

卷之三十一

卷四
五
七
九
十一

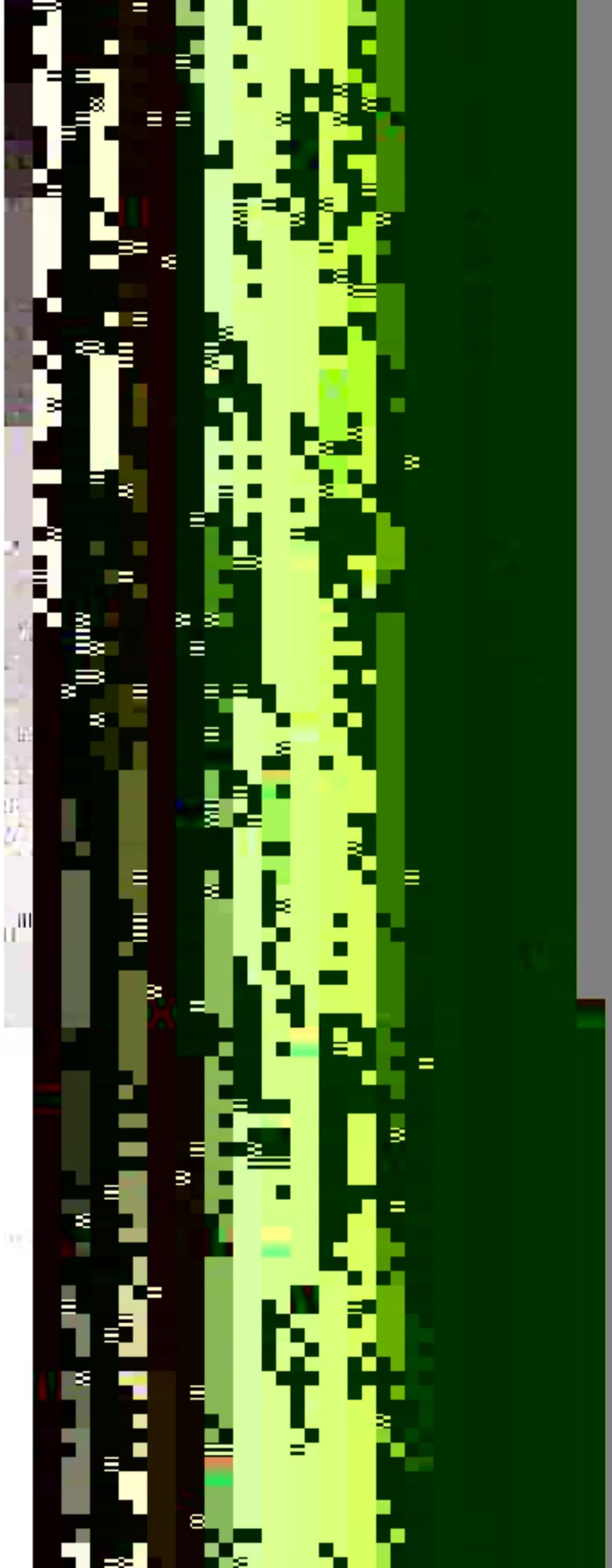
10

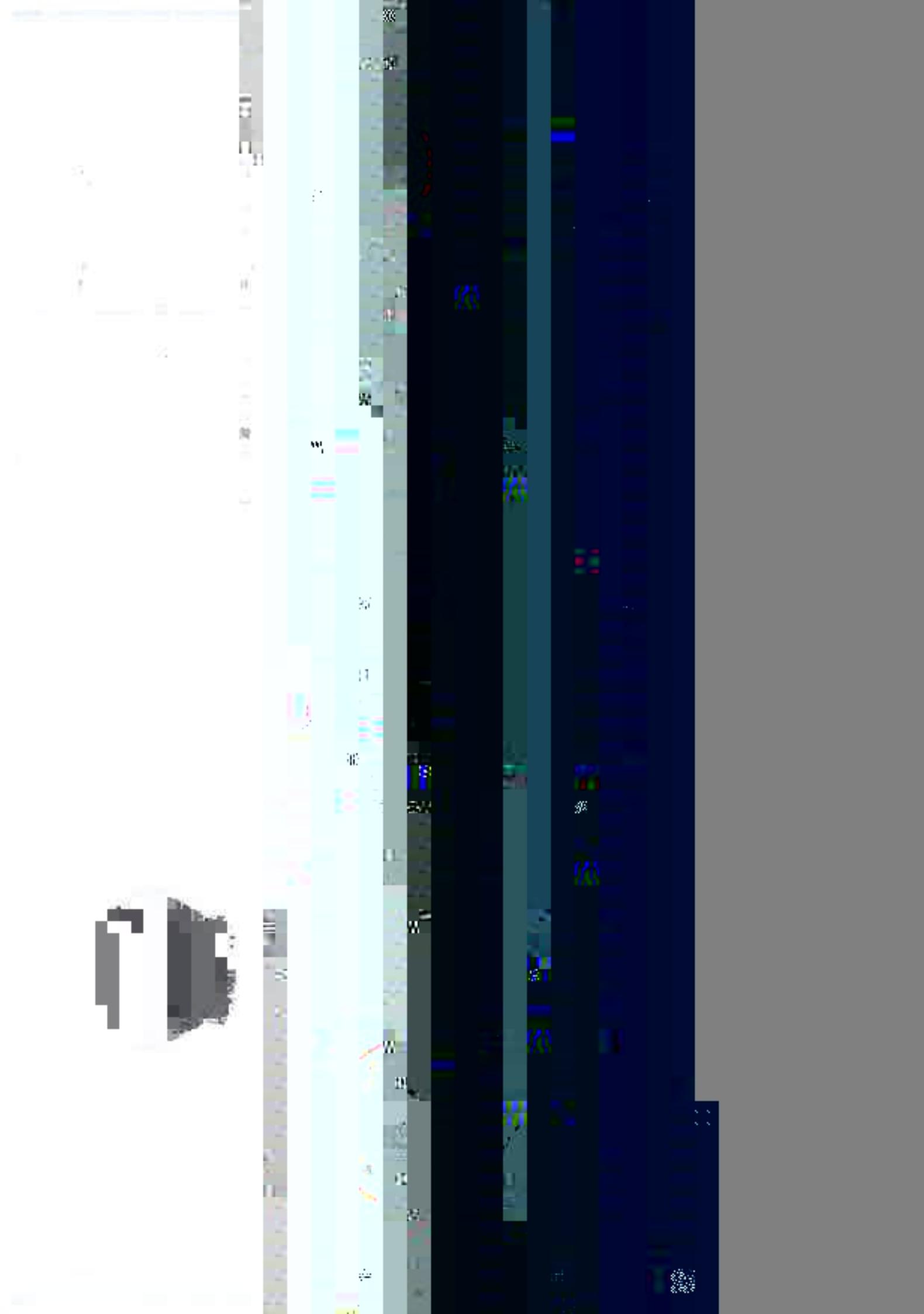


中華書局影印
宋史卷一百一十五

卷之三十一

| Sample | Cultivation time (h) | Incubation time (h) | Incubation temperature (°C) | Growth rate (μ) | | Cellular parameters | | Enzyme activity (U/mg) | | Other | |
|--------|----------------------|---------------------|-----------------------------|-----------------------|-------|--------------------------------|---------------|------------------------|-----------------|-----------|---------|
| | | | | Initial | Final | Cell density ($\times 10^6$) | Diameter (μm) | Glucosidase | β-Glucuronidase | Chitinase | Protein |
| 1 | 0 | 0 | 30 | — | — | — | — | — | — | — | — |
| 2 | 10 | 0 | 30 | 0.005 | 0.008 | 1.5 | 10 | — | — | — | — |
| 3 | 10 | 1 | 30 | 0.005 | 0.012 | 1.5 | 10 | — | — | — | — |
| 4 | 10 | 2 | 30 | 0.005 | 0.015 | 1.5 | 10 | — | — | — | — |
| 5 | 10 | 3 | 30 | 0.005 | 0.018 | 1.5 | 10 | — | — | — | — |
| 6 | 10 | 4 | 30 | 0.005 | 0.020 | 1.5 | 10 | — | — | — | — |
| 7 | 10 | 5 | 30 | 0.005 | 0.022 | 1.5 | 10 | — | — | — | — |
| 8 | 10 | 6 | 30 | 0.005 | 0.025 | 1.5 | 10 | — | — | — | — |
| 9 | 10 | 7 | 30 | 0.005 | 0.028 | 1.5 | 10 | — | — | — | — |
| 10 | 10 | 8 | 30 | 0.005 | 0.030 | 1.5 | 10 | — | — | — | — |
| 11 | 10 | 9 | 30 | 0.005 | 0.032 | 1.5 | 10 | — | — | — | — |
| 12 | 10 | 10 | 30 | 0.005 | 0.035 | 1.5 | 10 | — | — | — | — |
| 13 | 10 | 11 | 30 | 0.005 | 0.038 | 1.5 | 10 | — | — | — | — |
| 14 | 10 | 12 | 30 | 0.005 | 0.040 | 1.5 | 10 | — | — | — | — |
| 15 | 10 | 13 | 30 | 0.005 | 0.042 | 1.5 | 10 | — | — | — | — |
| 16 | 10 | 14 | 30 | 0.005 | 0.045 | 1.5 | 10 | — | — | — | — |
| 17 | 10 | 15 | 30 | 0.005 | 0.048 | 1.5 | 10 | — | — | — | — |
| 18 | 10 | 16 | 30 | 0.005 | 0.050 | 1.5 | 10 | — | — | — | — |
| 19 | 10 | 17 | 30 | 0.005 | 0.052 | 1.5 | 10 | — | — | — | — |
| 20 | 10 | 18 | 30 | 0.005 | 0.055 | 1.5 | 10 | — | — | — | — |
| 21 | 10 | 19 | 30 | 0.005 | 0.058 | 1.5 | 10 | — | — | — | — |
| 22 | 10 | 20 | 30 | 0.005 | 0.060 | 1.5 | 10 | — | — | — | — |
| 23 | 10 | 21 | 30 | 0.005 | 0.062 | 1.5 | 10 | — | — | — | — |
| 24 | 10 | 22 | 30 | 0.005 | 0.065 | 1.5 | 10 | — | — | — | — |
| 25 | 10 | 23 | 30 | 0.005 | 0.068 | 1.5 | 10 | — | — | — | — |
| 26 | 10 | 24 | 30 | 0.005 | 0.070 | 1.5 | 10 | — | — | — | — |
| 27 | 10 | 25 | 30 | 0.005 | 0.072 | 1.5 | 10 | — | — | — | — |
| 28 | 10 | 26 | 30 | 0.005 | 0.075 | 1.5 | 10 | — | — | — | — |
| 29 | 10 | 27 | 30 | 0.005 | 0.078 | 1.5 | 10 | — | — | — | — |
| 30 | 10 | 28 | 30 | 0.005 | 0.080 | 1.5 | 10 | — | — | — | — |
| 31 | 10 | 29 | 30 | 0.005 | 0.082 | 1.5 | 10 | — | — | — | — |
| 32 | 10 | 30 | 30 | 0.005 | 0.085 | 1.5 | 10 | — | — | — | — |
| 33 | 10 | 31 | 30 | 0.005 | 0.088 | 1.5 | 10 | — | — | — | — |
| 34 | 10 | 32 | 30 | 0.005 | 0.090 | 1.5 | 10 | — | — | — | — |
| 35 | 10 | 33 | 30 | 0.005 | 0.092 | 1.5 | 10 | — | — | — | — |
| 36 | 10 | 34 | 30 | 0.005 | 0.095 | 1.5 | 10 | — | — | — | — |
| 37 | 10 | 35 | 30 | 0.005 | 0.098 | 1.5 | 10 | — | — | — | — |
| 38 | 10 | 36 | 30 | 0.005 | 0.100 | 1.5 | 10 | — | — | — | — |
| 39 | 10 | 37 | 30 | 0.005 | 0.102 | 1.5 | 10 | — | — | — | — |
| 40 | 10 | 38 | 30 | 0.005 | 0.105 | 1.5 | 10 | — | — | — | — |
| 41 | 10 | 39 | 30 | 0.005 | 0.108 | 1.5 | 10 | — | — | — | — |
| 42 | 10 | 40 | 30 | 0.005 | 0.110 | 1.5 | 10 | — | — | — | — |
| 43 | 10 | 41 | 30 | 0.005 | 0.112 | 1.5 | 10 | — | — | — | — |
| 44 | 10 | 42 | 30 | 0.005 | 0.115 | 1.5 | 10 | — | — | — | — |
| 45 | 10 | 43 | 30 | 0.005 | 0.118 | 1.5 | 10 | — | — | — | — |
| 46 | 10 | 44 | 30 | 0.005 | 0.120 | 1.5 | 10 | — | — | — | — |
| 47 | 10 | 45 | 30 | 0.005 | 0.122 | 1.5 | 10 | — | — | — | — |
| 48 | 10 | 46 | 30 | 0.005 | 0.125 | 1.5 | 10 | — | — | — | — |
| 49 | 10 | 47 | 30 | 0.005 | 0.128 | 1.5 | 10 | — | — | — | — |
| 50 | 10 | 48 | 30 | 0.005 | 0.130 | 1.5 | 10 | — | — | — | — |
| 51 | 10 | 49 | 30 | 0.005 | 0.132 | 1.5 | 10 | — | — | — | — |
| 52 | 10 | 50 | 30 | 0.005 | 0.135 | 1.5 | 10 | — | — | — | — |
| 53 | 10 | 51 | 30 | 0.005 | 0.138 | 1.5 | 10 | — | — | — | — |
| 54 | 10 | 52 | 30 | 0.005 | 0.140 | 1.5 | 10 | — | — | — | — |
| 55 | 10 | 53 | 30 | 0.005 | 0.142 | 1.5 | 10 | — | — | — | — |
| 56 | 10 | 54 | 30 | 0.005 | 0.145 | 1.5 | 10 | — | — | — | — |
| 57 | 10 | 55 | 30 | 0.005 | 0.148 | 1.5 | 10 | — | — | — | — |
| 58 | 10 | 56 | 30 | 0.005 | 0.150 | 1.5 | 10 | — | — | — | — |
| 59 | 10 | 57 | 30 | 0.005 | 0.152 | 1.5 | 10 | — | — | — | — |
| 60 | 10 | 58 | 30 | 0.005 | 0.155 | 1.5 | 10 | — | — | — | — |
| 61 | 10 | 59 | 30 | 0.005 | 0.158 | 1.5 | 10 | — | — | — | — |
| 62 | 10 | 60 | 30 | 0.005 | 0.160 | 1.5 | 10 | — | — | — | — |
| 63 | 10 | 61 | 30 | 0.005 | 0.162 | 1.5 | 10 | — | — | — | — |
| 64 | 10 | 62 | 30 | 0.005 | 0.165 | 1.5 | 10 | — | — | — | — |
| 65 | 10 | 63 | 30 | 0.005 | 0.168 | 1.5 | 10 | — | — | — | — |
| 66 | 10 | 64 | 30 | 0.005 | 0.170 | 1.5 | 10 | — | — | — | — |
| 67 | 10 | 65 | 30 | 0.005 | 0.172 | 1.5 | 10 | — | — | — | — |
| 68 | 10 | 66 | 30 | 0.005 | 0.175 | 1.5 | 10 | — | — | — | — |
| 69 | 10 | 67 | 30 | 0.005 | 0.178 | 1.5 | 10 | — | — | — | — |
| 70 | 10 | 68 | 30 | 0.005 | 0.180 | 1.5 | 10 | — | — | — | — |
| 71 | 10 | 69 | 30 | 0.005 | 0.182 | 1.5 | 10 | — | — | — | — |
| 72 | 10 | 70 | 30 | 0.005 | 0.185 | 1.5 | 10 | — | — | — | — |
| 73 | 10 | 71 | 30 | 0.005 | 0.188 | 1.5 | 10 | — | — | — | — |
| 74 | 10 | 72 | 30 | 0.005 | 0.190 | 1.5 | 10 | — | — | — | — |
| 75 | 10 | 73 | 30 | 0.005 | 0.192 | 1.5 | 10 | — | — | — | — |
| 76 | 10 | 74 | 30 | 0.005 | 0.195 | 1.5 | 10 | — | — | — | — |
| 77 | 10 | 75 | 30 | 0.005 | 0.198 | 1.5 | 10 | — | — | — | — |
| 78 | 10 | 76 | 30 | 0.005 | 0.200 | 1.5 | 10 | — | — | — | — |
| 79 | 10 | 77 | 30 | 0.005 | 0.202 | 1.5 | 10 | — | — | — | — |
| 80 | 10 | 78 | 30 | 0.005 | 0.205 | 1.5 | 10 | — | — | — | — |
| 81 | 10 | 79 | 30 | 0.005 | 0.208 | 1.5 | 10 | — | — | — | — |
| 82 | 10 | 80 | 30 | 0.005 | 0.210 | 1.5 | 10 | — | — | — | — |
| 83 | 10 | 81 | 30 | 0.005 | 0.212 | 1.5 | 10 | — | — | — | — |
| 84 | 10 | 82 | 30 | 0.005 | 0.215 | 1.5 | 10 | — | — | — | — |
| 85 | 10 | 83 | 30 | 0.005 | 0.218 | 1.5 | 10 | — | — | — | — |
| 86 | 10 | 84 | 30 | 0.005 | 0.220 | 1.5 | 10 | — | — | — | — |
| 87 | 10 | 85 | 30 | 0.005 | 0.222 | 1.5 | 10 | — | — | — | — |
| 88 | 10 | 86 | 30 | 0.005 | 0.225 | 1.5 | 10 | — | — | — | — |
| 89 | 10 | 87 | 30 | 0.005 | 0.228 | 1.5 | 10 | — | — | — | — |
| 90 | 10 | 88 | 30 | 0.005 | 0.230 | 1.5 | 10 | — | — | — | — |
| 91 | 10 | 89 | 30 | 0.005 | 0.232 | 1.5 | 10 | — | — | — | — |
| 92 | 10 | 90 | 30 | 0.005 | 0.235 | 1.5 | 10 | — | — | — | — |
| 93 | 10 | 91 | 30 | 0.005 | 0.238 | 1.5 | 10 | — | — | — | — |
| 94 | 10 | 92 | 30 | 0.005 | 0.240 | 1.5 | 10 | — | — | — | — |
| 95 | 10 | 93 | 30 | 0.005 | 0.242 | 1.5 | 10 | — | — | — | — |
| 96 | 10 | 94 | 30 | 0.005 | 0.245 | 1.5 | 10 | — | — | — | — |
| 97 | 10 | 95 | 30 | 0.005 | 0.248 | 1.5 | 10 | — | — | — | — |
| 98 | 10 | 96 | 30 | 0.005 | 0.250 | 1.5 | 10 | — | — | — | — |
| 99 | 10 | 97 | 30 | 0.005 | 0.252 | 1.5 | 10 | — | — | — | — |
| 100 | 10 | 98 | 30 | 0.005 | 0.255 | 1.5 | 10 | — | — | — | — |
| 101 | 10 | 99 | 30 | 0.005 | 0.258 | 1.5 | 10 | — | — | — | — |
| 102 | 10 | 100 | 30 | 0.005 | 0.260 | 1.5 | 10 | — | — | — | — |
| 103 | 10 | 101 | 30 | 0.005 | 0.262 | 1.5 | 10 | — | — | — | — |
| 104 | 10 | 102 | 30 | 0.005 | 0.265 | 1.5 | 10 | — | — | — | — |
| 105 | 10 | 103 | 30 | 0.005 | 0.268 | 1.5 | 10 | — | — | — | — |
| 106 | 10 | 104 | 30 | 0.005 | 0.270 | 1.5 | 10 | — | — | — | — |
| 107 | 10 | 105 | 30 | 0.005 | 0.272 | 1.5 | 10 | — | — | — | — |
| 108 | 10 | 106 | 30 | 0.005 | 0.275 | 1.5 | 10 | — | — | — | — |
| 109 | 10 | 107 | 30 | 0.005 | 0.278 | 1.5 | 10 | — | — | — | — |
| 110 | 10 | 108 | 30 | 0.005 | 0.280 | 1.5 | 10 | — | — | — | — |
| 111 | 10 | 109 | 30 | 0.005 | 0.282 | 1.5 | 10 | — | — | — | — |
| 112 | 10 | 110 | 30 | 0.005 | 0.285 | 1.5 | 10 | — | — | — | — |
| 113 | 10 | 111 | 30 | 0.005 | 0.288 | 1.5 | 10 | — | — | — | — |
| 114 | 10 | 112 | 30 | 0.005 | 0.290 | 1.5 | 10 | — | — | — | — |
| 115 | 10 | 113 | 30 | 0.005 | 0.292 | 1.5 | 10 | — | — | — | — |
| 116 | 10 | 114 | 30 | 0.005 | 0.295 | 1.5 | 10 | — | — | — | — |
| 117 | 10 | 115 | 30 | 0.005 | 0.298 | 1.5 | 10 | — | — | — | — |
| 118 | 10 | 116 | 30 | 0.005 | 0.300 | 1.5 | 10 | — | — | — | — |
| 119 | 10 | 117 | 30 | 0.005 | 0.302 | 1.5 | 10 | — | — | — | — |
| 120 | 10 | 118 | 30 | 0.005 | 0.305 | 1.5 | 10 | — | — | — | — |
| 121 | 10 | 119 | 30 | 0.005 | 0.308 | 1.5 | 10 | — | — | — | — |
| 122 | 10 | 120 | 30 | 0.005 | 0.310 | 1.5 | 10 | — | — | — | — |
| 123 | 10 | 121 | 30 | 0.005 | 0.312 | 1.5 | 10 | — | — | — | — |
| 124 | 10 | 122 | 30 | 0.005 | 0.315 | 1.5 | 10 | — | — | — | — |
| 125 | 10 | 123 | 30 | 0.005 | 0.318 | 1.5 | 10 | — | — | — | — |
| 126 | 10 | 124 | 30 | 0.005 | 0.320 | 1.5 | 10 | — | — | — | — |
| 127 | 10 | 125 | 30 | 0.005 | 0.322 | 1.5 | 10 | — | — | — | — |
| 128 | 10 | 126 | 30 | 0.005 | 0.325 | 1.5 | 10 | — | | | |







the first time I had seen it, I was struck by its beauty and complexity. It was a small, delicate flower with many petals and a central cluster of stamens. I took a close-up photograph of it and printed it out. When I held it up to my eye, I could see the intricate details of the flower's structure. I was amazed by how much I could see just by looking closely.







卷之三

三

三

三

三

三

三

