

Appendice

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APPENDICE

Tableaux I-VI.

D, date de l'observation.

Ti, température de la feuille au début de l'observation ($^{\circ}\text{C}$).

Ar, élévation provoquée de la température de la feuille.

Ci¹, angles caractérisant les positions initiales des deux folioles.

Ct-Ci, déplacement angulaire de chaque foliole, réaction, au temps t. Unité d'angle, $2,5^{\circ}$. Unité de temps, 5 minutes.

Tableau I.

| Série B. 1. | | | | | | | | | | | | | |
|-----------------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---|
| | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 24 | 24 | 24 | |
| D | 18.VIII | 26.IX | 2.X | 3.X | 12.X | 13.X | 15.X | 16.X | 27.X | 18.VII | 18.VII | 19.VII | |
| Ti | 19,2° | 14,5° | 15,2° | 16,1° | 13,9° | 13,6° | 12,4° | 14,2° | 15,9° | 18,1° | 19,0° | 18,5° | |
| Ar | 1,3° | 1,4° | 1,7° | 1,7° | 1,7° | 1,4° | 1,3° | 1,3° | 1,5° | 1,7° | 1,5° | 1,7° | |
| Ci ¹ | -45,0° | -57,5° | -65,0° | -57,5° | -75,0° | -75,0° | -72,5° | -67,5° | -75,0° | -37,5° | -35,0° | 0,0° | |
| Ci ² | -50,0° | -60,0° | -65,0° | -95,0° | -70,0° | -72,5° | -62,5° | -82,5° | -75,0° | -42,5° | -75,0° | -47,5° | |
| t | Ct — Ci | | | | | | | | | | | | |
| 1 | { | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 2 | 2 |
| | } | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 2 | { | 3 | 1 | 0 | 1 | 2 | 0 | 1 | 0 | 1 | 0 | 2 | 2 |
| | } | 1 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 1 | 3 | 2 |
| 3 | { | 5 | 1 | 0 | 1 | 2 | 0 | 1 | 1 | 2 | 1 | 2 | 3 |
| | } | 2 | 1 | 2 | 1 | 2 | 0 | 2 | 0 | 1 | 3 | 5 | 4 |
| 4 | { | 6 | 1 | 1 | 1 | 3 | 0 | 1 | 2 | 3 | 1 | 3 | 3 |
| | } | 3 | 1 | 3 | 2 | 2 | 0 | 2 | 1 | 2 | 4 | 7 | 5 |
| 5 | { | 7 | 2 | 1 | 1 | 4 | 0 | 2 | 2 | 3 | 1 | 4 | 3 |
| | } | 4 | 2 | 5 | 2 | 2 | 1 | 3 | 1 | 2 | 5 | 9 | 5 |
| 6 | { | 8 | 2 | 1 | 3 | 5 | 1 | 3 | 2 | 3 | 2 | 5 | 3 |
| | } | 6 | 2 | 6 | 3 | 2 | 1 | 4 | 1 | 2 | 5 | 11 | 6 |
| 7 | { | 10 | 2 | 2 | 3 | 5 | 1 | 3 | 2 | 3 | 1 | 6 | 4 |
| | } | 6 | 2 | 8 | 3 | 2 | 1 | 4 | 2 | 2 | 5 | 11 | 7 |
| 8 | { | 10 | 3 | 2 | — | 5 | 1 | 3 | 3 | 2 | 1 | 6 | 4 |
| | } | 8 | 2 | 8 | — | 2 | 1 | 4 | 2 | 2 | 5 | 11 | 8 |
| 9 | { | 10 | 3 | 2 | — | 5 | 1 | 3 | 2 | 2 | 1 | 6 | 4 |
| | } | 8 | 2 | 8 | — | 2 | 1 | 5 | 2 | 2 | 6 | 11 | 8 |
| 10 | { | 11 | 3 | 2 | — | — | — | 3 | 2 | — | 1 | — | 4 |
| | } | 9 | 2 | 10 | — | — | — | 5 | 2 | — | 6 | — | 4 |
| 11 | { | 11 | 3 | 2 | — | — | — | 3 | — | — | 1 | — | — |
| | } | 10 | 2 | 10 | — | — | — | 5 | — | — | 6 | — | — |
| 12 | { | 11 | 3 | 2 | — | — | — | 3 | — | — | 1 | — | — |
| | } | 10 | 2 | 10 | — | — | — | 5 | — | — | 6 | — | — |

Tableau II.

Série B. 2.

| | 23 14.VIII | 23 14.VIII | 23 14.VIII | 23 16.VIII | 23 16.VIII | 23 17.VIII | 23 25.IX | 23 2.X | 23 2.X | 24 18.VII | 24 19.VII |
|------------------|---------------|---------------|---------------|---------------|---------------|---------------|-------------|-----------|-----------|--------------|--------------|
| Ti | 20,2° | 20,2° | 19,9° | 20,4° | 20,1° | 18,3° | 14,7° | 15,7° | 15,7° | 18,9° | 18,8° |
| AT | 3,0° | 2,9° | 3,0° | 3,4° | 3,5° | 3,1° | 3,5° | 2,3° | 2,8° | 3,1° | 3,0° |
| Ci ¹⁾ | -32,5° | -42,5° | -27,5° | -57,5° | -60,0° | 0,0° | -67,5° | -57,5° | -40,0° | -67,5° | -42,5° |
| Ci ²⁾ | -55,0° | -47,5° | -57,5° | -70,0° | -50,0° | 12,0° | -82,5° | -85,0° | -35,0° | -57,5° | -55,0° |

| t | — Ct — Ci | | | | | | | | | | |
|----|-----------|----|----|----|----|----|----|---|---|----|----|
| 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 2 |
| | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 3 |
| 2 | 2 | 1 | 3 | 2 | 2 | 2 | 3 | 2 | 3 | 2 | 5 |
| | 1 | 2 | 1 | 1 | 1 | 1 | 4 | 1 | 3 | 4 | 5 |
| 3 | 3 | 2 | 5 | 3 | 5 | 3 | 5 | 2 | 4 | 6 | 7 |
| | 2 | 3 | 2 | 1 | 4 | 3 | 5 | 2 | 4 | 5 | 7 |
| 4 | 5 | 3 | 7 | 5 | 6 | 4 | 7 | 3 | 4 | 7 | 10 |
| | 4 | 4 | 3 | 2 | 6 | 4 | 7 | 2 | 4 | 6 | 10 |
| 5 | 7 | 5 | 9 | 8 | 7 | 5 | 9 | 4 | 6 | 8 | 12 |
| | 6 | 6 | 5 | 2 | 7 | 6 | 9 | 2 | 5 | 9 | 12 |
| 6 | 7 | 7 | 11 | 11 | 7 | 5 | 11 | 4 | 7 | 10 | 12 |
| | 6 | 7 | 7 | 4 | 8 | 6 | 10 | 3 | 6 | 8 | 14 |
| 7 | 9 | 8 | 11 | 12 | 8 | 6 | 12 | 5 | 8 | 13 | 13 |
| | 8 | 8 | 9 | 6 | 9 | 7 | 10 | 4 | 7 | 11 | 16 |
| 8 | 9 | 9 | 12 | 13 | 10 | 7 | 13 | 6 | 8 | 13 | 14 |
| | 9 | 9 | 10 | 6 | 10 | 9 | 11 | 3 | 7 | 11 | 16 |
| 9 | 11 | 10 | 13 | 14 | 10 | 7 | 13 | 6 | 8 | 13 | 14 |
| | 10 | 10 | 11 | 6 | 10 | 9 | 12 | 4 | 7 | 12 | 17 |
| 10 | 11 | 11 | 14 | 15 | 11 | 7 | 14 | 7 | 8 | 15 | 13 |
| | 11 | 11 | 13 | 6 | 11 | 9 | 13 | 5 | 7 | 11 | 17 |
| 11 | 13 | 10 | 14 | 16 | 12 | 8 | 15 | 7 | 8 | 15 | 13 |
| | 12 | 12 | 13 | 6 | 11 | 10 | 14 | 5 | 8 | 12 | 18 |
| 12 | 14 | 12 | 14 | 17 | 12 | 8 | 15 | 6 | — | 16 | 13 |
| | 14 | 13 | 15 | 7 | 12 | 10 | 15 | 5 | — | 12 | 18 |
| 13 | 14 | 13 | 15 | 17 | 13 | 8 | 15 | — | — | 17 | 13 |
| | 14 | 14 | 16 | 8 | 12 | 10 | 17 | — | — | 14 | 18 |
| 14 | 15 | 12 | 16 | 17 | 12 | 8 | 17 | — | — | 17 | — |
| | 14 | 14 | 17 | 8 | 11 | 10 | 19 | — | — | 15 | — |
| 15 | 14 | 12 | 15 | 17 | 13 | 8 | 17 | — | — | 18 | — |
| | 13 | 14 | 18 | 9 | 10 | 10 | 19 | — | — | 15 | — |
| 16 | 14 | 13 | 16 | 17 | 13 | 8 | 17 | — | — | 18 | — |
| | 14 | 15 | 18 | 8 | 11 | 10 | 20 | — | — | 15 | — |

Tableau II (suite).

| | | | | | | | | | | | | |
|----|---|----|----|----|----|----|----|----|---|---|----|---|
| 17 | { | 15 | 12 | 15 | 18 | 12 | 8 | 19 | — | — | 18 | — |
| | | 13 | 15 | 19 | 8 | 10 | 10 | 21 | — | — | 14 | — |
| 18 | { | 15 | 12 | 14 | 16 | 13 | 8 | 19 | — | — | 18 | — |
| | | 14 | 15 | 18 | 8 | 9 | 10 | 21 | — | — | 15 | — |
| 19 | { | — | 12 | 13 | 15 | 12 | — | 20 | — | — | — | — |
| | | — | 14 | 17 | 8 | 9 | — | 23 | — | — | — | — |
| 20 | { | — | 13 | 12 | 15 | 12 | — | 21 | — | — | — | — |
| | | — | 15 | 15 | 8 | 8 | — | 25 | — | — | — | — |
| 21 | { | — | 12 | 10 | 15 | 11 | — | 21 | — | — | — | — |
| | | — | 15 | 14 | 8 | 7 | — | 25 | — | — | — | — |
| 22 | { | — | 12 | 9 | 14 | 10 | — | 21 | — | — | — | — |
| | | — | 14 | 13 | 8 | 6 | — | 25 | — | — | — | — |
| 23 | { | — | 12 | 9 | — | 11 | — | 21 | — | — | — | — |
| | | — | 14 | 13 | — | 7 | — | 25 | — | — | — | — |
| 24 | { | — | — | — | — | 10 | — | 21 | — | — | — | — |
| | | — | — | — | — | 5 | — | 25 | — | — | — | — |

Tableau III.

Série B. 3.

| | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 24 | 24 | |
|----|-----------|--------|--------|--------|--------|---------|--------|--------|--------|--------|--------|----|
| D | 14.VII | 17.VII | 17.VII | 19.VII | 3.VIII | 24.VIII | 27.IX | 29.IX | 4.X | 17.VII | 18.VII | |
| Ti | 19,6° | 19,6° | 19,7° | 19,4° | 19,2° | 15,2° | 15,0° | 14,8° | 14,5° | 19,3° | 18,3° | |
| At | 4,4° | 5,2° | 5,9° | 5,6° | 5,9° | 4,7° | 5,1° | 5,5° | 5,5° | 5,9° | 5,2° | |
| Ci | 1) -50,0° | -50,0° | -65,0° | -30,0° | -25,0° | -57,5° | -57,5° | -75,0° | -75,0° | -47,5° | -62,5° | |
| | 2) -35,0° | -72,5° | -60,0° | -57,5° | -35,0° | -62,5° | -70,0° | -80,0° | -87,5° | -40,0° | -65,0° | |
| t | Ct — Ci | | | | | | | | | | | |
| 1 | { | 1 | 0 | 0 | 1 | 2 | 2 | 1 | 0 | 1 | 2 | 0 |
| | | 2 | 1 | 0 | 1 | 2 | 1 | 1 | 2 | 1 | 5 | 0 |
| 2 | { | 2 | 1 | 1 | 5 | 3 | 5 | 4 | 2 | 1 | 5 | 2 |
| | | 3 | 2 | 0 | 4 | 4 | 1 | 4 | 4 | 3 | 9 | 5 |
| 3 | { | 7 | 4 | 3 | 9 | 6 | 6 | 7 | 4 | 2 | 8 | 5 |
| | | 7 | 3 | 1 | 6 | 6 | 2 | 6 | 6 | 4 | 12 | 9 |
| 4 | { | 8 | 5 | 6 | 10 | 7 | 8 | 10 | 5 | 3 | 11 | 7 |
| | | 8 | 5 | 2 | 7 | 8 | 3 | 10 | 8 | 5 | 15 | 11 |
| 5 | { | 8 | 8 | 8 | 13 | 10 | 10 | 13 | 7 | 3 | 14 | 9 |
| | | 11 | 6 | 3 | 10 | 10 | 3 | 14 | 10 | 7 | 17 | 14 |
| 6 | { | 10 | 8 | 11 | 14 | 11 | 11 | 16 | 7 | 4 | 17 | 11 |
| | | 13 | 8 | 4 | 12 | 12 | 5 | 16 | 12 | 7 | 21 | 16 |
| 7 | { | 11 | 8 | 12 | 16 | 13 | 13 | 19 | 11 | 4 | 19 | 12 |
| | | 14 | 9 | 5 | 12 | 12 | 6 | 19 | 13 | 7 | 22 | 16 |

Tableau III (suite).

| | | | | | | | | | | | | |
|----|---|----|----|----|----|----|----|----|----|----|----|----|
| 8 | { | 12 | 10 | 13 | 17 | 14 | 13 | 20 | 11 | 3 | 20 | 14 |
| | | 14 | 9 | 6 | 14 | 14 | 7 | 20 | 14 | 7 | 24 | 18 |
| 9 | { | 13 | 11 | 15 | 17 | 14 | 14 | 21 | 12 | 4 | 21 | 16 |
| | | 13 | 9 | 7 | 15 | 14 | 7 | 20 | 16 | 7 | 24 | 19 |
| 10 | { | 15 | 12 | 16 | 18 | 16 | 15 | 21 | 12 | 6 | 22 | 17 |
| | | 10 | 9 | 8 | 15 | 15 | 8 | 22 | 16 | 7 | 26 | 20 |
| 11 | { | 14 | 12 | 17 | 18 | 17 | 16 | 21 | 12 | 6 | 22 | 16 |
| | | 8 | 9 | 9 | 16 | 15 | 8 | 23 | 16 | 8 | 27 | 19 |
| 12 | { | 14 | 12 | 17 | 19 | 18 | 16 | 21 | 12 | 7 | 22 | 17 |
| | | 8 | 9 | 9 | 16 | 15 | 7 | 23 | 16 | 9 | 27 | 20 |
| 13 | { | 16 | 11 | 17 | 19 | 18 | 16 | 21 | 11 | 7 | 23 | 16 |
| | | 7 | 8 | 9 | 15 | 15 | 7 | 23 | 16 | 9 | 28 | 19 |
| 14 | { | 15 | 11 | 18 | 20 | 18 | 16 | 21 | 11 | 7 | 24 | 16 |
| | | 6 | 8 | 10 | 16 | 15 | 8 | 23 | 15 | 9 | 29 | 18 |
| 15 | { | 15 | 11 | 18 | 20 | 18 | 16 | 21 | 10 | 7 | 24 | 15 |
| | | 6 | 8 | 12 | 15 | 14 | 7 | 23 | 15 | 10 | 29 | 17 |
| 16 | { | 14 | 10 | 17 | 20 | 18 | 16 | 21 | 9 | 7 | 23 | 15 |
| | | 7 | 9 | 12 | 15 | 14 | 7 | 23 | 11 | 10 | 29 | 17 |
| 17 | { | 14 | 10 | 17 | 20 | 18 | 16 | 21 | 8 | 7 | 23 | 15 |
| | | 7 | 9 | 12 | 15 | 13 | 8 | 24 | 10 | 10 | 29 | 17 |
| 18 | { | 13 | 11 | 16 | 20 | 18 | 16 | 21 | 6 | — | 23 | 16 |
| | | 7 | 9 | 12 | 15 | 13 | 7 | 24 | 9 | — | 29 | 17 |
| 19 | { | 12 | — | 15 | 20 | 17 | — | — | 7 | — | — | — |
| | | 7 | — | 12 | 15 | 12 | — | — | 9 | — | — | — |
| 20 | { | 12 | — | 15 | — | 18 | — | — | — | — | — | — |
| | | 8 | — | 12 | — | 13 | — | — | — | — | — | — |

Tableau IV.

Série B. 4.

| | 23 | 23 | 23 | 23 | 23 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
|----------------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| D | 16.VIII | 17.VIII | 18.VIII | 24.IX | 27.IX | 10.VII | 11.VII | 16.VII | 22.VII | 22.VII | 23.VII | 24.VII |
| Ti | 20,3° | 19,0° | 19,8° | 15,3° | 14,9° | 18,7° | 18,5° | 19,6° | 18,3° | 18,8° | 18,1° | 17,9° |
| At | 9,2° | 8,9° | 8,0° | 8,1° | 8,8° | 8,8° | 9,4° | 8,8° | 8,8° | 9,2° | 9,0° | 9,0° |
| C ₁ | -67,5° | -22,5° | -27,5° | -70,0° | -62,5° | -40,0° | -27,5° | -65,0° | -20,0° | -42,5° | -62,5° | -45,0° |
| C ₂ | -67,5° | -7,5° | -37,5° | -75,0° | -87,5° | -42,5° | -47,5° | -65,0° | -40,0° | -40,0° | -40,0° | -30,0° |

t

Ct — Ci

| | | | | | | | | | | | | | |
|---|---|----|----|---|---|---|----|---|----|----|----|---|----|
| 1 | { | 4 | 6 | 3 | 3 | 2 | 6 | 6 | 11 | 8 | 3 | 6 | 8 |
| | | 4 | 2 | 4 | 1 | 0 | 6 | 1 | 11 | 4 | 10 | 4 | 9 |
| 2 | { | 17 | 10 | 6 | 7 | 5 | 9 | 8 | 19 | 12 | 6 | 9 | 11 |
| | | 9 | 5 | 9 | 4 | 3 | 13 | 5 | 17 | 5. | 15 | 7 | 11 |

Tableau IV (suite).

| | | | | | | | | | | | | |
|-----|----|----|----|----|----|----|----|----|----|----|----|----|
| 3) | 22 | 16 | 11 | 10 | 9 | 14 | 12 | 20 | 14 | 6 | 13 | 14 |
| | 12 | 12 | 14 | 7 | 10 | 17 | 8 | 18 | 7 | 16 | 12 | 13 |
| 4) | 24 | 19 | 13 | 12 | 12 | 20 | 18 | 24 | 16 | 8 | 14 | 18 |
| | 17 | 12 | 17 | 8 | 13 | 21 | 11 | 23 | 9 | 18 | 13 | 15 |
| 5) | 28 | 22 | 15 | 14 | 14 | 21 | 21 | 26 | 18 | 9 | 15 | 20 |
| | 21 | 14 | 21 | 11 | 16 | 22 | 13 | 25 | 12 | 19 | 15 | 18 |
| 6) | 30 | 24 | 16 | 15 | 16 | 23 | 22 | 29 | 18 | 10 | 18 | 21 |
| | 23 | 15 | 23 | 13 | 19 | 25 | 14 | 27 | 12 | 19 | 16 | 20 |
| 7) | 32 | 25 | 18 | 17 | 18 | 26 | 24 | 31 | 19 | 12 | 16 | 24 |
| | 25 | 17 | 24 | 15 | 21 | 26 | 16 | 29 | 14 | 20 | 17 | 20 |
| 8) | 34 | 27 | 19 | 19 | 19 | 29 | 25 | 32 | 20 | 13 | 18 | 25 |
| | 25 | 19 | 25 | 17 | 23 | 27 | 18 | 30 | 15 | 20 | 17 | 22 |
| 9) | 36 | 28 | 19 | 20 | 20 | 30 | 25 | 35 | 21 | 14 | 18 | 26 |
| | 27 | 20 | 26 | 18 | 24 | 30 | 20 | 33 | 17 | 19 | 17 | 23 |
| 10) | 38 | 29 | 20 | 20 | 20 | 31 | 26 | 36 | 21 | 13 | 17 | 26 |
| | 28 | 18 | 26 | 19 | 25 | 31 | 21 | 35 | 17 | 20 | 16 | 23 |
| 11) | 39 | 30 | 20 | 21 | 21 | 32 | 27 | 38 | 21 | 14 | 17 | 27 |
| | 29 | 17 | 27 | 19 | 26 | 32 | 21 | 38 | 18 | 21 | 17 | 23 |
| 12) | 40 | 30 | 20 | 21 | 22 | 33 | 28 | 39 | 22 | 14 | 17 | 28 |
| | 31 | 16 | 26 | 20 | 27 | 31 | 21 | 39 | 19 | 22 | 17 | 24 |
| 13) | 40 | 30 | 21 | 21 | 21 | 34 | 29 | 42 | 22 | 14 | 17 | 28 |
| | 31 | 17 | 25 | 20 | 27 | 32 | 23 | 40 | 18 | 21 | 16 | 24 |
| 14) | 41 | 31 | 21 | 22 | 21 | 33 | 29 | 42 | 22 | 14 | 17 | 29 |
| | 31 | 16 | 25 | 20 | 27 | 33 | 23 | 41 | 18 | 23 | 16 | 23 |
| 15) | 43 | 31 | 20 | 21 | 21 | 34 | 29 | 42 | 22 | 14 | 17 | 29 |
| | 32 | 17 | 25 | 20 | 28 | 33 | 24 | 41 | 18 | 23 | 16 | 23 |
| 16) | 43 | 32 | 21 | 21 | 20 | 35 | 31 | 42 | 22 | 14 | 17 | 29 |
| | 31 | 18 | 24 | 19 | 27 | 34 | 24 | 42 | 19 | 24 | 17 | 23 |
| 17) | 44 | 32 | 21 | 21 | 20 | 35 | 31 | 43 | 22 | 14 | 17 | 29 |
| | 30 | 18 | 23 | 19 | 27 | 35 | 25 | 43 | 20 | 23 | 17 | 23 |
| 18) | 44 | 32 | 21 | 21 | — | 35 | 31 | 44 | 22 | 14 | 17 | 30 |
| | 30 | 18 | 23 | 19 | — | 34 | 25 | 44 | 20 | 23 | 17 | 23 |
| 19) | 45 | 33 | 20 | 21 | — | 36 | 31 | 45 | — | — | — | — |
| | 29 | 18 | 23 | 19 | — | 34 | 26 | 45 | — | — | — | — |
| 20) | 45 | 33 | 21 | 21 | — | 36 | 30 | 45 | — | — | — | — |
| | 29 | 19 | 23 | 19 | — | 35 | 26 | 45 | — | — | — | — |
| 21) | 44 | 34 | 21 | 21 | — | 36 | 31 | — | — | — | — | — |
| | 28 | 19 | 22 | 20 | — | 35 | 26 | — | — | — | — | — |

Tableau IV (suite).

| | | | | | | | | | | | |
|----|----|----|----|---|---|----|----|---|---|---|---|
| 22 | 44 | 34 | 21 | — | — | 36 | 31 | — | — | — | — |
| | 27 | 18 | 22 | — | — | 35 | 27 | — | — | — | — |
| 23 | 43 | 35 | 21 | — | — | 37 | 31 | — | — | — | — |
| | 26 | 19 | 22 | — | — | 35 | 27 | — | — | — | — |
| 24 | 43 | 35 | 20 | — | — | 37 | 31 | — | — | — | — |
| | 27 | 19 | 21 | — | — | 35 | 27 | — | — | — | — |

Tableau V.

Série B. 5.

| | 23 17.VII | 23 18.VII | 23 2.VIII | 23 3.VIII | 23 18.VIII | 23 29.IX | 24 19.VII | 24 23.VII | 24 26.VII | 24 29.VII |
|----|--------------|--------------|--------------|--------------|---------------|-------------|--------------|--------------|--------------|--------------|
| Ti | 19,9° | 19,4° | 18,9° | 18,6° | 19,6° | 15,2° | 18,1° | 17,3° | 17,6° | 16,6° |
| Ar | 11,1° | 10,6° | 10,9° | 11,1° | 12,1° | 11,0° | 11,2° | 11,3° | 11,5° | 11,4° |
| Ci | -15,0° | -20,0° | -30,0° | -50,0° | -40,0° | -77,5° | -47,5° | -35,0° | -65,0° | -40,0° |
| | -25,0° | -22,5° | -52,5° | -62,5° | -50,0° | -77,5° | -57,5° | -37,5° | -75,0° | -75,0° |
| t | Ct — Ci | | | | | | | | | |
| 1 | 4 | 3 | 1 | 3 | 7 | 6 | 10 | 8 | 10 | 7 |
| | 4 | 3 | 1 | 2 | 4 | 5 | 11 | 9 | 7 | 8 |
| 2 | 9 | 7 | 5 | 9 | 13 | 11 | 14 | 13 | 14 | 13 |
| | 9 | 5 | 5 | 4 | 12 | 8 | 14 | 13 | 11 | 16 |
| 3 | 13 | 14 | 8 | 15 | 19 | 16 | 17 | 15 | 16 | 16 |
| | 13 | 11 | 7 | 8 | 18 | 13 | 16 | 16 | 15 | 16 |
| 4 | 15 | 17 | 11 | 18 | 20 | 19 | 19 | 19 | 19 | 17 |
| | 15 | 13 | 10 | 12 | 20 | 17 | 17 | 19 | 18 | 19 |
| 5 | 16 | 19 | 14 | 21 | 24 | 20 | 21 | 19 | 20 | 18 |
| | 18 | 16 | 12 | 15 | 24 | 20 | 18 | 19 | 18 | 19 |
| 6 | 17 | 21 | 16 | 24 | 26 | 22 | 21 | 20 | 21 | 21 |
| | 20 | 18 | 13 | 18 | 25 | 23 | 18 | 20 | 20 | 20 |
| 7 | 19 | 20 | 17 | 25 | 28 | 23 | 23 | 20 | 21 | 23 |
| | 21 | 19 | 15 | 21 | 27 | 24 | 19 | 21 | 22 | 21 |
| 8 | 19 | 22 | 18 | 27 | 30 | 23 | 23 | 21 | 23 | 25 |
| | 22 | 20 | 16 | 23 | 29 | 25 | 20 | 21 | 25 | 23 |
| 9 | 20 | 22 | 18 | 29 | 32 | 23 | 24 | 22 | 23 | 25 |
| | 23 | 19 | 17 | 23 | 30 | 26 | 21 | 22 | 28 | 24 |
| 10 | 20 | 23 | 19 | 29 | 34 | 23 | 24 | 22 | 23 | 26 |
| | 23 | 19 | 17 | 26 | 32 | 26 | 22 | 22 | 29 | 25 |
| 11 | 21 | 23 | 20 | 30 | 34 | 23 | 24 | 21 | 24 | 27 |
| | 23 | 19 | 17 | 27 | 33 | 26 | 21 | 22 | 30 | 27 |
| 12 | 22 | 22 | 20 | 31 | 34 | 23 | 24 | 21 | 24 | 28 |
| | 24 | 18 | 18 | 27 | 32 | 27 | 21 | 22 | 29 | 28 |

Tableau V (suite).

| | | | | | | | | | | |
|----|------|----|----|----|----|----|----|----|----|----|
| 13 | { 22 | 23 | 20 | 31 | 35 | 24 | 25 | 22 | 24 | 28 |
| | { 23 | 18 | 18 | 27 | 32 | 27 | 21 | 22 | 30 | 29 |
| 14 | { 22 | 22 | 19 | 31 | 36 | 25 | 25 | 22 | 24 | 28 |
| | { 23 | 18 | 17 | 27 | 33 | 28 | 22 | 22 | 30 | 30 |
| 15 | { 22 | 21 | 19 | 31 | 38 | 25 | 26 | 23 | 24 | 28 |
| | { 23 | 17 | 17 | 28 | 33 | 28 | 23 | 22 | 30 | 31 |
| 16 | { 22 | 21 | 20 | 31 | 39 | 26 | 26 | 23 | 24 | 29 |
| | { 22 | 16 | 17 | 28 | 34 | 28 | 23 | 22 | 30 | 33 |
| 17 | { 23 | 21 | 18 | 31 | 40 | 26 | 27 | 24 | 23 | 30 |
| | { 23 | 17 | 17 | 28 | 34 | 28 | 24 | 23 | 30 | 33 |
| 18 | { 23 | 21 | 18 | 32 | 40 | 27 | 27 | 24 | 23 | 30 |
| | { 22 | 18 | 16 | 28 | 34 | 28 | 24 | 23 | 30 | 33 |
| 19 | { 23 | 22 | 18 | 32 | 41 | 27 | 27 | 24 | 24 | 30 |
| | { 22 | 17 | 16 | 28 | 34 | 27 | 24 | 24 | 31 | 34 |
| 20 | { 23 | 23 | 18 | 32 | 41 | 27 | 27 | 24 | 24 | 31 |
| | { 23 | 15 | 17 | 29 | 36 | 27 | 24 | 24 | 31 | 33 |
| 21 | { 23 | 24 | 18 | 33 | 41 | 29 | — | 24 | 24 | — |
| | { 22 | 17 | 17 | 29 | 35 | 28 | — | 24 | 31 | — |
| 22 | { 24 | 24 | 18 | 33 | 40 | 29 | — | 24 | 24 | — |
| | { 22 | 17 | 16 | 28 | 34 | 28 | — | 24 | 30 | — |
| 23 | { 24 | 24 | 18 | 34 | 42 | 29 | — | — | 24 | — |
| | { 21 | 17 | 16 | 29 | 35 | 29 | — | — | 30 | — |
| 24 | { — | — | 18 | 35 | 42 | 29 | — | — | — | — |
| | { — | — | 15 | 29 | 36 | 29 | — | — | — | — |

Série B. 6.

Tableau VI.

| | 23 | 23 | 23 | 23 | 24 | 24 | 24 | 24 | 24 | 24 |
|----|-----------|--------|---------|--------|--------|--------|--------|--------|--------|--------|
| D | 4.VIII | 9.VIII | 17.VIII | 29.IX | 10.VII | 16.VII | 24.VII | 24.VII | 29.VII | 30.VII |
| Ti | 18,9° | 19,2° | 19,4° | 15,0° | 18,8° | 19,1° | 17,9° | 17,8° | 17,0° | 16,1° |
| Ar | 14,4° | 14,7° | 14,1° | 15,5° | 15,3° | 15,3° | 14,8° | 15,3° | 15,0° | 15,1° |
| Ci | 1) -60,0° | -67,5° | -47,5° | -85,0° | -70,0° | -55,0° | -42,5° | -35,0° | -52,5° | -30,0° |
| | 2) -32,5° | -52,5° | -40,0° | -77,5° | -75,0° | -77,5° | -60,0° | -80,0° | -77,5° | -55,0° |
| t | Ct — Ci | | | | | | | | | |
| 1 | { 5 | 4 | 11 | 3 | -1 | 2 | 10 | 7 | 6 | 9 |
| | { 6 | 3 | 6 | 11 | 4 | 2 | 7 | 8 | 4 | 3 |
| 2 | { 13 | 11 | 16 | 6 | 16 | 9 | 12 | 13 | 10 | 15 |
| | { 10 | 7 | 12 | 16 | 13 | 12 | 10 | 14 | 7 | 3 |
| 3 | { 15 | 14 | 18 | 9 | 21 | 9 | 13 | 18 | 11 | 18 |
| | { 12 | 13 | 16 | 19 | 16 | 14 | 10 | 14 | 8 | 3 |
| 4 | { 16 | 15 | 19 | 12 | 23 | 10 | 15 | 18 | 13 | 20 |
| | { 13 | 18 | 17 | 22 | 20 | 17 | 12 | 17 | 10 | 4 |

Tableau VI (suite).

| | | | | | | | | | | |
|----|------|----|----|----|----|----|----|----|----|----|
| 5 | \ 16 | 15 | 19 | 16 | 24 | 10 | 16 | 20 | 14 | 22 |
| | / 14 | 22 | 18 | 23 | 21 | 17 | 14 | 19 | 12 | 8 |
| 6 | \ 16 | 15 | 20 | 19 | 27 | 12 | 16 | 21 | 15 | 23 |
| | / 15 | 30 | 20 | 25 | 23 | 17 | 15 | 20 | 13 | 11 |
| 7 | \ 16 | 15 | 21 | 22 | 28 | 14 | 17 | 22 | 17 | 23 |
| | / 16 | 31 | 20 | 26 | 23 | 17 | 16 | 20 | 16 | 11 |
| 8 | \ 16 | 15 | 22 | 24 | 32 | 16 | 18 | 22 | 18 | 24 |
| | / 17 | 33 | 22 | 27 | 26 | 17 | 17 | 20 | 17 | 12 |
| 9 | \ 17 | 15 | 22 | 26 | 33 | 17 | 19 | 21 | 19 | 24 |
| | / 19 | 35 | 24 | 28 | 27 | 18 | 20 | 21 | 19 | 15 |
| 10 | \ 17 | 16 | 22 | 29 | 37 | 18 | 20 | 21 | 20 | 24 |
| | / 21 | 37 | 25 | 29 | 28 | 18 | 20 | 22 | 20 | 16 |
| 11 | \ 17 | 16 | 23 | 29 | 38 | 18 | 20 | 21 | 20 | 25 |
| | / 21 | 38 | 24 | 30 | 28 | 18 | 22 | 22 | 22 | 16 |
| 12 | \ 17 | 16 | 24 | 30 | 39 | 20 | 21 | 21 | 21 | 26 |
| | / 23 | 39 | 26 | 30 | 29 | 17 | 24 | 23 | 24 | 17 |
| 13 | \ 17 | 16 | 25 | 30 | 40 | 22 | 22 | 21 | 22 | 27 |
| | / 22 | 41 | 26 | 31 | 30 | 17 | 25 | 24 | 27 | 17 |
| 14 | \ 17 | 17 | 25 | 31 | 42 | 22 | 23 | 21 | 23 | 28 |
| | / 24 | 42 | 28 | 32 | 31 | 17 | 26 | 24 | 29 | 18 |
| 15 | \ 18 | 17 | 27 | 32 | 44 | — | 23 | 20 | 25 | 28 |
| | / 25 | 42 | 29 | 33 | 32 | — | 26 | 24 | 31 | 18 |
| 16 | \ 18 | 17 | 27 | 31 | 44 | — | 23 | 21 | 25 | 28 |
| | / 27 | 42 | 30 | 35 | 32 | — | 27 | 25 | 32 | 18 |
| 17 | \ 18 | 17 | 28 | 30 | 46 | — | 24 | 21 | 26 | 27 |
| | / 25 | 42 | 31 | 34 | 34 | — | 28 | 25 | 33 | 19 |
| 18 | \ 19 | 18 | 27 | 30 | 48 | — | 24 | 22 | 26 | 27 |
| | / 25 | 42 | 30 | 35 | 36 | — | 28 | 26 | 33 | 19 |
| 19 | \ 20 | 19 | 28 | 29 | 48 | — | 25 | 22 | 27 | 28 |
| | / 27 | 44 | 30 | 35 | 37 | — | 28 | 26 | 34 | 20 |
| 20 | \ 20 | 19 | 29 | 29 | 50 | — | 25 | 22 | 27 | 28 |
| | / 27 | 44 | 30 | 35 | 37 | — | 29 | 26 | 35 | 20 |
| 21 | \ 20 | 20 | 29 | 29 | 52 | — | 25 | 22 | 27 | 29 |
| | / 27 | 44 | 31 | 35 | 38 | — | 29 | 26 | 35 | 20 |
| 22 | \ 22 | 20 | 29 | 29 | 52 | — | 25 | — | 27 | 29 |
| | / 28 | 45 | 31 | 35 | 38 | — | 30 | — | 36 | 20 |
| 23 | \ 22 | 20 | 31 | 28 | 52 | — | 26 | — | 28 | 30 |
| | / 29 | 45 | 31 | 35 | 38 | — | 32 | — | 37 | 20 |
| 24 | \ 23 | 21 | 31 | 28 | 52 | — | 26 | — | 29 | 30 |
| | / 28 | 45 | 31 | 35 | 38 | — | 32 | — | 39 | 20 |

Tableaux VII-XI.

D, Ti, Ci, Ct, t, comme précédemment.

L, lampe utilisée.

T₂-Ti, échauffement de la feuille après 10 minutes d'éclairage.

Tableau VII.

Série D. 0.

| | 23 26.X | 23 26.X | 23 27.X | 23 27.X | 23 27.10 |
|--------------------|------------|------------|------------|------------|-------------|
| D | 0 | 0 | 0 | 0 | 0 |
| L | 0 | 0 | 0 | 0 | 0 |
| Ti | 17,0° | 16,8° | 15,7° | 15,9° | 15,8° |
| T ₂ -Ti | 0,2° | 0,3° | 0,4° | 0,1° | -0,1° |
| Ci 1 | -55,0° | -62,5° | -75,0° | -82,5° | -62,5° |
| Ci 2 | -65,0° | -70,0° | -57,5° | -65,0° | -75,0° |

| t | Ct — Ci | | | | |
|----|---------|---|---|---|---|
| 1 | 0 | 0 | 0 | 1 | 0 |
| | 1 | 0 | 0 | 1 | 0 |
| 2 | 0 | 0 | 1 | 2 | 1 |
| | 1 | 1 | 1 | 2 | 0 |
| 3 | 0 | 1 | 4 | 3 | 2 |
| | 2 | 1 | 2 | 3 | 2 |
| 4 | 1 | 1 | 5 | 5 | 3 |
| | 2 | 2 | 3 | 4 | 4 |
| 5 | 1 | 1 | 5 | 6 | 4 |
| | 2 | 2 | 3 | 4 | 5 |
| 6 | 1 | 1 | 5 | 6 | 4 |
| | 2 | 2 | 3 | 4 | 5 |
| 7 | 0 | 1 | 4 | 6 | 4 |
| | 2 | 2 | 2 | 4 | 4 |
| 8 | 0 | 1 | 4 | 6 | 4 |
| | 2 | 2 | 1 | 4 | 4 |
| 9 | 0 | 1 | 4 | 6 | 3 |
| | 2 | 2 | 1 | 4 | 3 |
| 10 | — | — | 4 | — | 3 |
| | — | — | 1 | — | 3 |

Série D. 1.

Tableau VIII.

| | 23 8.IX | 23 8.IX | 23 12.IX | 23 12.IX | 23 20.IX | 23 11.IX | 23 11.IX | 23 19.IX | 23 19.IX | 23 21.IX | 23 22.IX |
|--------------------|------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| D | B | B | B | B | B | P | P | P | P | P | P |
| Ti | 17,5° | 17,1° | 17,3° | 16,7° | 15,8° | 16,3° | 17,0° | 15,8° | 15,4° | 15,3° | 15,3° |
| T ₂ -Ti | 0,1° | 0,3° | 0,3° | 0,5° | 0,1° | 0,3° | 0,3° | -0,1° | 0,5° | 0,1° | 0,2° |
| Ci ₁ | -52,5° | -50,0° | -75,0° | -60,0° | -40,0° | -65,0° | -62,5° | -52,5° | -20,0° | -30,0° | -52,5° |
| Ci ₂ | -60,0° | -55,0° | -55,0° | -62,5° | -47,5° | -80,0° | -75,0° | -57,5° | -40,0° | -50,0° | -50,0° |
| t | Ct — Ci | | | | | | | | | | |
| 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 1 |
| 2 | 0 | 0 | 2 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| 3 | 1 | 0 | 2 | 4 | 1 | 5 | 6 | 5 | 3 | 2 | 3 |
| 4 | 0 | 2 | 5 | 7 | 1 | 4 | 6 | 2 | 3 | 1 | 0 |
| 5 | 3 | 3 | 6 | 7 | 2 | 7 | 11 | 11 | 6 | 2 | 4 |
| 6 | 1 | 4 | 10 | 10 | 3 | 6 | 10 | 6 | 7 | 4 | 2 |
| 7 | 4 | 4 | 8 | 7 | 2 | 8 | 13 | 11 | 6 | 4 | 5 |
| 8 | 2 | 5 | 11 | 11 | 3 | 6 | 12 | 8 | 8 | 5 | 4 |
| 9 | 5 | 5 | 8 | 7 | 4 | 7 | 13 | 11 | 6 | 4 | 5 |
| 10 | 2 | 6 | 12 | 11 | 3 | 8 | 12 | 8 | 8 | 6 | 6 |
| 11 | 6 | 5 | 7 | 7 | 4 | 6 | 14 | 11 | 7 | 5 | 7 |
| 12 | 3 | 6 | 11 | 10 | 5 | 8 | 12 | 9 | 9 | 7 | 6 |
| 13 | 5 | 5 | 7 | 7 | 4 | 6 | 15 | 12 | 7 | 5 | 7 |
| 14 | 4 | 6 | 11 | 11 | 6 | 9 | 12 | 9 | 9 | 7 | 6 |
| 15 | 5 | 5 | 7 | 7 | 4 | 6 | 15 | 11 | 7 | 5 | 7 |
| 16 | 4 | 6 | 12 | 11 | 6 | 9 | 12 | 9 | 9 | 7 | 6 |
| 17 | 6 | 4 | 8 | 7 | 4 | 6 | 15 | 12 | 6 | 6 | 7 |
| 18 | 4 | 6 | 11 | 11 | 7 | 9 | 12 | 9 | 9 | 6 | 6 |
| 19 | 6 | 4 | 8 | 7 | 4 | 7 | 16 | 12 | 6 | 6 | 7 |
| 20 | 4 | 6 | 12 | 11 | 7 | 10 | 12 | 9 | 9 | 7 | 6 |
| 21 | 7 | 5 | 8 | 8 | 5 | 7 | 16 | 13 | 5 | 6 | 7 |
| 22 | 5 | 6 | 12 | 11 | 7 | 10 | 13 | 9 | 8 | 8 | 6 |
| 23 | 7 | 5 | 9 | 8 | 5 | 8 | 16 | 13 | 6 | 7 | 7 |
| 24 | 4 | 6 | 12 | 11 | 7 | 10 | 14 | 9 | 8 | 8 | 6 |
| 25 | 7 | 5 | 9 | 8 | — | 8 | 17 | 13 | 6 | 6 | — |
| 26 | 5 | 6 | 12 | 11 | — | 10 | 15 | 9 | 8 | 8 | — |
| 27 | 8 | 5 | 9 | 9 | — | 8 | 18 | 13 | 6 | 7 | — |
| 28 | 6 | 6 | 12 | 12 | — | 10 | 16 | 9 | 9 | 8 | — |
| 29 | 8 | 5 | — | 10 | — | 8 | 19 | 14 | 7 | 7 | — |
| 30 | 6 | 6 | — | 13 | — | 10 | 17 | 9 | 10 | 8 | — |
| 31 | 10 | 4 | — | 10 | — | 8 | 19 | 14 | 7 | 8 | — |
| 32 | 6 | 7 | — | 13 | — | 9 | 17 | 10 | 10 | 8 | — |
| 33 | 9 | 4 | — | 11 | — | 8 | 19 | 14 | 7 | 8 | — |
| 34 | 8 | 6 | — | 12 | — | 9 | 16 | 11 | 10 | 8 | — |
| 35 | 11 | 4 | — | 10 | — | 8 | 19 | 14 | 6 | 8 | — |
| 36 | 8 | 6 | — | 12 | — | 9 | 16 | 11 | 11 | 8 | — |

Série D. 2.

Tableau IX.

| | | | | | | | | | | | | | | | |
|--------------|---------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 |
| D | 1.IX | 4.IX | 6.IX | 6.IX | 5.IX | 5.IX | 7.IX | 7.IX | 22.IX | 22.IX | 7.IX | 8.IX | 18.IX | 18.IX | 20.IX |
| L | B | B | B | B | P | P | P | P | P | P | P+B | P+B | P+B | P+B | P+B |
| | 16,7° | 16,3° | 16,1° | 16,8° | 16,1° | 16,0° | 16,8° | 16,3° | 15,4° | 15,7° | 16,5° | 16,4° | 16,3° | 16,6° | 15,5° |
| ₂ | 0,2° | 0,6° | 0,7° | 0,2° | 0,5° | 0,5° | 0,4° | 0,7° | 0,5° | 0,5° | 0,8° | 0,6° | 0,4° | 0,2° | 0,6° |
| Ci | 1-55,0° | 4-2,5° | 4-2,5° | 20-0° | 4-7,5° | 4-5,0° | 2-7,5° | 5-5,0° | 9-2,5° | 6-5,0° | 3-5,0° | 5-0,0° | 5-2,5° | 6-5,0° | 4-2,5° |
| 2) | 70,0° | 65,0° | 60,0° | 42,5° | 70,0° | 55,0° | 27,5° | 70,0° | 82,5° | 60,0° | 45,0° | 47,5° | 67,5° | 55,0° | 52,5° |

| t | Ct — Ci | | | | | | | | | | | | | | |
|-----|---------|----|----|----|----|----|----|----|----|----|----|----|---|----|----|
| 1) | 0 | 0 | 1 | 2 | 1 | 0 | 2 | 0 | 0 | 1 | -1 | 0 | 0 | 0 | 1 |
| 2) | 2 | 1 | 0 | 1 | 0 | 0 | 2 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 |
| 3) | 1 | 0 | 3 | 5 | 5 | 2 | 8 | 4 | 2 | 2 | 0 | 3 | 0 | 4 | 4 |
| 4) | 6 | 2 | 3 | 4 | 4 | 1 | 6 | 4 | 2 | 2 | 2 | 3 | 1 | 2 | 3 |
| 5) | 5 | 2 | 5 | 7 | 10 | 2 | 12 | 6 | 6 | 3 | 1 | 8 | 3 | 8 | 6 |
| 6) | 11 | 4 | 6 | 6 | 10 | 3 | 11 | 8 | 6 | 5 | 3 | 7 | 5 | 4 | 7 |
| 7) | 8 | 3 | 7 | 9 | 12 | 3 | 14 | 7 | 8 | 6 | 2 | 10 | 5 | 10 | 7 |
| 8) | 12 | 6 | 8 | 7 | 12 | 4 | 12 | 8 | 9 | 6 | 4 | 9 | 5 | 6 | 9 |
| 9) | 8 | 4 | 8 | 10 | 14 | 4 | 14 | 8 | 10 | 8 | 2 | 10 | 5 | 10 | 8 |
| 10) | 14 | 7 | 8 | 8 | 14 | 5 | 12 | 8 | 9 | 8 | 5 | 9 | 7 | 6 | 9 |
| 11) | 9 | 4 | 9 | 11 | 15 | 4 | 15 | 8 | 10 | 9 | 3 | 10 | 5 | 10 | 9 |
| 12) | 14 | 7 | 9 | 9 | 15 | 6 | 12 | 8 | 9 | 8 | 6 | 9 | 7 | 7 | 9 |
| 13) | 9 | 5 | 9 | 12 | 15 | 6 | 15 | 7 | 10 | 8 | 4 | 11 | 6 | 10 | 10 |
| 14) | 14 | 8 | 9 | 9 | 15 | 6 | 12 | 8 | 10 | 9 | 6 | 9 | 8 | 7 | 11 |
| 15) | 9 | 5 | 9 | 13 | 16 | 6 | 16 | 7 | 10 | 8 | 4 | 11 | 6 | 10 | 11 |
| 16) | 14 | 8 | 9 | 9 | 16 | 7 | 13 | 8 | 10 | 9 | 6 | 9 | 9 | 6 | 12 |
| 17) | 9 | 5 | 10 | 14 | 17 | 6 | 17 | 8 | 10 | 9 | 4 | 12 | 7 | 10 | 12 |
| 18) | 14 | 9 | 10 | 10 | 17 | 8 | 14 | 9 | 10 | 9 | 6 | 10 | 9 | 8 | 13 |
| 19) | 10 | 5 | 10 | 14 | 17 | 6 | 16 | 8 | 11 | 8 | 5 | 12 | 8 | 9 | 13 |
| 20) | 15 | 9 | 10 | 10 | 18 | 8 | 15 | 10 | 11 | 10 | 7 | 11 | 9 | 8 | 13 |
| 21) | 10 | 5 | 11 | 15 | 18 | 7 | 16 | 9 | 11 | 9 | 4 | 14 | 9 | 10 | 13 |
| 22) | 16 | 10 | 10 | 11 | 18 | 10 | 15 | 10 | 11 | 10 | 7 | 11 | 9 | 9 | 13 |
| 23) | 10 | 5 | 11 | 15 | 18 | 7 | 17 | 10 | 12 | 9 | 6 | 14 | — | 10 | 14 |
| 24) | 16 | 10 | 10 | 11 | 19 | 10 | 15 | 10 | 12 | 11 | 8 | 12 | — | 9 | 13 |
| 25) | 10 | 6 | 11 | 16 | 18 | 8 | 17 | 10 | 13 | 9 | 6 | 14 | — | 10 | 15 |
| 26) | 16 | 10 | 10 | 12 | 19 | 12 | 16 | 10 | 13 | 11 | 8 | 12 | — | 9 | 15 |
| 27) | 11 | 6 | 11 | 16 | 18 | 9 | 17 | 10 | 13 | 10 | 6 | 14 | — | 10 | 15 |
| 28) | 16 | 11 | 11 | 13 | 20 | 13 | 16 | 10 | 14 | 12 | 8 | 12 | — | 10 | 15 |
| 29) | 12 | 6 | 11 | 17 | 18 | 10 | 17 | 10 | 14 | 10 | 6 | 14 | — | 11 | 16 |
| 30) | 16 | 11 | 11 | 13 | 20 | 14 | 17 | 10 | 14 | 13 | 10 | 11 | — | 10 | 15 |
| 31) | 12 | 7 | 11 | 17 | 17 | 10 | 17 | 11 | 15 | 10 | 7 | 14 | — | 10 | 17 |
| 32) | 16 | 11 | 11 | 13 | 20 | 14 | 17 | 10 | 15 | 13 | 10 | 11 | — | 10 | 15 |
| 33) | 11 | 7 | 11 | 17 | 17 | 11 | 17 | 11 | 15 | 11 | 7 | 14 | — | 10 | 17 |
| 34) | 16 | 12 | 12 | 13 | 20 | 15 | 17 | 10 | 15 | 13 | 10 | 11 | — | 11 | 16 |
| 35) | 10 | 7 | 11 | 17 | 17 | 12 | 17 | 10 | 15 | 11 | 7 | 14 | — | 10 | 18 |
| 36) | 17 | 12 | 12 | 13 | 20 | 16 | 17 | 10 | 15 | 13 | 10 | 11 | — | 11 | 16 |

Série D. 3.

Tableau X.

| | 23 D 28.VIII | 23 28.VIII | 23 29.VIII | 23 30.VIII | 23 14.IX | 23 28.VIII | 23 29.VIII | 23 31.VIII | 23 15.IX | 23 13.X | 23 1.IX | 23 4.IX |
|--------------------|-----------------|---------------|---------------|---------------|-------------|---------------|---------------|---------------|-------------|------------|------------|------------|
| | L | B | B | B | B | P | P | P | P | P | P+B | P+B |
| | 17,2° | 17,0° | 17,4° | 17,8° | 17,9° | 17,7° | 17,3° | 16,8° | 17,5° | 14,3° | 16,3° | 16,4° |
| I ₂ -II | 0,7° | 1,0° | 0,5° | 0,5° | 1,0° | 0,8° | 0,5° | 0,7° | 0,7° | 0,7° | 1,1° | 1,1° |
| CI | 1 -57,5° | -35,0° | -17,5° | -35,0° | -55,0° | -25,0° | -70,0° | -37,5° | -65,0° | -70,0° | -20,0° | -60,0° |
| | 2 -60,0° | -27,5° | -20,0° | -30,0° | -72,5° | -47,5° | -85,0° | -32,5° | -45,0° | -77,5° | -37,5° | -65,0° |
| t | Ct -- Ci | | | | | | | | | | | |
| 1 | 3 | 2 | 4 | 0 | 5 | 2 | 1 | 8 | 2 | 2 | 0 | 0 |
| | 4 | 1 | 4 | 1 | 4 | 5 | 3 | 5 | 4 | 1 | 2 | 0 |
| 2 | 10 | 9 | 10 | 1 | 13 | 8 | 7 | 11 | 8 | 4 | 5 | 6 |
| | 10 | 6 | 12 | 2 | 11 | 9 | 10 | 11 | 10 | 7 | 7 | 8 |
| 3 | 13 | 13 | 12 | 4 | 15 | 12 | 12 | 14 | 12 | 8 | 10 | 12 |
| | 13 | 10 | 12 | 5 | 13 | 13 | 14 | 13 | 12 | 13 | 9 | 12 |
| 4 | 14 | 15 | 12 | 6 | 15 | 12 | 14 | 17 | 13 | 10 | 12 | 15 |
| | 14 | 12 | 12 | 5 | 15 | 14 | 14 | 14 | 13 | 15 | 11 | 16 |
| 5 | 15 | 17 | 12 | 7 | 16 | 12 | 15 | 17 | 14 | 12 | 12 | 15 |
| | 14 | 13 | 12 | 7 | 15 | 15 | 14 | 15 | 14 | 16 | 12 | 17 |
| 6 | 15 | 17 | 12 | 8 | 16 | 12 | 15 | 18 | 14 | 12 | 13 | 17 |
| | 15 | 13 | 12 | 8 | 16 | 15 | 14 | 15 | 13 | 16 | 13 | 18 |
| 7 | 16 | 18 | 12 | 8 | 16 | 12 | 16 | 18 | 15 | 12 | 13 | 18 |
| | 16 | 14 | 12 | 8 | 17 | 15 | 15 | 14 | 14 | 16 | 13 | 18 |
| 8 | 16 | 18 | 13 | 8 | 18 | 12 | 17 | 19 | 16 | 12 | 14 | 18 |
| | 16 | 15 | 13 | 9 | 19 | 15 | 16 | 15 | 15 | 17 | 13 | 19 |
| 9 | 17 | 18 | 12 | 8 | 20 | 13 | 18 | 19 | 18 | 13 | 14 | 20 |
| | 17 | 15 | 13 | 9 | 21 | 15 | 18 | 14 | 17 | 17 | 14 | 20 |
| 10 | 17 | 19 | 12 | 9 | 20 | 14 | 19 | 19 | 20 | 14 | 15 | 21 |
| | 18 | 14 | 12 | 10 | 22 | 16 | 19 | 14 | 19 | 18 | 15 | 22 |
| 11 | 18 | 19 | 13 | 9 | 22 | 14 | 21 | 20 | 21 | 14 | 16 | 22 |
| | 20 | 14 | 12 | 11 | 23 | 16 | 20 | 15 | 20 | 19 | 16 | 23 |
| 12 | 19 | 19 | 13 | 9 | 23 | 15 | 21 | 20 | 22 | 14 | 16 | 22 |
| | 21 | 14 | 12 | 11 | 24 | 16 | 20 | 15 | 20 | 20 | 16 | 23 |
| 13 | 19 | 19 | — | 10 | 24 | 16 | 23 | 19 | 22 | 14 | 16 | 23 |
| | 21 | 15 | — | 12 | 25 | 16 | 21 | 15 | 21 | 21 | 16 | 24 |
| 14 | 20 | 19 | — | 10 | 24 | 15 | 23 | 20 | 23 | 15 | 16 | 24 |
| | 22 | 15 | — | 12 | 25 | 16 | 21 | 15 | 21 | 22 | 17 | 25 |
| 15 | 21 | 19 | — | 10 | 24 | 16 | 24 | 20 | 23 | 15 | 16 | 24 |
| | 22 | 15 | — | 12 | 25 | 17 | 22 | 17 | 20 | 22 | 17 | 26 |
| 16 | 21 | 20 | — | 11 | 24 | 16 | 24 | — | 22 | 15 | 17 | 24 |
| | 22 | 15 | — | 12 | 25 | 17 | 21 | — | 20 | 22 | 18 | 26 |
| 17 | 22 | 20 | — | 11 | 24 | 17 | 23 | — | 23 | 16 | 17 | 24 |
| | 24 | 15 | — | 12 | 25 | 18 | 21 | — | 21 | 24 | 18 | 26 |
| 18 | 21 | 20 | — | 11 | 24 | 17 | 24 | — | 23 | 16 | 17 | 24 |
| | 24 | 16 | — | 12 | 25 | 19 | 22 | — | 21 | 24 | 19 | 27 |

Série D. 4.

Tableau XI.

| | 23 D 29.VIII | 23 29.VIII | 23 30.VIII | 23 30.VIII | 23 30.VIII | 23 31.VIII | 23 31.VIII | 23 13.IX | 23 14.IX | 23 14.IX | 23 15.IX | 23 15.IX |
|--------------------|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|-------------|-------------|-------------|-------------|-------------|
| | L P+B | P+B | P+B | P+B | P+B | P+B | P+B | P+B | P+B | P+B | P+B | P+B |
| Ti | 17,1° | 17,0° | 16,7° | 17,2° | 17,5° | 16,4° | 16,5° | 16,6° | 17,1° | 17,6° | 16,7° | 17,3° |
| I ₂ -Ti | 1,7° | 1,6° | 1,9° | 1,9° | 1,5° | 2,0° | 1,8° | 2,2° | 1,8° | 2,2° | 1,4° | 1,5° |
| Ci | 15-15,0° | -42,5° | -30,0° | -55,0° | -15,0° | -20,0° | -30,0° | -47,5° | -5,0° | -32,5° | -35,0° | -45,0° |
| | 27-20,0° | -52,5° | -37,5° | -65,0° | -0,0° | -17,5° | -35,0° | -35,0° | -35,0° | -45,0° | -60,0° | -57,5° |
| t | Ct — Ci | | | | | | | | | | | |
| 1 | 2 | 3 | 3 | 0 | 0 | 4 | 0 | 2 | 4 | 5 | 3 | 0 |
| | 1 | 2 | 4 | 0 | 1 | 2 | 0 | 2 | 4 | 4 | 4 | 1 |
| 2 | 6 | 8 | 9 | 4 | 2 | 11 | 6 | 9 | 10 | 14 | 11 | 3 |
| | 6 | 7 | 10 | 2 | 2 | 8 | 6 | 8 | 10 | 10 | 10 | 5 |
| 3 | 10 | 10 | 15 | 6 | 4 | 14 | 11 | 13 | 11 | 17 | 14 | 7 |
| | 10 | 9 | 15 | 4 | 3 | 11 | 10 | 12 | 11 | 13 | 12 | 9 |
| 4 | 12 | 11 | 17 | 9 | 5 | 14 | 12 | 15 | 12 | 17 | 15 | 10 |
| | 13 | 10 | 17 | 5 | 4 | 11 | 11 | 14 | 12 | 14 | 14 | 13 |
| 5 | 14 | 13 | 17 | 9 | 6 | 14 | 12 | 16 | 12 | 17 | 15 | 12 |
| | 14 | 11 | 18 | 5 | 7 | 11 | 11 | 15 | 13 | 14 | 15 | 15 |
| 6 | 15 | 13 | 18 | 10 | 7 | 14 | 13 | 18 | 13 | 19 | 17 | 16 |
| | 15 | 12 | 19 | 6 | 7 | 11 | 12 | 17 | 13 | 16 | 16 | 17 |
| 7 | 14 | 14 | 19 | 12 | 7 | 15 | 14 | 19 | 14 | 20 | 19 | 15 |
| | 15 | 13 | 20 | 6 | 8 | 11 | 14 | 18 | 14 | 18 | 18 | 18 |
| 8 | 15 | 16 | 20 | 13 | 8 | 16 | 14 | 20 | 14 | 20 | 21 | 17 |
| | 16 | 15 | 21 | 6 | 8 | 11 | 14 | 20 | 14 | 19 | 19 | 19 |
| 9 | 15 | 17 | 20 | 14 | 9 | 17 | 14 | 21 | 15 | 21 | 23 | 18 |
| | 16 | 15 | 23 | 6 | 8 | 11 | 15 | 21 | 15 | 19 | 21 | 20 |
| 10 | 16 | 17 | 21 | 14 | 9 | 17 | 15 | 23 | 16 | 21 | 24 | 19 |
| | 16 | 15 | 24 | 6 | 9 | 12 | 15 | 22 | 16 | 19 | 21 | 21 |
| 11 | 16 | 17 | 21 | 14 | 10 | 18 | 15 | 24 | 17 | 20 | 25 | 20 |
| | 17 | 16 | 24 | 6 | 9 | 12 | 16 | 23 | 16 | 19 | 22 | 22 |
| 12 | 16 | 17 | 21 | 15 | 10 | 17 | 15 | 24 | 17 | 20 | 25 | 21 |
| | 17 | 16 | 25 | 6 | 9 | 12 | 16 | 23 | 16 | 18 | 24 | 22 |
| 13 | — | 17 | 22 | 15 | 11 | 17 | 16 | 25 | 16 | 20 | 24 | 21 |
| | — | 16 | 26 | 6 | 10 | 11 | 16 | 24 | 17 | 18 | 24 | 22 |
| 14 | — | 16 | 22 | 15 | 11 | 17 | 16 | 25 | 15 | 19 | 24 | 22 |
| | — | 16 | 26 | 6 | 11 | 11 | 16 | 24 | 17 | 16 | 23 | 23 |
| 15 | — | 16 | 23 | 14 | 11 | 17 | 16 | 25 | 16 | 19 | 23 | 22 |
| | — | 15 | 26 | 6 | 11 | 11 | 16 | 23 | 17 | 15 | 22 | 24 |
| 16 | — | 16 | 23 | — | — | — | 15 | 24 | 14 | 19 | 22 | 22 |
| | — | 15 | 27 | — | — | — | 16 | 23 | 16 | 15 | 21 | 24 |
| 17 | — | 15 | 24 | — | — | — | 15 | 24 | 13 | 19 | 21 | 22 |
| | — | 15 | 27 | — | — | — | 15 | 23 | 15 | 15 | 20 | 25 |
| 18 | — | 16 | 24 | — | — | — | 15 | 23 | 12 | 19 | 21 | 23 |
| | — | 15 | 27 | — | — | — | 16 | 21 | 14 | 15 | 19 | 25 |

Tableaux XII et XIII.

D, Ti, T₂-Ti, Ci, Ct, comme précédemment.

I Indications relatives au début de l'observation.

II Indications relatives au début de la deuxième partie de l'observation après un intervalle d'obscurité et retournement de la feuille.

0, durée en minutes de l'intervalle d'obscurité.

Tableau XII.

Série C. 1.

| | 23 24.IX | 23 26.IX | 23 1.X | 23 1.X | |
|------|--------------------|-------------|-----------|-----------|--------|
| I { | Ti | 15,6° | 15,2° | 15,3° | 15,4° |
| | T ₂ -Ti | 0,2° | 0,3° | 0,5° | 0,5° |
| | Ci { 1 | -65,0° | -50,0° | -77,5° | -70,0° |
| | 2 | -80,0° | -30,0° | -72,5° | -70,0° |
| O | — | 50 | 45 | 25 | |
| II { | Ti | — | 15,0° | 15,7° | 16,0° |
| | T ₂ -Ti | — | 0,5° | 0,3° | 0,2° |
| | Ci { 1 | — | -30,0° | -77,5° | -70,0° |
| | 2 | — | -17,5° | -75,0° | -55,0° |

| t | Ct — Ci | | | |
|-----|---------|---|---|---|
| 1 { | 0 | 2 | 3 | 4 |
| | 0 | 1 | 2 | 4 |
| 2 { | 0 | 3 | 2 | 3 |
| | 2 | 1 | 1 | 3 |
| 3 { | 1 | 2 | 3 | 2 |
| | 2 | 0 | 1 | 4 |
| 4 { | 1 | 3 | 3 | 5 |
| | 4 | 1 | 3 | 6 |
| 5 { | 2 | 4 | 4 | 6 |
| | 5 | 1 | 3 | 6 |
| 6 { | 2 | 4 | 5 | 6 |
| | 6 | 1 | 4 | 6 |
| 7 { | 2 | 4 | 5 | 6 |
| | 7 | 2 | 5 | 6 |
| 8 { | 3 | 5 | 6 | 6 |
| | 7 | 2 | 5 | 6 |
| 9 { | 2 | 6 | 6 | 6 |
| | 7 | 2 | 4 | 6 |

Tableau XII (suite).

| | | | | | |
|----|---|---|----|----|----|
| 1 | } | — | 0 | 1 | 2 |
| | } | — | 1 | 2 | 3 |
| 2 | } | — | 3 | 3 | 9 |
| | } | — | 1 | 6 | 7 |
| 3 | } | — | 5 | 6 | 11 |
| | } | — | 1 | 12 | 10 |
| 4 | } | — | 6 | 7 | 10 |
| | } | — | 2 | 12 | 8 |
| 5 | } | — | 7 | 7 | 5 |
| | } | — | 2 | 12 | 7 |
| 6 | } | — | 6 | 6 | 8 |
| | } | — | 1 | 10 | 6 |
| 7 | } | — | 6 | 5 | 8 |
| | } | — | 0 | 9 | 6 |
| 8 | } | — | 5 | 6 | 8 |
| II | } | — | -1 | 10 | 6 |
| 9 | } | — | 5 | 7 | 9 |
| | } | — | -1 | 12 | 7 |
| 10 | } | — | 4 | 9 | 10 |
| | } | — | -1 | 12 | 8 |
| 11 | } | — | 4 | 11 | 10 |
| | } | — | -2 | 11 | 8 |
| 12 | } | — | 4 | 13 | 10 |
| | } | — | -2 | 16 | 8 |
| 13 | } | — | — | 17 | — |
| | } | — | — | 18 | — |
| 14 | } | — | — | 19 | — |
| | } | — | — | 20 | — |
| 15 | } | — | — | 20 | — |
| | } | — | — | 20 | — |

Tableau XIII.

Série C. 2.

| D | 23 2.X | 23 2.X | 23 5.X | 23 5.X | 23 6.X | 23 6.X | 23 9.X | 23 9.X | 23 10.X | 23 10.X | 23 12.X | 23 15.X | 23 16.X | 23 17.X |
|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------|------------|------------|------------|------------|
| T | 15,7° | 15,4° | 13,4° | 13,4° | 12,6° | 13,1° | 12,8° | 13,6° | 13,6° | 14,2° | 13,5° | 12,6° | 15,0° | 15,4° |
| T ₂ -II | 0,8° | 0,8° | 1,0° | 0,4° | 1,0° | 0,8° | 0,8° | 0,7° | 0,8° | 0,5° | 0,5° | 0,5° | 0,6° | 1,0° |
| Ci ₁ | -60,0° | -72,5° | -70,0° | -67,5° | -82,5° | -75,0° | -60,0° | -75,0° | -67,5° | -67,5° | -65,0° | -67,5° | -77,5° | -75,0° |
| Ci ₂ | -70,0° | -75,0° | -70,0° | -77,5° | -92,5° | -75,0° | -82,5° | -72,5° | -67,5° | -77,5° | -62,5° | -72,5° | -85,0° | -65,0° |
| O | 35 | 30 | 55 | 15 | 30 | 45 | 45 | 35 | 20 | 45 | 35 | — | — | 55 |
| Ti | 16,2° | 15,8° | 14,3° | 13,1° | 13,0° | 12,8° | 13,2° | 13,5° | 14,1° | 14,0° | 13,5° | — | — | 15,8° |
| T ₂ -II | 0,3° | 0,6° | -0,1° | 0,7° | 0,8° | 0,8° | 0,7° | 0,6° | 0,4° | 0,7° | 0,8° | — | — | 1,3° |
| Ci ₁ | -55,0° | -72,5° | -77,5° | -77,5° | -80,0° | -67,5° | -62,5° | -70,0° | -65,0° | -47,5° | -60,0° | — | — | -75,0° |
| Ci ₂ | -55,0° | -60,0° | -62,5° | -67,5° | -82,5° | -75,0° | -60,0° | -75,0° | -62,5° | -72,5° | -55,0° | — | — | -60,0° |

t Ct — Ci

| | | | | | | | | | | | | | | | |
|----|---|---|---|---|---|----|---|---|---|----|----|----|----|---|----|
| I | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 2 | 0 | 2 | 1 | 0 | 0 | 0 |
| | | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 |
| | 2 | 1 | 1 | 2 | 0 | 2 | 0 | 1 | 2 | 0 | 2 | -1 | 0 | 2 | 0 |
| | | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | -1 | 0 | 1 | 0 |
| | 3 | 1 | 2 | 3 | 0 | 2 | 0 | 1 | 2 | 0 | 2 | -1 | 0 | 3 | -1 |
| | | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | -1 | -1 | 2 | 0 |
| | 4 | 2 | 2 | 4 | 0 | 3 | 0 | 2 | 3 | 1 | 3 | — | 2 | 3 | 1 |
| | | 0 | 2 | 2 | 0 | 1 | 2 | 1 | 2 | 1 | 2 | — | 0 | 3 | 1 |
| | 5 | 3 | 3 | 5 | 0 | 3 | 1 | 3 | 4 | 2 | 5 | — | 3 | 4 | 3 |
| | | 2 | 4 | 3 | 0 | 1 | 3 | 1 | 3 | 2 | 4 | — | 2 | 3 | 3 |
| | 6 | 4 | 3 | 6 | 0 | 3 | 1 | 3 | 4 | 3 | 5 | 1 | 5 | 5 | 4 |
| | | 2 | 4 | 3 | 1 | 1 | 4 | 2 | 4 | 2 | 5 | 3 | 3 | 4 | 4 |
| | 7 | 4 | 3 | 6 | 1 | 3 | 2 | 3 | 4 | 3 | 5 | 2 | 6 | 5 | 4 |
| | | 2 | 4 | 4 | 1 | 2 | 5 | 2 | 4 | 3 | 5 | 3 | 4 | 4 | 5 |
| | 8 | 4 | 3 | 6 | 1 | 3 | 2 | 3 | 4 | 3 | 7 | 2 | 6 | 5 | 5 |
| | | 4 | 4 | 5 | 1 | 3 | 5 | 2 | 5 | 3 | 6 | 3 | 4 | 5 | 5 |
| 9 | 4 | 3 | 6 | 1 | 3 | 1 | 3 | 4 | 3 | 8 | 2 | 6 | 5 | 5 | |
| | 4 | 4 | 5 | 1 | 3 | 5 | 2 | 5 | 3 | 6 | 3 | 4 | 6 | 5 | |
| II | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | -1 | — | — | 0 |
| | | 2 | 1 | 2 | 1 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | — | — | 1 |
| | 2 | 2 | 2 | 3 | 0 | 4 | 1 | 1 | 0 | 2 | -1 | -1 | — | — | 4 |
| | | 3 | 2 | 3 | 2 | 6 | 1 | 1 | 2 | 1 | 0 | 2 | — | — | 3 |
| | 3 | 3 | 3 | 5 | 1 | 6 | 4 | 3 | 2 | 4 | 1 | 2 | — | — | 7 |
| | | 6 | 6 | 5 | 5 | 8 | 5 | 2 | 4 | 4 | 3 | 5 | — | — | 6 |
| | 4 | 4 | 4 | 7 | 3 | 7 | 5 | 4 | 4 | 8 | 3 | 5 | — | — | 8 |
| | | 9 | 8 | 5 | 6 | 10 | 6 | 4 | 6 | 7 | 7 | 9 | — | — | 7 |
| | 5 | 6 | 4 | 8 | 4 | 6 | 5 | 3 | 5 | 10 | 5 | 5 | — | — | 8 |
| | | 9 | 8 | 5 | 6 | 11 | 5 | 4 | 7 | 8 | 9 | 9 | — | — | 7 |
| | 6 | 4 | 3 | 7 | 4 | 6 | 5 | 2 | 6 | 10 | 5 | 5 | — | — | 8 |
| | | 9 | 6 | 4 | 6 | 11 | 5 | 2 | 8 | 7 | 10 | 8 | — | — | 8 |

| | | | | | | | | | | | | | | | |
|----|----|----------------|----|----|----|----|----|---|---|----|----|---|---|---|----|
| II | 7 | 4 | 3 | 6 | 4 | 6 | 4 | 1 | 5 | 9 | 5 | 4 | — | — | 8 |
| | | 9 ¹ | 5 | 4 | 6 | 11 | 4 | 1 | 7 | 6 | 10 | 8 | — | — | 8 |
| | 8 | — | 3 | 6 | 4 | 6 | 3 | 1 | 5 | 8 | 4 | 2 | — | — | 8 |
| | | — | 5 | 3 | 5 | 12 | 4 | 2 | 7 | 6 | 9 | 6 | — | — | 8 |
| | 9 | — | 3 | 5 | 3 | 7 | 2 | 2 | 5 | 8 | 4 | 2 | — | — | 9 |
| | | — | 4 | 3 | 5 | 12 | 4 | 2 | 6 | 5 | 9 | 6 | — | — | 8 |
| | 10 | — | 3 | 5 | 4 | 7 | 2 | 2 | 6 | 7 | 5 | 2 | — | — | 10 |
| | | — | 5 | 4 | 5 | 13 | 3 | 2 | 8 | 5 | 9 | 6 | — | — | 9 |
| | 11 | — | 4 | 6 | 4 | 7 | 4 | 2 | 6 | 7 | 5 | 1 | — | — | 10 |
| | | — | 6 | 4 | 6 | 14 | 4 | 2 | 8 | 5 | 10 | 6 | — | — | 10 |
| | 12 | — | 5 | 7 | 4 | 8 | 5 | 2 | 6 | 6 | 5 | 1 | — | — | 10 |
| | | — | 7 | 4 | 6 | 14 | 4 | 2 | 8 | 5 | 11 | 7 | — | — | 10 |
| | 13 | — | 7 | 9 | 5 | 8 | 5 | 3 | 6 | 6 | 5 | 1 | — | — | 10 |
| | | — | 8 | 6 | 6 | 16 | 6 | 3 | 8 | 5 | 12 | 7 | — | — | 11 |
| | 14 | — | 9 | 9 | 5 | 10 | 7 | 3 | 6 | 6 | 6 | 1 | — | — | 10 |
| | | — | 10 | 8 | 7 | 17 | 7 | 3 | 8 | 5 | 13 | 8 | — | — | 11 |
| | 15 | — | 9 | 11 | 5 | 10 | 9 | 3 | 6 | 6 | 7 | 2 | — | — | 10 |
| | | — | 10 | 9 | 7 | 18 | 9 | 4 | 8 | 5 | 13 | 8 | — | — | 11 |
| | 16 | — | 11 | 13 | 6 | 10 | 10 | 3 | 6 | 7 | 7 | 2 | — | — | — |
| | | — | 11 | 11 | 8 | 19 | 11 | 4 | 8 | 5 | 14 | 9 | — | — | — |
| 17 | — | 11 | 13 | 6 | 11 | 11 | 3 | — | 7 | 8 | 2 | — | — | — | |
| | — | 11 | 11 | 9 | 20 | 11 | 5 | — | 5 | 15 | 9 | — | — | — | |
| 18 | — | 11 | — | 7 | 12 | 11 | 3 | — | 7 | 9 | 3 | — | — | — | |
| | — | 11 | — | 9 | 20 | 12 | 4 | — | 5 | 15 | 10 | — | — | — | |
| 19 | — | — | — | 7 | 13 | 12 | — | — | — | 9 | 3 | — | — | — | |
| | — | — | — | 9 | 21 | 12 | — | — | — | 16 | 10 | — | — | — | |
| 20 | — | — | — | 7 | 13 | 13 | — | — | — | 10 | 4 | — | — | — | |
| | — | — | — | 9 | 21 | 13 | — | — | — | 17 | 11 | — | — | — | |

¹ Nous n'avons pas tenu compte de cette observation trop brève dans le calcul de la moyenne. Dans les séries B et D, en pareil cas, nous avons répété la dernière valeur observée.