

# スケーリング

|                     |           |
|---------------------|-----------|
| Johann Georg Grober | Innsbruck |
| 415.0 Hz            |           |

|           |      |
|-----------|------|
| r(レッドプラス) | 8769 |
| b(プラス)    | 8536 |
| i(アイアン)   | 7769 |

| Date    | Owner                       | Catalogue number | Reference |
|---------|-----------------------------|------------------|-----------|
| c. 1820 | GERMANISCHES NATIONALMUSEUM | MIR 1114         |           |

| 音名 | 振動数 (v) | L (mm) | Material | Diam. (mm) | 線密度  | T (kg / 重) | A.P. (mm) | A.P.(%) | Cord | S of T | 音名 |
|----|---------|--------|----------|------------|------|------------|-----------|---------|------|--------|----|
| CC | 30.85   |        |          |            |      |            |           |         |      |        | CC |
| FF | 41.17   | 1726.0 | b        | 1.18       | 8536 | 19.24      |           |         | 2    | 38.5   | FF |
| C  | 61.69   | 1577.0 | b        | 0.91       | 8536 | 21.45      |           |         | 2    | 42.9   | C  |
| F  | 82.35   | 1348.0 | b        | 0.75       | 8536 | 18.97      |           |         | 2    | 37.9   | F  |
| c  | 123.38  | 1045.0 | i        | 0.69       | 7769 | 19.71      |           |         | 2    | 39.4   | c  |
| f  | 164.69  | 823.0  | i        | 0.69       | 7769 | 21.78      |           |         | 2    | 43.6   | f  |
| 1c | 246.76  | 550.0  | i        | 0.62       | 7769 | 17.63      |           |         | 2    | 35.3   | 1c |
| 1f | 329.39  | 401.0  | i        |            | 7769 |            |           |         | 3    |        | 1f |
| 2c | 493.52  | 272.0  | i        |            | 7769 |            |           |         | 3    |        | 2c |
| 2f | 658.77  | 207.0  | i        |            | 7769 |            |           |         | 3    |        | 2f |
| 3c | 987.04  | 142.0  | i        |            | 7769 |            |           |         | 3    |        | 3c |
| 3f | 1317.54 | 108.0  | i        |            | 7769 |            |           |         | 3    |        | 3f |
| 4c | 1974.08 | 75.0   | i        |            | 7769 |            |           |         | 3    |        | 4c |
| 4f | 2635.09 | 57.0   | i        |            | 7769 |            |           |         |      |        | 4f |

