

## LIST OF SURVIVING TRIPLE-FRETTED CLAVICHORDS

### *Definition*

For the purpose of this list, a *triple-fretted* clavichord is one in which, for part of the compass, groups of three adjacent notes (but no more) are obtained from the same course of strings. Some surviving clavichords of early date have groups of three, four, and even five notes obtained from a single course: these are *multiple-fretted* clavichords, and are not included in this list (see the separate document [www.peter-bavington.co.uk/multiple-fretted.htm](http://www.peter-bavington.co.uk/multiple-fretted.htm)).

Nearly 50 triple-fretted clavichords are known to have survived. Most were probably made in the second half of the seventeenth century; by 1700, the type was probably obsolete, though a few examples survive from as late as the 1750s. Maria Boxall has argued<sup>1</sup> that the triple-fretted type seems to have been a speciality of the South-German region, and it is true that a large proportion of the surviving examples seem to come from this area (roughly speaking South Bavaria, South Austria, and the German-speaking regions of Switzerland).

### *The standard Pattern*

Working upwards from the bass, the usual pattern is to begin with a number of fret-free notes, then a few courses with two notes per course, and then triple-fretting to the top of the compass. In the great majority of cases (well over 80% the surviving examples) the pattern in the triple-fretted section is as follows in each octave:

B–C–C# | D–E $\flat$ –E | F–F#–G | G#–A–B $\flat$

I shall refer to this as the standard pattern. Standard-pattern triple-fretting may start at *d*, *b* or *d*<sup>1</sup>. A significant group of nineteen instruments, however, varies this by beginning the triple fretting with a group of three starting at note *a*, followed by a two-note fretted course, then continuing in the standard pattern, thus:

*a*–*b* $\flat$ –*b* | *c*<sup>1</sup>–*c*#<sup>1</sup> | *d*<sup>1</sup>–*e* $\flat$ <sup>1</sup>–*e*<sup>1</sup> | *f*<sup>1</sup>–*f*#<sup>1</sup>–*g*<sup>1</sup> | *g*#<sup>1</sup>–*a*<sup>1</sup>–*b* $\flat$ <sup>1</sup> | *b*<sup>1</sup>–*c*<sup>2</sup>–*c*#<sup>2</sup> (etc.).

It may be significant that many clavichords in this group (Group II in the table below) seem to come from the German-speaking cantons of Switzerland.

Only a handful of clavichords have survived with triple-fretting that lies quite outside the standard pattern: in these cases, the complete fretting (where known) is given in the list.

### *Triple-fretted in the top octave only*

A few clavichords have survived which have one or two triple-fretted courses in the top octave but are otherwise diatonically fretted. It is questionable whether these can really be described as ‘triple-fretted’: they do not have the standard pattern, and are essentially diatonically fretted clavichords with one or two anomalous courses in the high treble. Nonetheless, they are included here for the sake of completeness (Group VI).

---

<sup>1</sup> Maria Boxall, ‘The Origins and Evolution of Diatonic Fretting in Clavichords’, *Galpin Society Journal* LIV (2001), pp. 143–99, especially pp. 174–8.

## List of triple fretted clavichords

The clavichords are listed here in seven groups according to the lowest triple-fretted course; any pairwise-fretted courses below this are ignored. A number is given to each clavichord: this is purely for the sake of identification and has no other significance. 'BMO' refers to the identifying number of the record in the internet resource Boalch-Mould Online ([www.boalch.org](http://www.boalch.org)). The names of owners and sources of information are given in abbreviated form; fuller details are given in the notes below the table. Most dates and places of origin, especially of unsigned instruments, are not known with certainty: in this case the data given here are based on estimates by the owner or by me.

There are bound to be omissions from this list: please let me know if you spot any (peter.bavington<at>ntlworld.com)

Updated August 2026

[illegible]

| Group II: triple-fretting starts $a-b\flat-b \mid c^{\flat}-c\sharp^{\flat} \mid d^{\flat}-e\flat^{\flat}-e^{\flat}$ |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |             |                   |           |      |     |                                                         |                                                                |
|----------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------------|-----------|------|-----|---------------------------------------------------------|----------------------------------------------------------------|
| 13                                                                                                                   | Unsigned                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ?1715       | ?Germany          | $C/E-c^3$ | 2475 | yes | Nuremberg GNM <sup>7</sup> MINE 56                      | Kares <sup>8</sup>                                             |
| 14                                                                                                                   | Unsigned                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ?17C        | ?Germany          | $C/E-c^3$ | 789  | yes | Edinburgh MIMEd <sup>17</sup> 4321                      | Martin/BCSN9 <sup>18</sup>                                     |
| 15                                                                                                                   | Unsigned                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ?1709       | Switzerland       | $C/E-c^3$ | 2506 | yes | Zurich Design Museum <sup>19</sup><br>KGS-1963-0060-201 | Boxall <sup>20</sup>                                           |
| 16                                                                                                                   | Unsigned                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 17C         | Germany           | $C/E-c^3$ | 2476 | yes | Leipzig <sup>3</sup> 6                                  | Henkel Leipzig <sup>4</sup>                                    |
| 17                                                                                                                   | Johann Adam Türig                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1680        | Switzerland       | $C/E-c^3$ | 1988 | yes | Paul Simmonds                                           | Simmonds CI <sup>21</sup>                                      |
| 18                                                                                                                   | J. A. Türig                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1680–90     | Switzerland       | $C/E-c^3$ | 2243 | yes | Geneva <sup>22</sup> IM 177                             | Simmonds CI <sup>21</sup> ;<br>Museum fact-sheet <sup>22</sup> |
| 19                                                                                                                   | J. A. Türig (attr.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 17C         | Switzerland       | $C/E-c^3$ | 2135 | yes | Met. Mus. <sup>23</sup> 89.4.1215                       | Museum website <sup>23</sup>                                   |
| 20                                                                                                                   | Unsigned                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 17C         | ?Switzerland      | $C/E-c^3$ | 2517 | yes | Lucerne <sup>24</sup> 51                                | Joelson CI <sup>25</sup> No. 5                                 |
| 21                                                                                                                   | Unsigned                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 17C         | ?Switzerland      | $C/E-c^3$ |      | yes | Private owner                                           | Joelson CI <sup>25</sup> No. 6                                 |
| 22                                                                                                                   | Unsigned                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 17C         | ?Switzerland      | $C.D-c^3$ | 2534 | yes | Lucerne <sup>24</sup> 50                                | Joelson CI <sup>25</sup> No. 7                                 |
| 23                                                                                                                   | Unsigned                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 17C         | ?Switzerland      | $C/E-c^3$ |      | yes | Whereabouts unknown                                     | Joelson CI <sup>25</sup> No. 9                                 |
| 24                                                                                                                   | Unsigned                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 17C         | ?Switzerland      | $C/E-c^3$ |      | yes | Harry Joelson                                           | Joelson CI <sup>25</sup> No. 11                                |
| 25                                                                                                                   | Unsigned                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | before 1723 | ?Switzerland      | $C/E-c^3$ | 2533 | yes | Basel HM <sup>26</sup> 1879.103                         | T. Steiner <sup>27</sup>                                       |
| 26                                                                                                                   | Unsigned                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1700–25     | ?Switzerland      | $C-d^3$   | 2520 | yes | Pianofort'ino, Basle <sup>28</sup>                      | Website <sup>29</sup>                                          |
|                                                                                                                      | No. 26: This instrument reverts to pairwise fretting in the top octave, thus: $C-A$ fret-free; thence $B\flat-B \mid c-c\sharp \mid d \mid e\flat-e \mid f-f\sharp \mid g-g\sharp \mid a-b\flat-b \mid c^{\flat}-c\sharp^{\flat} \mid d^{\flat}-e\flat^{\flat}-e^{\flat} \mid f^{\flat}-f\sharp^{\flat}-g^{\flat} \mid g\sharp^{\flat}-a^{\flat}-b\flat^{\flat} \mid b^{\flat}-c^{\flat}-c\sharp^{\flat} \mid d^{\flat}-e\flat^{\flat}-e^{\flat} \mid f^{\flat}-f\sharp^{\flat} \mid g^{\flat}-g\sharp^{\flat} \mid a^{\flat}-b\flat^{\flat} \mid b^{\flat}-c^{\flat} \mid c\sharp^{\flat}-d^{\flat}$ . |             |                   |           |      |     |                                                         |                                                                |
| 27                                                                                                                   | J. J. Amman                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1742        | Rankweil, Austria | $C/E-c^3$ | 2244 | yes | Zug <sup>30</sup> 3369                                  | Museum factsheet<br>and website <sup>31</sup>                  |
| 28                                                                                                                   | Unsigned                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1700–50     | ?Germany          | $C-c^3$   | 2539 | yes | Berlin <sup>32</sup> 2157                               | Restle-list <sup>33</sup>                                      |
| 28A                                                                                                                  | Unknown                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1700–50     | ?Germany          | $C-c^3$   | 2557 | yes | ex-Landowska: missing since<br>WW2                      | BMO record                                                     |
| 29                                                                                                                   | Unsigned                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ?17C        | ?South Germany    | $C/E-c^3$ | 2449 | yes | Gian Luca Illario, Italy                                | Bavington <sup>34</sup>                                        |
| 29A                                                                                                                  | Unsigned                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1700(?)     | ?Switzerland      | $C/E-c^3$ | 2530 | yes | Lucerne <sup>24</sup> 52                                | Joelson CI <sup>25</sup> No. 4                                 |
|                                                                                                                      | No. 29A: The present fretting from $d^2$ is as follows: $d^2 \mid e\flat^2-e^2-f^2-f\sharp^2 \mid g^2-g\sharp^2-a^2 \mid b\flat^2-b^2-c^3$ . It seems likely that this has been altered from the original scheme, which probably had the standard pattern to the top note.                                                                                                                                                                                                                                                                                                                              |             |                   |           |      |     |                                                         |                                                                |

| Group III: Triple-fretting starts $b-c^1-c\#^1$                                                                                                                                             |          |       |               |           |      |     |                                     |                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------|---------------|-----------|------|-----|-------------------------------------|--------------------------------|
| 30                                                                                                                                                                                          | Weidner  | 1697  | Augsburg      | $C/E-c^3$ | 2037 | yes | Zurich LM <sup>35</sup> 17.498      | Joelson CI <sup>25</sup> No. 1 |
| 31                                                                                                                                                                                          | Unsigned | 17C   | ?Flanders     | $C/E-c^3$ | 2497 | yes | Edinburgh MIMed <sup>17</sup> 4486  | Barnes drawing <sup>36</sup>   |
| 32                                                                                                                                                                                          | Unsigned | ?1730 | South Germany | $C.D-c^3$ |      | yes | <i>Collectors Guide</i> Oct 1962    | BCSN72 <sup>37</sup>           |
| 32A                                                                                                                                                                                         | Unsigned | ?1700 | South Germany | $C/E-c^3$ | 2540 | yes | Nuremberg GNM <sup>7</sup> MIR 1049 | Kares <sup>8</sup>             |
| No. 32A: This has a short and broken octave, with divided keys for $D/F\#$ and $E/G\#$ . The fretting has been reconstructed from the catalogue photo, and must be regarded as conjectural. |          |       |               |           |      |     |                                     |                                |

| Group IV: Triple-fretting starts at $d^1-e\flat^1-e^1$ |          |         |             |           |  |     |                             |                                 |
|--------------------------------------------------------|----------|---------|-------------|-----------|--|-----|-----------------------------|---------------------------------|
| 34                                                     | Unsigned | 1650–90 | Switzerland | $C/E-c^3$ |  | yes | Chur <sup>38</sup> XI 113   | SCS7(Neunhoeffer) <sup>39</sup> |
| 35                                                     | Unsigned | 1700    | Switzerland | $C/E-c^3$ |  | yes | Berne MH <sup>40</sup> 5896 | SCS7 (Brauchli) <sup>41</sup>   |

| Group V: Triple fretting starts above $d^1$ but below $c^2$                                                                                                                                                                                                                                                                                                                                                               |              |       |              |           |      |     |                                   |                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------|--------------|-----------|------|-----|-----------------------------------|--------------------------------|
| 36                                                                                                                                                                                                                                                                                                                                                                                                                        | Unsigned     | ?18C  | ?St Gall     | $C/E-c^3$ |      | yes | Basel HM <sup>26</sup> 1976.9     | Gutmann <sup>49</sup>          |
| 37                                                                                                                                                                                                                                                                                                                                                                                                                        | Franz König  | 1739  | Ingolstadt   | $C/E-c^3$ | 1113 | yes | Munich DM <sup>5</sup> 1908-16816 | Henkel DM <sup>6</sup>         |
| 38                                                                                                                                                                                                                                                                                                                                                                                                                        | Franz König? | 1759  | Ingolstadt   | $C/E-c^3$ | 1114 | yes | Brussels MIM 1618 <sup>11</sup>   | Mahillon, vol. 3 <sup>12</sup> |
| 39                                                                                                                                                                                                                                                                                                                                                                                                                        | Unsigned     | 17C   | Germany      | $C/E-c^3$ | 2472 | no  | Leipzig <sup>3</sup> 8            | Henkel Leipzig <sup>4</sup>    |
| No. 39: This instrument has a short and broken octave, with split keys for $D/F\#$ and $E/G\#$ . Fretting is as follows: $C/E$   $F-F\#$   $D$   $G-G\#$   $A$   $B\flat-B$   $c-c\#$   $d$   $e\flat-e$   $f-f\#$   $g-g\#$   $a$   $b\flat-b$   $c^1-c\#^1$   $d^1-e\flat^1$   $e^1-f^1-f\#^1$   $g^1-g\#^1-a^1$   $b\flat^1-b^1-c^2$   $c\#^2-d^2-e\flat^2$   $e^2-f^2-f\#^2$   $g^2-g\#^2-a^2$   $b\flat^2-b^2-c^3$ . |              |       |              |           |      |     |                                   |                                |
| 40                                                                                                                                                                                                                                                                                                                                                                                                                        | F. Kiedolps  | ?1751 | Schweinfurth | $C.D-e^3$ | 913  | yes | Smithsonian <sup>13</sup> 303.540 | EKJ10 <sup>42</sup>            |



|                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |         |            |           |      |     |                                        |                              |
|--------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------------|-----------|------|-----|----------------------------------------|------------------------------|
| Group VII (continued)                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |         |            |           |      |     |                                        |                              |
| Triple-fretting begins at $e^b-e-f$                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |         |            |           |      |     |                                        |                              |
| 43                                                                                                                 | Unsigned                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ?18C    | ?Germany   | $C-f^3$   | 2462 | no  | Yale University <sup>1</sup> 4940.1900 | Museum notes <sup>49</sup>   |
|                                                                                                                    | No.43: $C-d$ fret-free; thence as follows: $e^b-e-f \mid f^\sharp-g-g^\sharp \mid a-b^b-b \mid c^1-c^\sharp{}^1-d^1 \mid e^b{}^1-e^1-f^1 \mid f^\sharp{}^1-g^1-g^\sharp{}^1 \mid a^1-b^b{}^1-b^1 \mid c^2-c^\sharp{}^2-d^2 \mid e^b{}^2-e^2-f^2 \mid f^\sharp{}^2-g^2-g^\sharp{}^2 \mid a^2-b^b{}^2-b^2 \mid c^3-c^\sharp{}^3-d^3 \mid e^b{}^3-e^3-f^3$                                                                                                                                                                                          |         |            |           |      |     |                                        |                              |
| Triple-fretting begins at $f-f^\sharp-g$                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |         |            |           |      |     |                                        |                              |
| 44                                                                                                                 | Unsigned                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1720    | ?Germany   | $C/E-c^3$ |      | yes | Basel HM <sup>26</sup> 1956.553        | Gutmann <sup>50</sup>        |
| Triple-fretting starts $f-f^\sharp-g \mid g^\sharp-a \mid b^b-b \mid c^1-c^\sharp{}^1 \mid d^1-e^b{}^1-e^1$ (etc.) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |         |            |           |      |     |                                        |                              |
| 33                                                                                                                 | Unsigned                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1700    | ?Portugal  | $C/E-c^3$ |      | yes | Bernard Brauchli                       | Doderer/VDM <sup>51</sup>    |
| 45                                                                                                                 | Unsigned                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 17C     | ?Italy     | $C/E-c^3$ | 2253 | yes | Paris <sup>52</sup> E.2111             | Museum website <sup>53</sup> |
| Two triple-fretted courses, otherwise diatonically fretted                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |         |            |           |      |     |                                        |                              |
| 45A                                                                                                                | Unsigned                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | c. 1700 | ?Nuremberg | $C.D-c^3$ |      | no  | Berlin <sup>32</sup> 2160              | Hermert <sup>54</sup>        |
|                                                                                                                    | No. 45A: According to Andreas Hermert, the fretting on this instrument has been altered; the original fretting was as follows: Fret-free $C-A$ ; thence $B^b-B \mid c-c^\sharp \mid d \mid e^b-e \mid f-f^\sharp \mid g-g^\sharp \mid a-b^b-b \mid c^1-c^\sharp{}^1 \mid d^1 \mid e^b{}^1-e^1 \mid f^1-f^\sharp{}^1 \mid g-g^\sharp \mid a^1-b^b{}^1 \mid b^1-c^2-c^\sharp{}^2 \mid d^2 \mid e^b{}^2-e^2 \mid f^2-f^\sharp{}^2 \mid g^2-g^\sharp{}^2 \mid a^2-b^b{}^2 \mid b^2-c^3$ .                                                            |         |            |           |      |     |                                        |                              |
| Triple-fretting provides for divided D $\sharp$ /E $\flat$ keys                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |         |            |           |      |     |                                        |                              |
| 46                                                                                                                 | Unsigned                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ?       | ?          | $C/E-c^3$ | 2471 | no  | Munich DM <sup>5</sup> 1909-18165      | Henkel DM <sup>6</sup>       |
|                                                                                                                    | No. 46: This instrument has three split keys for D $\sharp$ and E $\flat$ . The fretting has been altered, but the original system can be deduced, as follows. Fret-free $C/E-B$ ; thence $c-c^\sharp \mid d \mid d^\sharp-e^b-e \mid f-f^\sharp \mid g-g^\sharp \mid a \mid b^b-b \mid c^1-c^\sharp{}^1 \mid d^1 \mid d^\sharp{}^1-e^b{}^1-e^1 \mid f^1-f^\sharp{}^1-g^1 \mid g^\sharp{}^1-a^1-b^b{}^1 \mid b^1-c^2-c^\sharp{}^2 \mid d^2 \mid d^\sharp{}^2-e^b{}^2-e^2 \mid f^2-f^\sharp{}^2-g^2 \mid g^\sharp{}^2-a^2-b^b{}^2 \mid b^2-c^3$ . |         |            |           |      |     |                                        |                              |

|                                             |          |         |          |           |  |   |                                                          |                                   |
|---------------------------------------------|----------|---------|----------|-----------|--|---|----------------------------------------------------------|-----------------------------------|
| Group VIII: Triple-fretted, details unknown |          |         |          |           |  |   |                                                          |                                   |
| 47                                          | Unsigned | c.1700  | ?Germany | $C/E-c^3$ |  | ? | Basel, private collection                                | Brauchli's SCS list <sup>55</sup> |
| 48                                          | Unsigned | 1700–50 | ?        | $C/E-c^3$ |  | ? | Zurich LM <sup>35</sup> 996: but Museum deny it is there | Brauchli's SCS list <sup>53</sup> |

## List of owners and sources

---

- <sup>1</sup> Morris Steinert Collection of Musical Instruments, Yale University, School of Music, New Haven CT USA.
- <sup>2</sup> Unpublished data sheet supplied by Yale University; also the collection website (<https://music.yale.edu/browse-collection/clavichord-49441960>; accessed March 2023).
- <sup>3</sup> Grassi Musikinstrumentenmuseum der Universität Leipzig, Germany.
- <sup>4</sup> Hubert Henkel, *Clavichorde, Musikinstrumentenmuseum der Karl-Marx-Universität Leipzig, Katalog* Vol. 4, Leipzig, VEB Deutscher Verlag für Musik, 1981.
- <sup>5</sup> Deutsches Museum, Munich, Germany.
- <sup>6</sup> Hubert Henkel, *Besaitete Tasteninstrumente* (Catalogue of stringed keyboard instruments in the Deutsches Museum, Munich), Frankfurt/Main, Verlag Erwin Bochinsky, 1994.
- <sup>7</sup> Germanisches Museum, Nuremberg, Germany.
- <sup>8</sup> Martin Kares, *Verzeichnis der Europäischen Musikinstrumente im Germanischen Nationalmuseum Nürnberg, Band 3, Klavichorde*, Wilhelmshaven, Florian Noetzel Verlag, 1999.
- <sup>9</sup> The Benton Fletcher Collection of Musical Instruments, Fenton House (National Trust), Hampstead, London, UK.
- <sup>10</sup> Peter Bavington, 'The Triple-Fretted Clavichord in the Benton Fletcher Collection: Observations and Recommendations', unpublished report addressed to the National Trust, 2015; also Peter Bavington, 'Clavichords in Britain No. 8: The Anonymous Triple-fretted Clavichord at Fenton House, London' in *British Clavichord Society Newsletter* No. 17 (June 2000).
- <sup>11</sup> Musée des Instruments de Musique/Muziek Instrumentenmuseum, Brussels, Belgium.
- <sup>12</sup> Victor-Charles Mahillon, *Catalogue Descriptif et Analytique du Musée Instrumentale (Historique et Technique) du Conservatoire Royal de Musique de Bruxelles*, Vol. 3, Ghent, 1900.
- <sup>13</sup> Smithsonian Institution, National Museum of American History, 1300 Constitution Avenue NW, Washington DC, USA.
- <sup>14</sup> Michael O'Brien, 'The Smithsonian Clavichords' in *Early Keyboard Journal*, Vol. 10 (1992).
- <sup>15</sup> Victoria & Albert Museum, Cromwell Road, London, SW7 2RL.
- <sup>16</sup> Howard Schott, *Victoria and Albert Museum, Catalogue of Musical Instruments: Vol. 1, Keyboard Instruments*, London, HMSO, 1985; also Peter Bavington, unpublished notes following an examination of the Peter Hicks clavichord on 14 September 2016.
- <sup>17</sup> St Cecilia's Hall Museum of Instruments, 50 Niddry Street, Edinburgh, EH1 1LG.
- <sup>18</sup> Darryl Martin, 'Clavichords in Britain No. 6: Anonymous Triple-fretted Clavichord in the Russell Collection, University of Edinburgh' in *British Clavichord Society Newsletter* No. 9 (October 1997).
- <sup>19</sup> Museum für Gestaltung (Design Museum), Zurich, Switzerland; formerly at the Museum Bellerive (now closed) in the same city.
- <sup>20</sup> Maria Boxall, private communication to Peter Bavington, 2010.
- <sup>21</sup> Paul Simmonds, 'Three Clavichords from the Workshop of Johann Adam Türig', *Clavichord International*, Vol. 23 No. 1 (May 2018).
- <sup>22</sup> Musée d'Art et d'Histoire, Geneva (fact-sheet supplied by Laurie Bischoff of the museum).
- <sup>23</sup> Metropolitan Museum of Art, New York NY, website (<https://www.metmuseum.org/art/collection/search/501784>; accessed March 2023).
- <sup>24</sup> House of Instruments, Lucerne-Kriens, Switzerland.
- <sup>25</sup> Harry Joelson, 'The Thirteen Clavichords of Henry Schumacher' in *Clavichord International*, Vol. 7 No. 1 (May 2003).
- <sup>26</sup> Historisches Museum, Basel, Switzerland
- <sup>27</sup> Thomas Steiner, private communication, based on examination of the instrument in the museum accompanied by Isabel Münzner. The fretting given in the following work is incorrect: Veronika Gutmann, 'Die Bestände der Musikinstrumenten-Sammlung des Historischen Museum Basel: Die besaiteten Tasteninstrumente. II. Tangentenklaviere und Kielklaviere', *Historisches Museum Basel: Jahresbericht 1996*, Basel, 1997.
- <sup>28</sup> Pianofortino Konzert-Galerie, Basel, Switzerland
- <sup>29</sup> <http://www.pianofortino.net/instruments> (accessed March 2023)
- <sup>30</sup> Museum Burg Zug, Kirchenstrasse 11, CH-6300, Zug, Switzerland

- 
- <sup>31</sup> <https://www.burgzug.ch/page/de/sammlung/sammlung-online/details?said=1026>.
- <sup>32</sup> Musikinstrumentenmuseum, Staatliches Institut für Musikforschung Preussischer Kulturbesitz, Ben-Gurion-Strasse 10785 Berlin.
- <sup>33</sup> Konstantin Restle, unpublished checklist of the clavichords in the Musikinstrumentenmuseum, Staatliches Institut für Musikforschung PK, Berlin, prepared April 1997 for members of the German Clavichord Society.
- <sup>34</sup> Peter Bavington, notes made on examining the instrument, May 2024
- <sup>35</sup> Landesmuseum, Zurich, Switzerland
- <sup>36</sup> John Barnes, technical drawing of the instrument, 1988; also museum website (<https://collections.ed.ac.uk/mimed/record/17226?highlight=clavichord>; accessed March 2023).
- <sup>37</sup> Peter Bavington, 'A Mystery Clavichord' in *British Clavichord Society Newsletter* No. 72 (October 2018).
- <sup>38</sup> Rätisches Museum, Hofstrasse 1, CH-7000 Chur, Switzerland.
- <sup>39</sup> Frieder Neunhoffer, 'Das Clavichord im Rätischen Museum, Chur' in *Bulletin de la Société Suisse du Clavicorde*, No. 7.
- <sup>40</sup> Musée d'Histoire de Berne, Helvetiapl. 5, CH-3005 Berne, Switzerland
- <sup>41</sup> Bernard Brauchli, 'Musique Historique de Berne: Un Clavicorde Anonyme de la Fin du 17eme ou Debut du 18eme Sciecle' in *Bulletin de la Société Suisse du Clavicorde* No. 7.
- <sup>42</sup> Michael O'Brien, 'The Smithsonian Clavichords', *Early Keyboard Journal*, Vol. 10 (1992), pp. 128–34.
- <sup>43</sup> Museu da Música, Lisbon, Portugal
- <sup>44</sup> Gerhard Doderer and John Henry Van Der Meer, *Cordofones de Tecla Portugueses di Século XVIII: Clavicórdios, Cravos, Pianofortes e Espinetas/Portuguese String Keyboard Instruments of the 18th Century: Clavichords, Harpsichords, Fortepianos and Spinets*, Lisbon Fundação Calouste Gulbenkian, 2005, pp. 248, 349–51.
- <sup>45</sup> Bachhaus Eisenach (<https://bachhaus.de/>; accessed September 2025)
- <sup>46</sup> Herbert Heyde, *Historische Musikinstrumente im Bachhaus Eisenach*, 1976; pp. 136–138.
- <sup>47</sup> Swedish Museum of Performing Arts (Scenkonstmuseet), Sibyllegatan 2, 103 26 Stockholm, Sweden.
- <sup>48</sup> Bernard Brauchli, *The Clavichord*, Cambridge University Press, 1998, p. 99.
- <sup>49</sup> Unpublished data sheet supplied by Yale University; also the collection website (<https://music.yale.edu/browse-collection/clavichord-49401900>; accessed March 2023).
- <sup>50</sup> Veronika Gutmann, 'Die Bestände der Musikinstrumenten-Sammlung des Historisches Museums Basel: Die besaiteten Tasteninstrumente. II. Tangentenklaviere und Kielklaviere', *Historisches Museum Basel: Jahresbericht 1996*, pp. 9, 12, 13.
- <sup>51</sup> Gerhard Doderer and John Henry Van Der Meer, *Cordofones de Tecla Portugueses di Século XVIII: Clavicórdios, Cravos, Pianofortes e Espinetas/Portuguese String Keyboard Instruments of the 18th Century: Clavichords, Harpsichords, Fortepianos and Spinets*, Lisbon Fundação Calouste Gulbenkian, 2005, pp. 245, 341–2.
- <sup>52</sup> Musée de la Musique, 221 avenue Jean-Jaurès, 75019 Paris.
- <sup>53</sup> <https://collectionsdumusee.philharmoniedeparis.fr/doc/MUSEE/0161358>; accessed March 2023.
- <sup>54</sup> Andreas Hermert, Note to a CD recording by Terence Charlston (Divine Art dda 25204, 2020); see also note 33.
- <sup>55</sup> Bernard Brauchli, 'Clavicordes Historiques en Suisse—Essai d'Inventaire' in *Bulletin de la Société Suisse du Clavicorde* No. 4 (May 1997), with addenda and corrigenda in No. 5 (October 1997) and additions in No. 7 (October 1998).