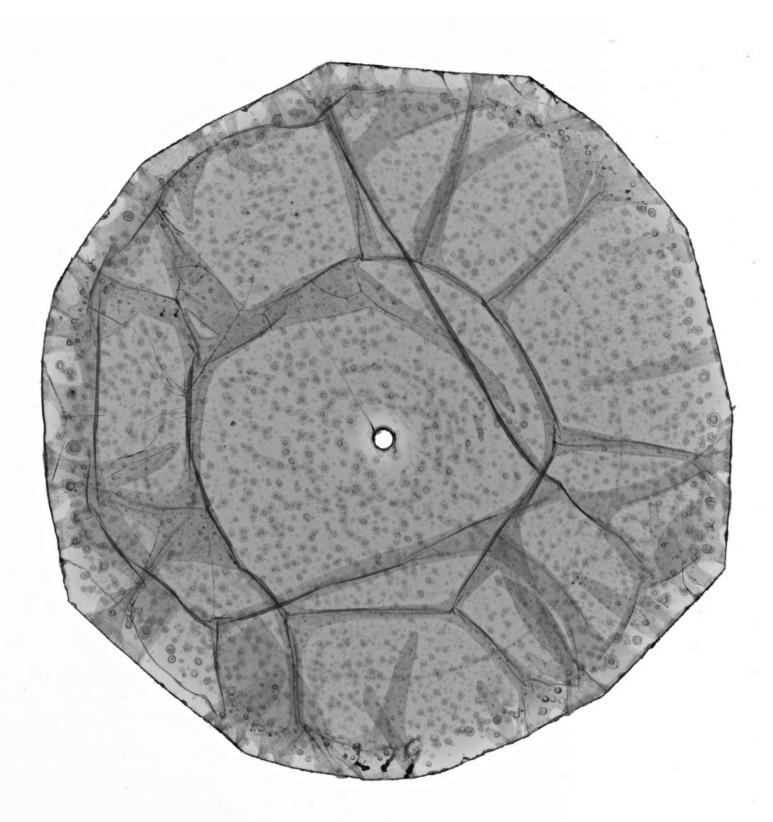


392 Test run on vert[ical] camera (No Species) 1 week exp.

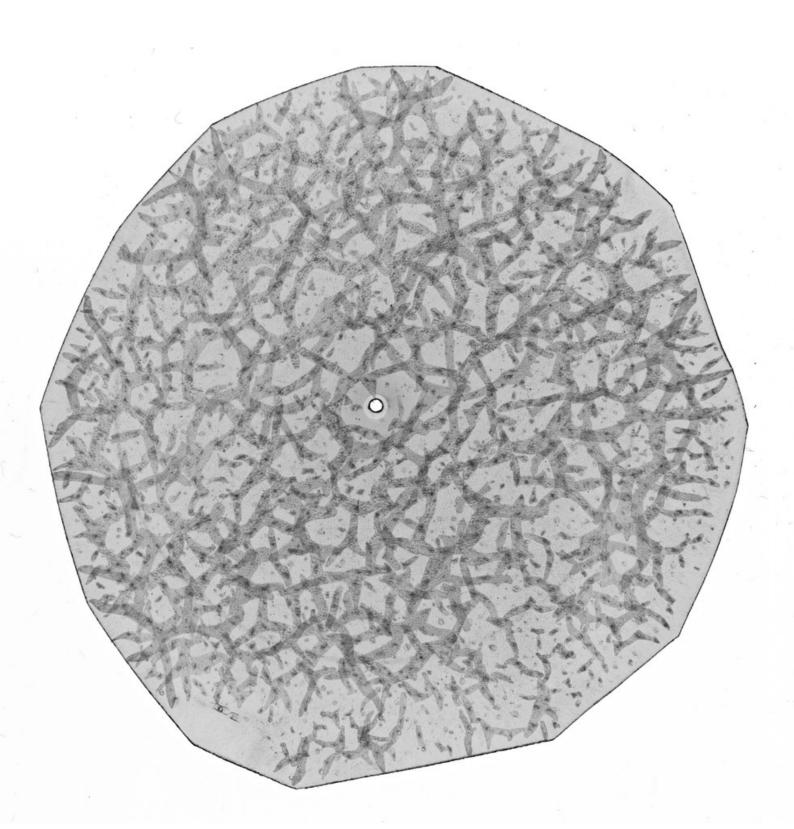


test for camera L

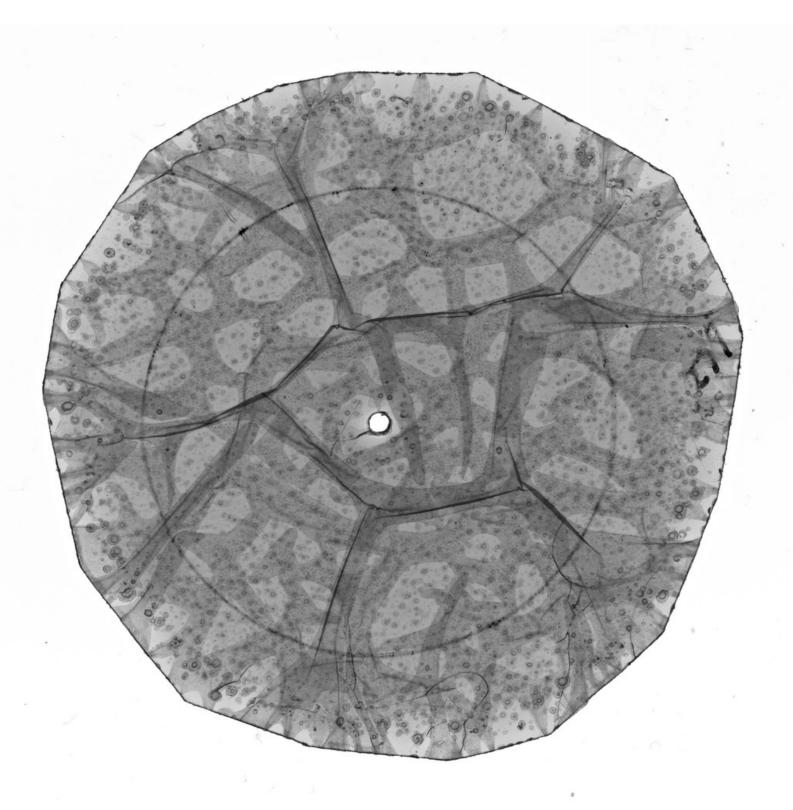


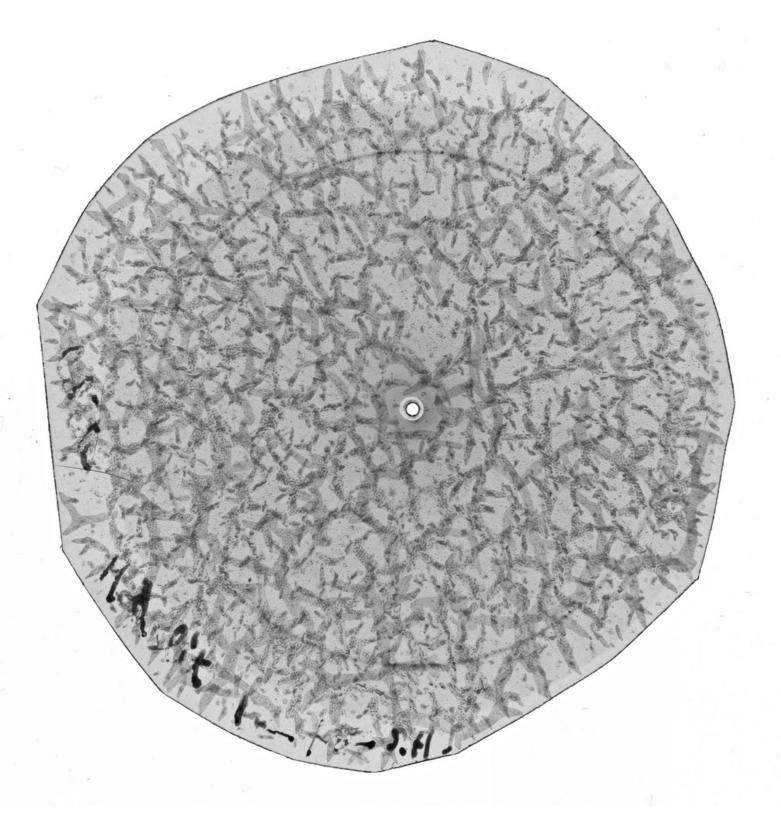


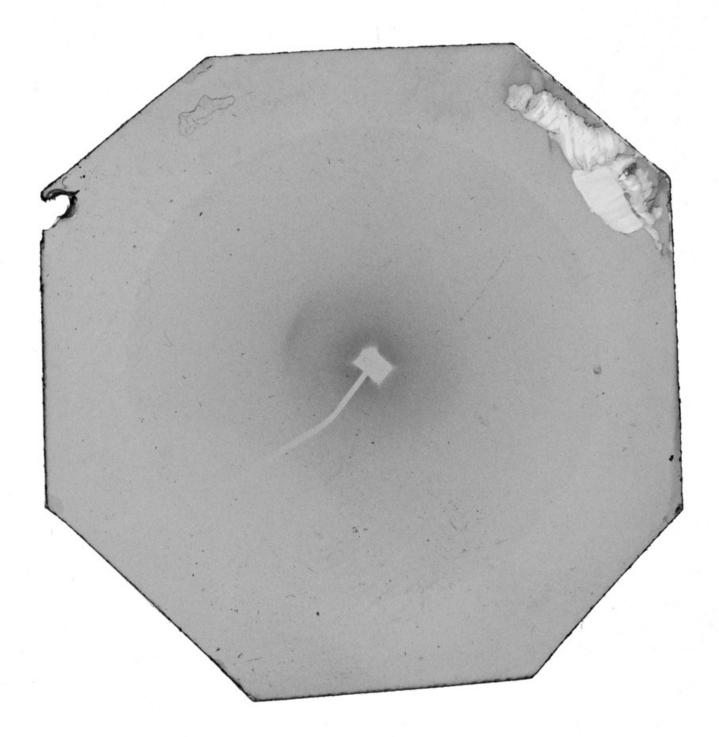
279 Calcite rings for 228



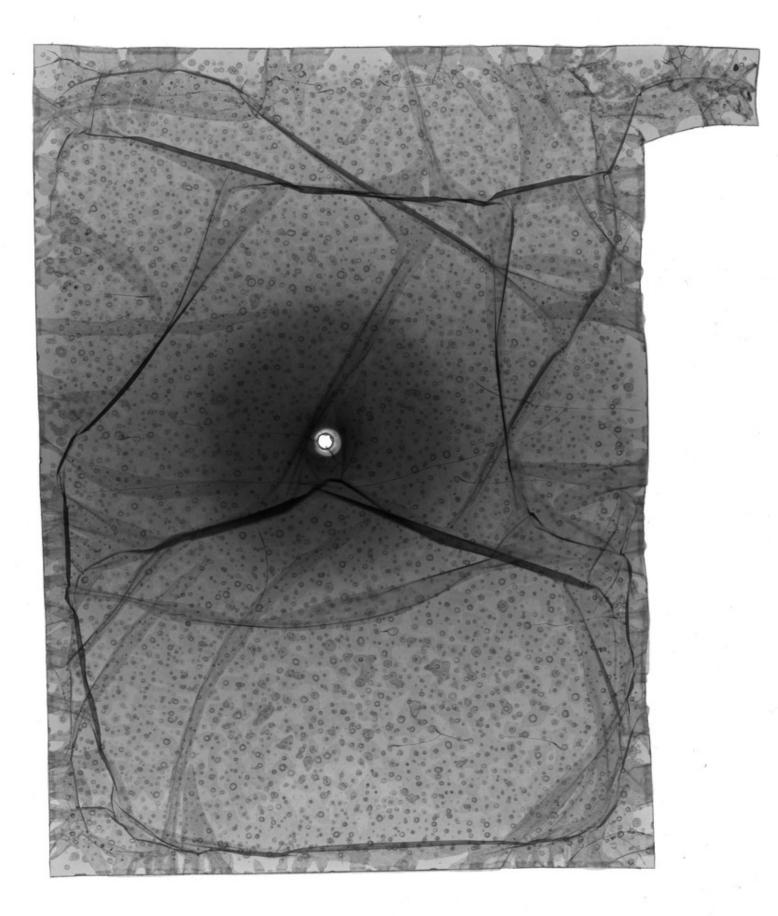
279 Calcite rings for 228



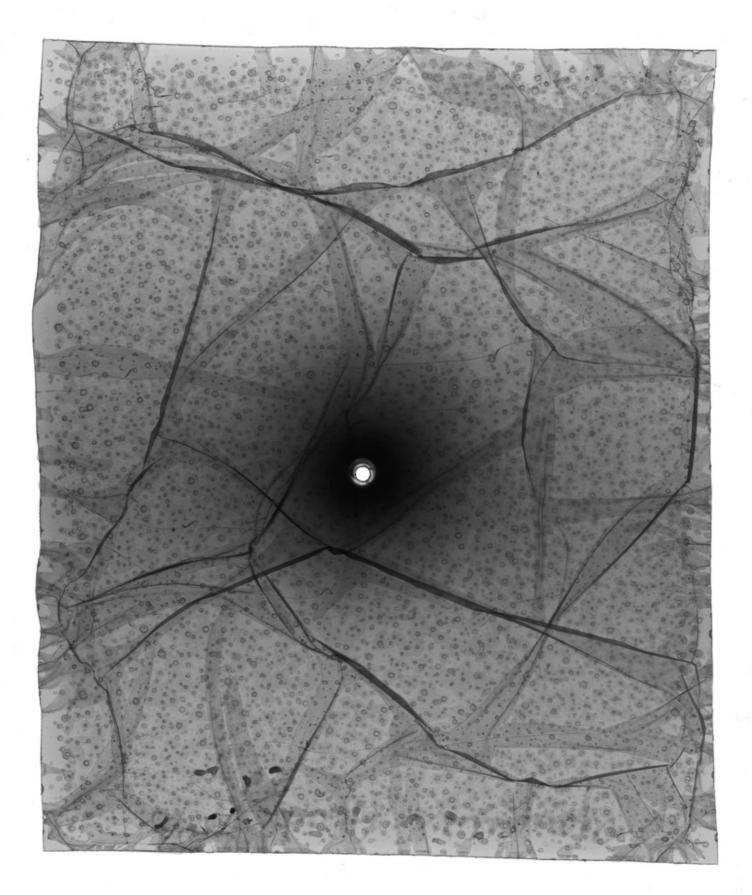




pig Rg



sermatia 75% H [relative humidity]

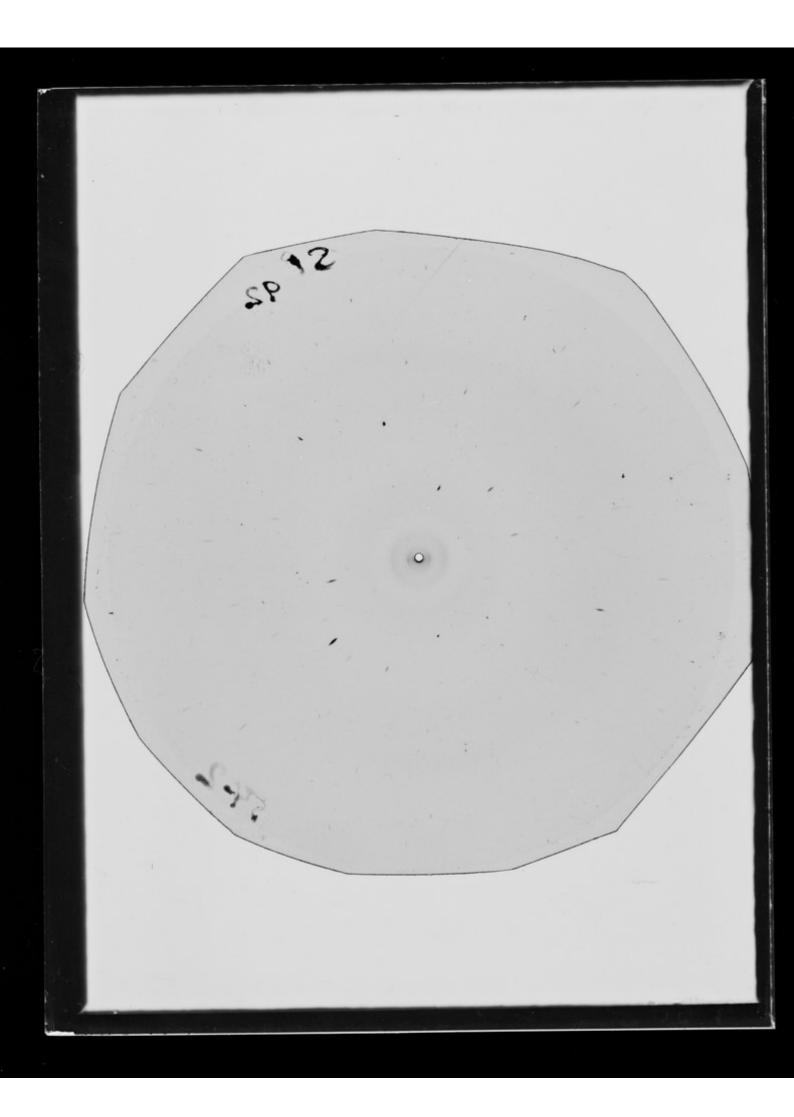


[A pernitric?] Acid 75% H [relative humidity]



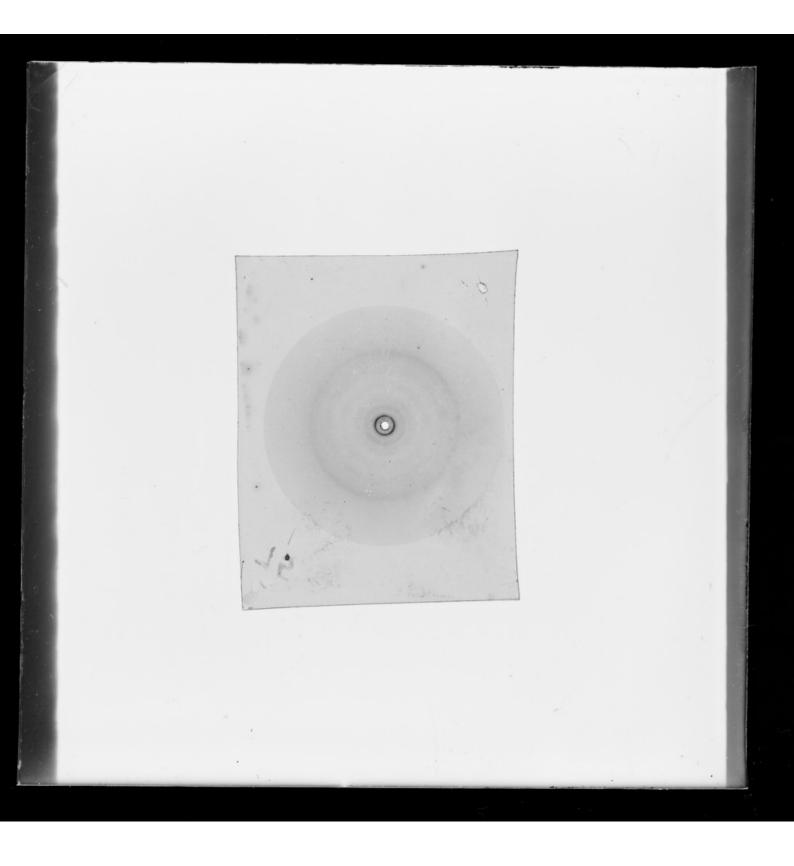




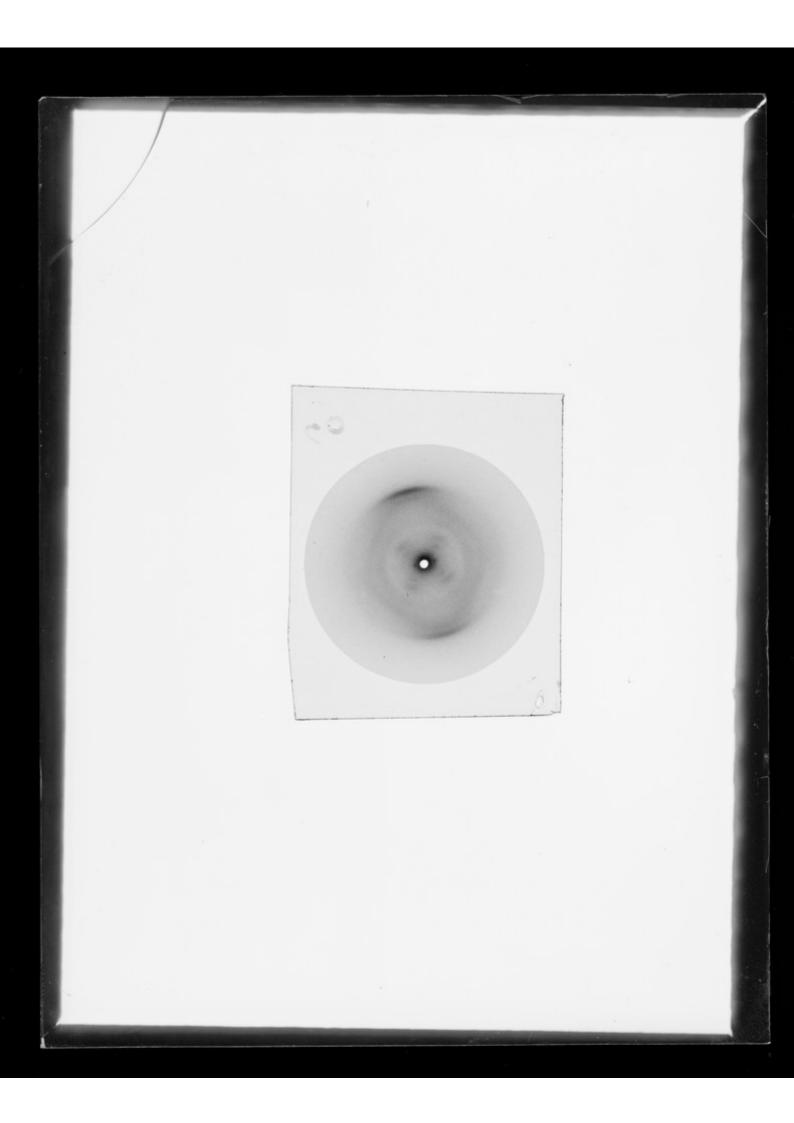














Dr Wilkins

