

(一) 許坤仲 (雙管)

♩ = 104

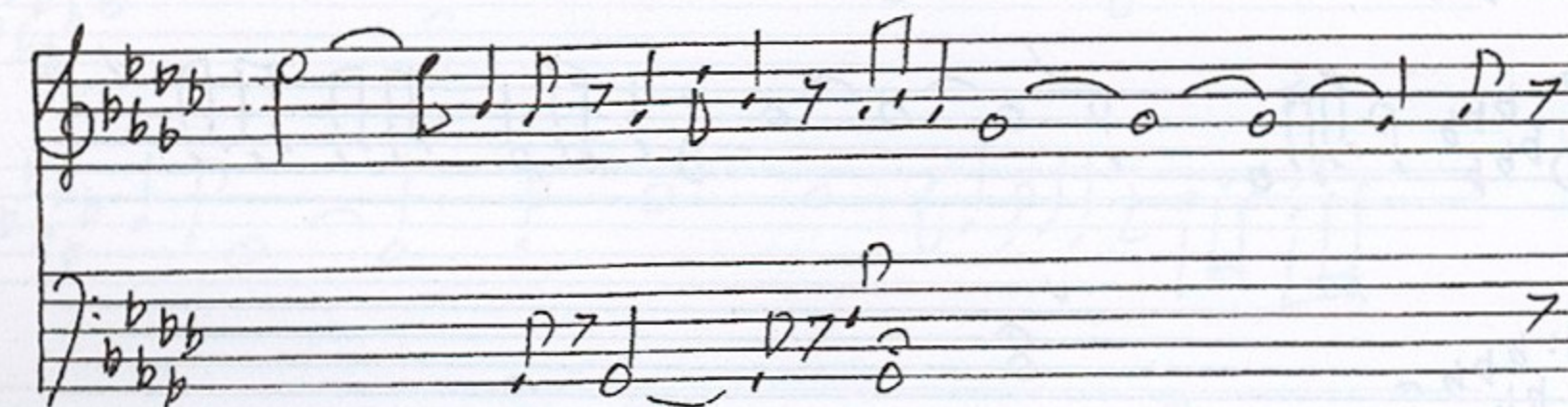
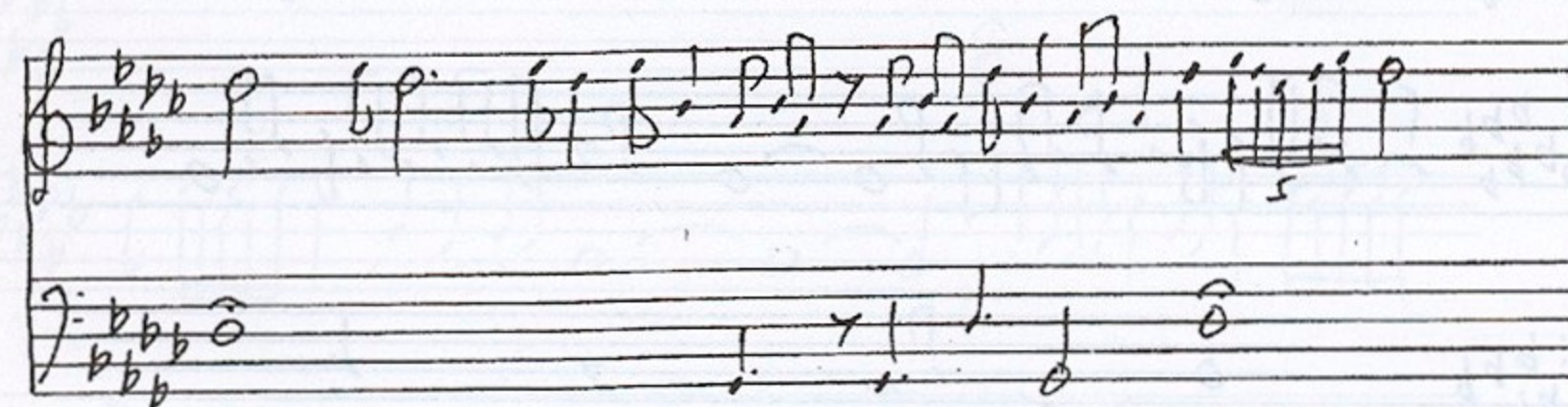
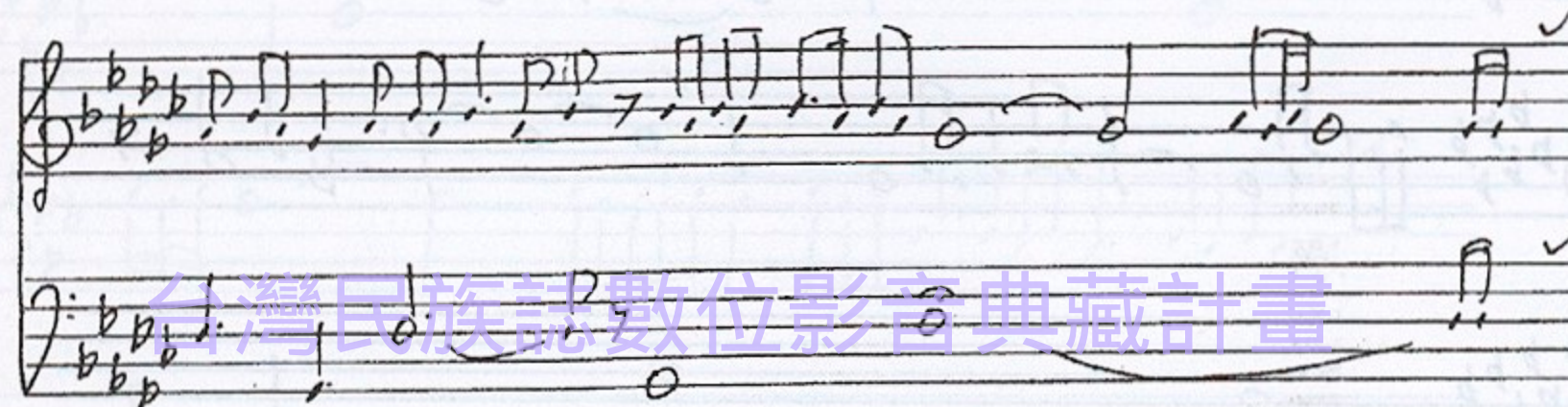
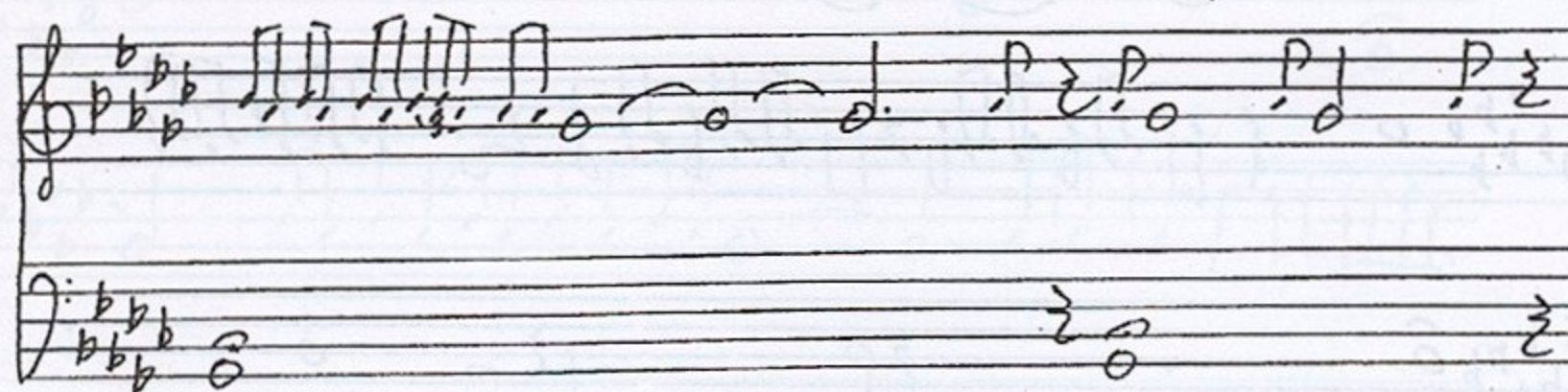
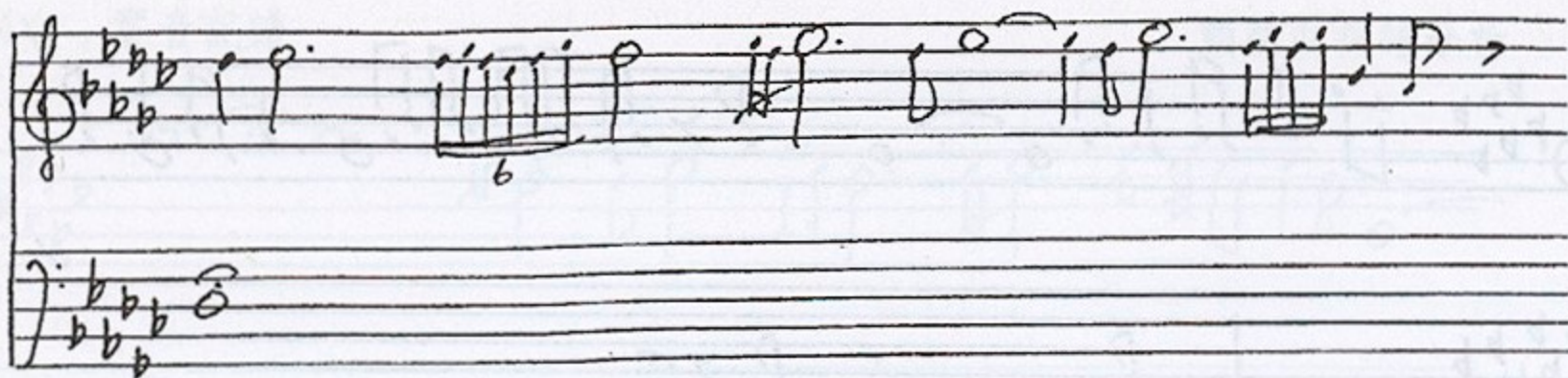
實音記譜

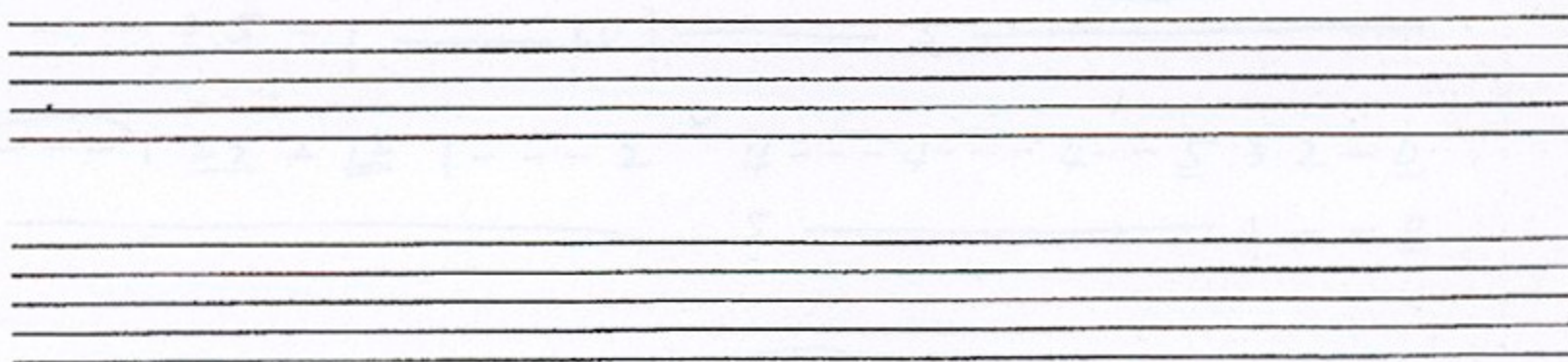
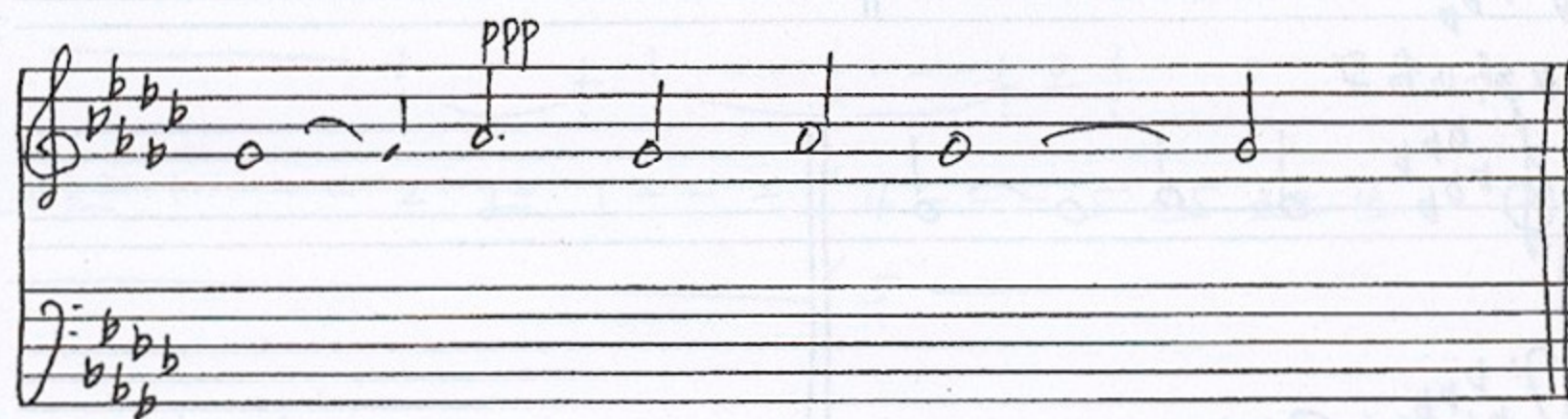
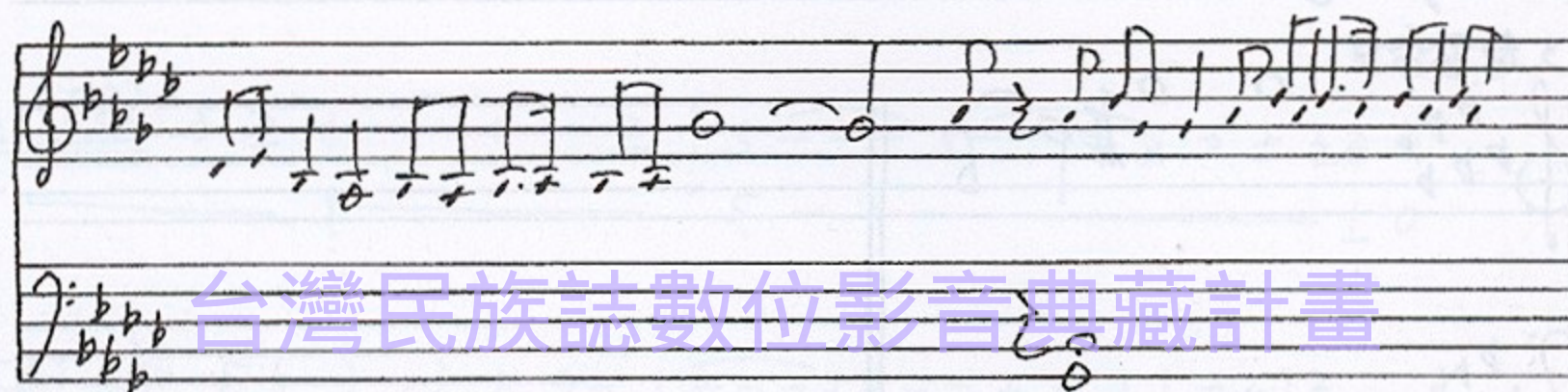
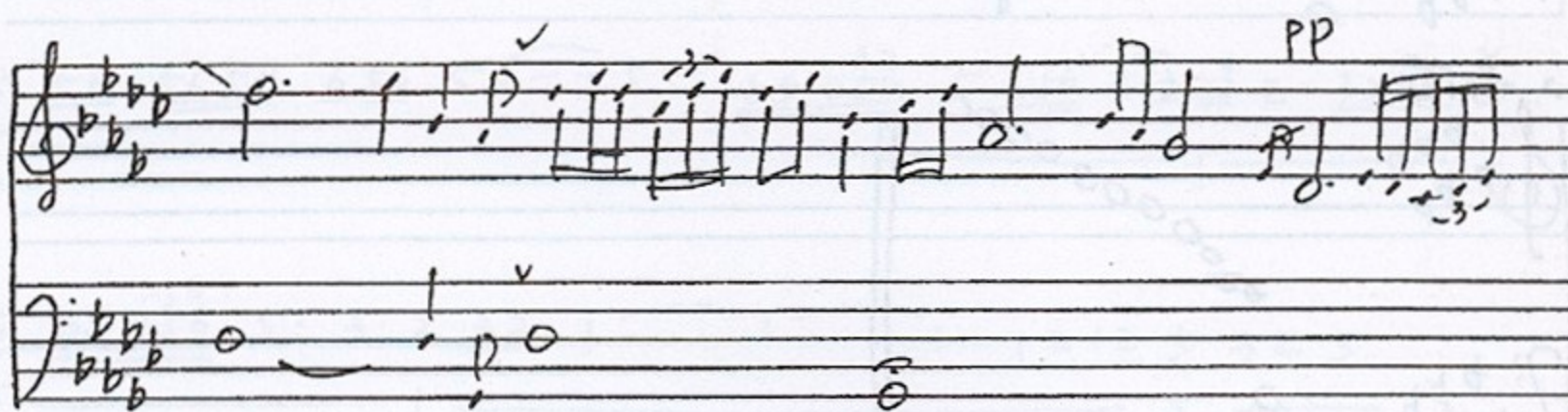
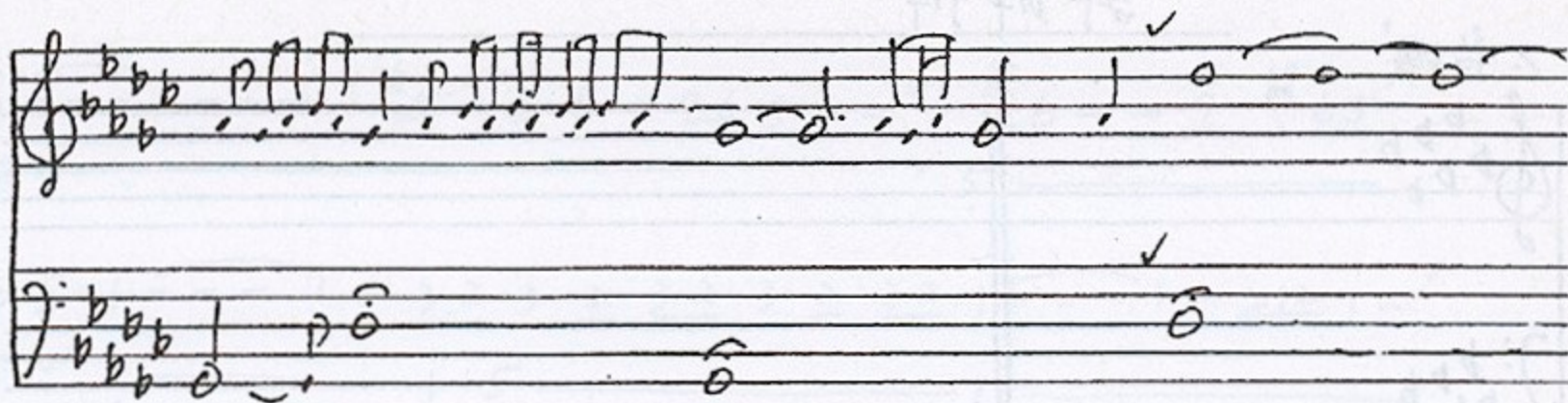
賴朝財採譜分析

The image displays a handwritten musical score for a double reed instrument, likely a suona. The score is organized into four systems, each consisting of two staves. The notation is written in a traditional style, featuring various musical symbols such as notes, rests, and accidentals. The key signature is indicated by three flats (B-flat, E-flat, and A-flat) on the first staff of each system. The tempo is marked as ♩ = 104. The score includes a variety of musical notations, including eighth notes, quarter notes, and half notes, as well as rests and accidentals. The notation is written in a fluid, handwritten style, characteristic of traditional Chinese musical notation. A large, semi-transparent watermark is overlaid across the center of the page, reading "台灣民族誌數位影音典藏計畫" (Taiwan Nationalism Digital Audio-Video Collection Project).

Handwritten musical score on ten staves, organized into five systems of two staves each. The notation is in a key with four flats (B-flat, E-flat, A-flat, D-flat) and a common time signature. The score includes various musical notations such as eighth notes, quarter notes, half notes, and rests, along with dynamic markings like 'p' (piano) and 'f' (forte). There are also some handwritten annotations, including checkmarks and the number '7'. A large, semi-transparent watermark is overlaid across the middle of the page.

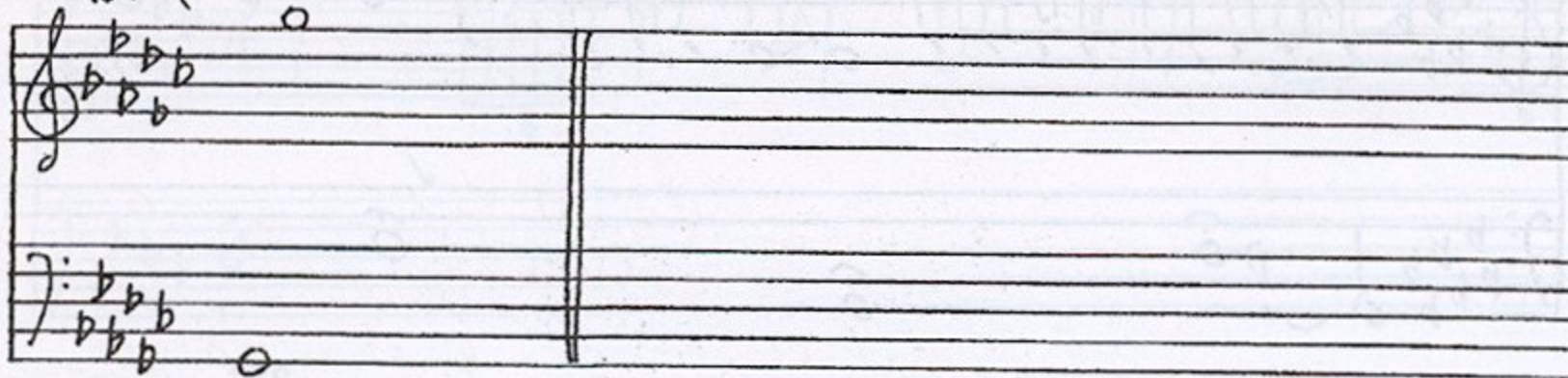
台灣民族誌數位影音典藏計畫



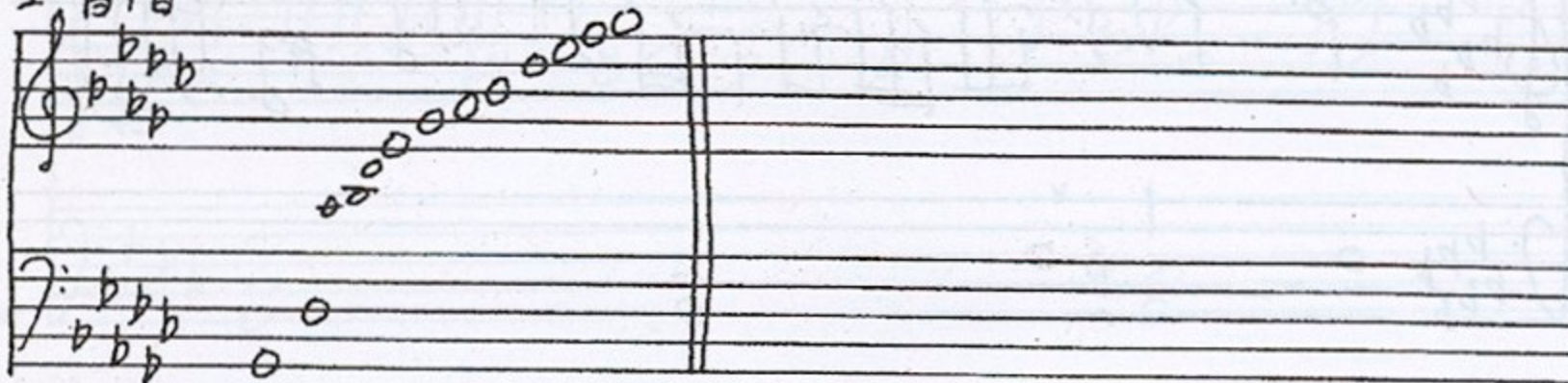


許坤仲

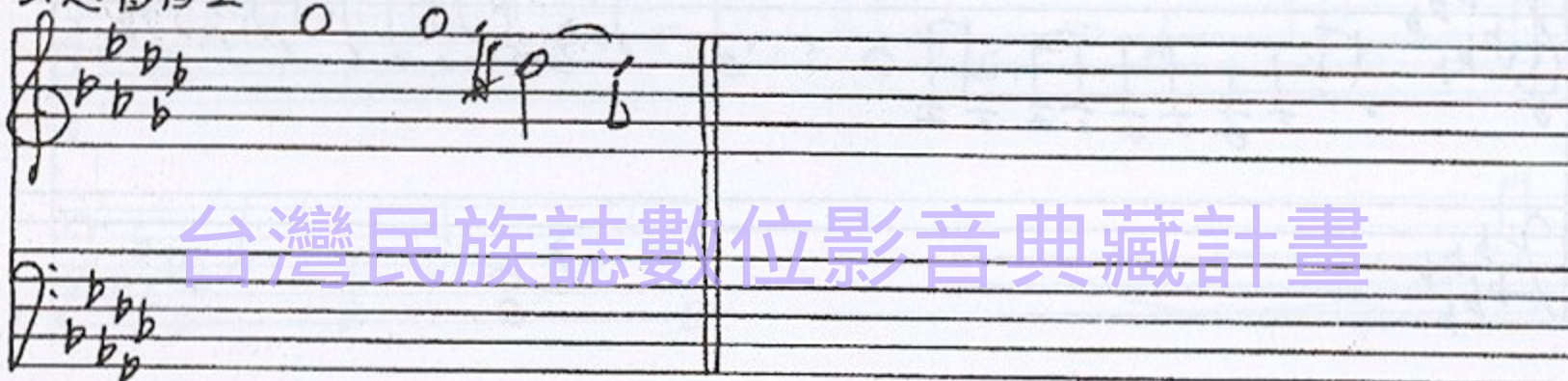
1. 音域



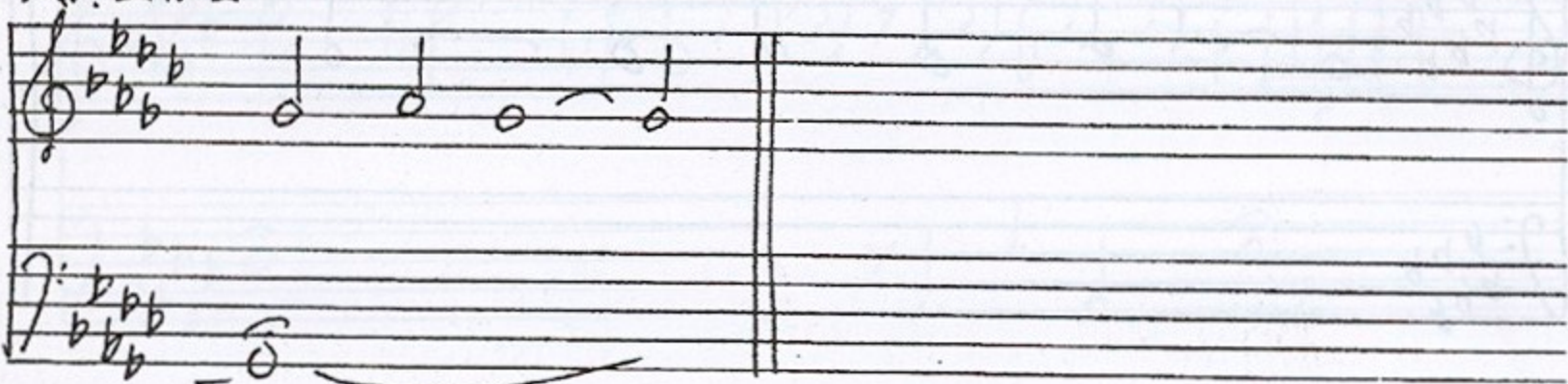
2. 音階



3. 起音音型



4. 終止音型



台灣民族誌數位影音典藏計畫

$\text{♩} = 104 \text{ in } G \text{ 寶音記譜}$ 許坤仲 (雙管口笛) (賴卿對採譜)

$\left\{ \begin{array}{l} \dot{1} - - - \dot{1} - - - \overset{\text{ib}}{\dot{5}} - \dot{5} \ 6 - \underline{\dot{2} \ 6} \ 5 - - \vee \overset{\text{65}}{6} - - \underline{\dot{2}} \overset{\text{67}}{6} \ 5 \\ \dot{5} - - - - - \vee \dot{5} - - - - - \end{array} \right.$

$\left\{ \begin{array}{l} 6 \ 5 \ 1 - - - 1 - \underline{\dot{3} \ 2} \ \dot{3} \cdot \underline{\dot{2}} \ \underline{\dot{3} \ 2} \ \dot{3} \cdot \underline{\dot{2}} \ \underline{\dot{3} \ 2} \ 1 - - - 1 - \underline{\dot{2} \ 1} \ \underline{\dot{2}} \ 1 \ 2 \vee \\ \dot{5} - \vdots - - - \vdots \dot{5} - - - \vdots - - - \vdots \end{array} \right.$

$\left\{ \begin{array}{l} \underline{\dot{5} \ 5} \underline{\dot{6}} \ \underline{\dot{5} \ 6} \underline{\dot{5} \ 4} \ \underline{\dot{6} \ 5} \underline{\dot{6}} \ 5 - - - 5 - \underline{\dot{6} \ 5} \overset{\text{43}}{\underline{\dot{4} \ 5} \overset{\text{6}}{\dot{6}}} \ 5 \underline{\dot{6} \ 5} \underline{\dot{6}} \ \underline{\dot{3} \ 2} \underline{\dot{3}} \ \underline{\dot{2}} \cdot \underline{\dot{3} \ 2} \underline{\dot{3} \ 2} \vee \\ \dot{5} - - - - - \vdots - - - - - \vdots \end{array} \right.$

$\left\{ \begin{array}{l} \underline{\dot{5}} \ \underline{\dot{6} \ 5} \overset{\text{43}}{\underline{\dot{4} \ 5} \overset{\text{6}}{\dot{6}}} \ 5 \cdot \underline{\dot{3}} \ \underline{\dot{2}} \ \underline{\dot{3} \ 2} \ 1 - - - 1 - - - 1 - \underline{\dot{2} \ 1} \underline{\dot{2}} \ 5 \underline{\dot{3} \ 2} \ 5 \\ \dot{5} - - - \vdots - - - - - \dot{5} - - - \end{array} \right.$

$\left\{ \begin{array}{l} \underline{\dot{6} \ 5} \overset{\text{43}}{\underline{\dot{4} \ 5} \overset{\text{6}}{\dot{6}}} \ \underline{\dot{3}} \ \underline{\dot{2}} \ 1 - - - 1 - - \underline{\dot{2}} \vee \underline{\dot{5}} - - - \underline{\dot{5}} - - - \underline{\dot{5}} \ \underline{\dot{3}} \ \underline{\dot{2}} \underline{\dot{3} \ 2} \ 0 \\ \dot{5} - - - \vdots - - - \vee \dot{5} - - - - - \vdots \end{array} \right.$

$\left\{ \begin{array}{l} \underline{\dot{5} \ 6} \underline{\dot{5}} \overset{\text{43}}{\underline{\dot{4} \ 5} \overset{\text{6}}{\dot{6}}} \ \underline{\dot{5}} \underline{\dot{6}} \ \underline{\dot{3}} \ \underline{\dot{2} \ 3} \ \underline{\dot{2}} \ \underline{\dot{3} \ 2} \ 1 - - - 1 - - - \underline{\dot{2}} \ 0 \underline{\dot{2}} \ 1 \underline{\dot{3} \ 2} \underline{\dot{2}} \\ \dot{5} - - - \vdots - - - \vdots - - - \vdots - - - \vdots \end{array} \right.$

$\left\{ \begin{array}{l} \underline{\dot{3} \ 2} \underline{\dot{3} \ 2} \ 1 - - - \underline{\dot{2}} \cdot \underline{\dot{1} \ 2} \ 1 - - \underline{\dot{2}} \vee \underline{\dot{4}} - - - \underline{\dot{5}} \underline{\dot{4} \ 5} \underline{\dot{3} \ 2} \underline{\dot{4}} \\ \vdots - - - - - \vee \dot{5} - - - - - \end{array} \right.$

$\left\{ \begin{array}{l} \underline{\dot{3} \ 2} \underline{\dot{3} \ 2} \underline{\dot{4} \ 0} \underline{\dot{4} \ 5} \underline{\dot{3} \ 2} \underline{\dot{3} \ 2} \underline{\dot{5} \ 3} \underline{\dot{2}} \ 1 - - 0 \ 1 - - - \underline{\dot{2} \ 3} \underline{\dot{2} \ 3} \underline{\dot{2} \ 4} \underline{\dot{3} \ 2} \underline{\dot{3} \ 2} \underline{\dot{5} \ 3} \underline{\dot{5}} \underline{\dot{3} \ 2} \\ \dot{5} - - \underline{\dot{0}} \underline{\dot{5}} - \vdots - - - \vdots \underline{\dot{0}} \vdots - - - \dot{5} - - - \end{array} \right.$

$\left\{ \begin{array}{l} 1 - - - 1 \underline{\dot{2} \ 3} \underline{\dot{2}} \underline{\dot{1} \ 2} \ 1 - - - \underline{\dot{2}} \vee \underline{\dot{4}} - - - \underline{\dot{4}} - - - \underline{\dot{4}} - - \underline{\dot{5}} \underline{\dot{3}} \underline{\dot{2}} - \underline{\dot{0}} \\ \vdots - - - - - \dot{5} - - - - - \vdots - - - \underline{\dot{0}} \end{array} \right.$

$\left\{ \begin{array}{l} \underline{\dot{2} \ 3} \underline{\dot{2} \ 4} \underline{\dot{3} \ 2} \underline{\dot{4}} \underline{\dot{5}} \underline{\dot{3}} \underline{\dot{2}} \underline{\dot{3} \ 2} \underline{\dot{5} \ 3} \underline{\dot{2}} \ 1 - - - 1 - - - \underline{\dot{2}} \underline{\dot{0}} \underline{\dot{2} \ 1} \underline{\dot{3} \ 2} \underline{\dot{3} \ 2} \underline{\dot{3} \ 2} \underline{\dot{4}} \underline{\dot{3} \ 2} \\ \vdots - - - \underline{\dot{5}} - - - \underline{\dot{5}} \vdots - - - \underline{\dot{0}} \vdots - - - \underline{\dot{5}} \end{array} \right.$

台灣民族誌數位影音典藏計畫

$\left[\begin{array}{l} 1 - - - 2 \underline{3212} \mid - - - 2 \overset{\vee}{5} - - - 5 - - - 5 - - - 6 \ 3 \geq 3 \ 2 - \\ ! - - - ! \text{-----} \overset{\vee}{5} \text{-----} ! - \end{array} \right.$

$\left[\begin{array}{l} \underline{3232} \ \underline{3232} \ \overset{\vee}{5} \ 5 - - \underline{\overset{6}{565456}} \ 5 - \underline{65} \ 6 - - \underline{5} \ 6 - - - - \\ ! \text{-----} \overset{\vee}{5} \text{-----} \end{array} \right.$

$\left[\begin{array}{l} 5 \ 6 - - \underline{5656} \ 3 \geq 0 \ \underline{3232} \ \underline{32332} \ \underline{22} \ 1 - - - 1 - - - 1 - - \geq 0 \\ 5 \text{-----} ! \text{-----} 0 \end{array} \right.$

$\left[\begin{array}{l} 2 \ 1 - - - 2 \ 1 - \geq 0 \geq \underline{32} \ 1 \geq \underline{32} \ 3 \cdot \geq 1 \ 0 \ \underline{3232} \ \underline{3 \cdot 2} \ \underline{32} \\ ! \text{-----} 0 \ 5 \cdot \quad ! \cdot \ 5 \text{-----} \underline{5} \ 0 \ ! \text{-----} \end{array} \right.$

$\left[\begin{array}{l} 1 - - - - \underline{212} \ 1 - - - \underline{11} \overset{\vee}{5} - \underline{65} - - \underline{656} \ 3 \geq \underline{32} \ 0 \\ 5 \text{-----} \underline{55} \overset{\vee}{5} \text{-----} ! \cdot 0 \end{array} \right.$

$\left[\begin{array}{l} 2 \ \underline{32} \ 5 \ 3 \ \underline{22} \ 2 \ 5 \ \underline{\overset{5}{65456}} \ 5 - \underline{6} \ \underline{6} \ 3 \geq 0 \ 2 \ 5 \ 3 \ 0 \ \geq 3 \ 2 \\ ! \cdot \ 5 \cdot \quad ! - 5 \text{-----} \underline{5} \ 0 \ ! \text{-----} \underline{1} \ 0 \ 5 \ ! \text{-----} \end{array} \right.$

$\left[\begin{array}{l} 1 - - - 1 - - - 1 - - - 1 \geq 0 \geq \underline{1232} \ 1 \geq \underline{323 \cdot 2} \ \underline{3232} \ 1 - - - 1 - - \\ ! \text{-----} 0 \ ! \text{-----} \underline{1} \ 5 \text{-----} ! \text{-----} \end{array} \right.$

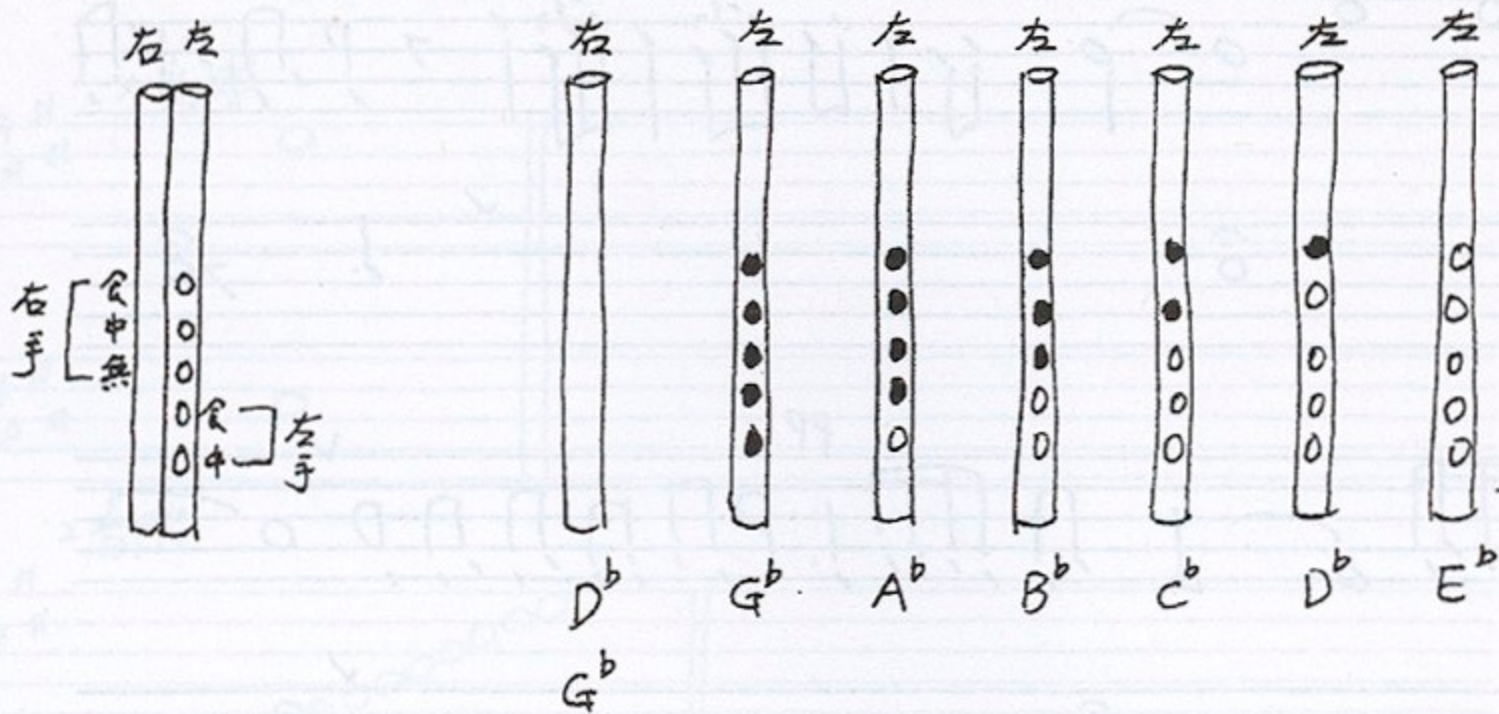
$\left[\begin{array}{l} \underline{212} \ 1 - 2 \overset{\vee}{5} - - - 5 - - - 5 - - - 5 - - - 6 \ 3 \geq \overset{\vee}{5} \underline{65} \ \underline{456} \ \underline{56} \\ ! \text{-----} \overset{\vee}{5} \text{-----} 5 \ 1 \overset{\vee}{5} \text{-----} \end{array} \right.$

$\left[\begin{array}{l} 3 \ \underline{45} \ 2 - - \underline{32} \ 1 - \overset{6}{5} \overset{PP}{- -} \underline{\overset{3}{65456}} \ \underline{56} \ 3 \ 2 - \underline{3 \cdot 2} \ \underline{3 \cdot 2} \ \underline{3 \cdot 2} \\ 5 \ ! \text{-----} \end{array} \right.$

$\left[\begin{array}{l} 1 - - - 1 - \geq 0 \geq \underline{31} \mid \underline{2 \ 3 \ 2} \ \underline{3 \cdot 2} \ \underline{3232} \ 1 - - - \overset{PPP}{1} \ 2 - - 1 - \\ ! \text{-----} \end{array} \right.$

$\left[\begin{array}{l} 2 - 1 - - - 1 - \parallel \\ ! \text{-----} \end{array} \right.$

許坤仲指法 (根據賴朝才採譜)



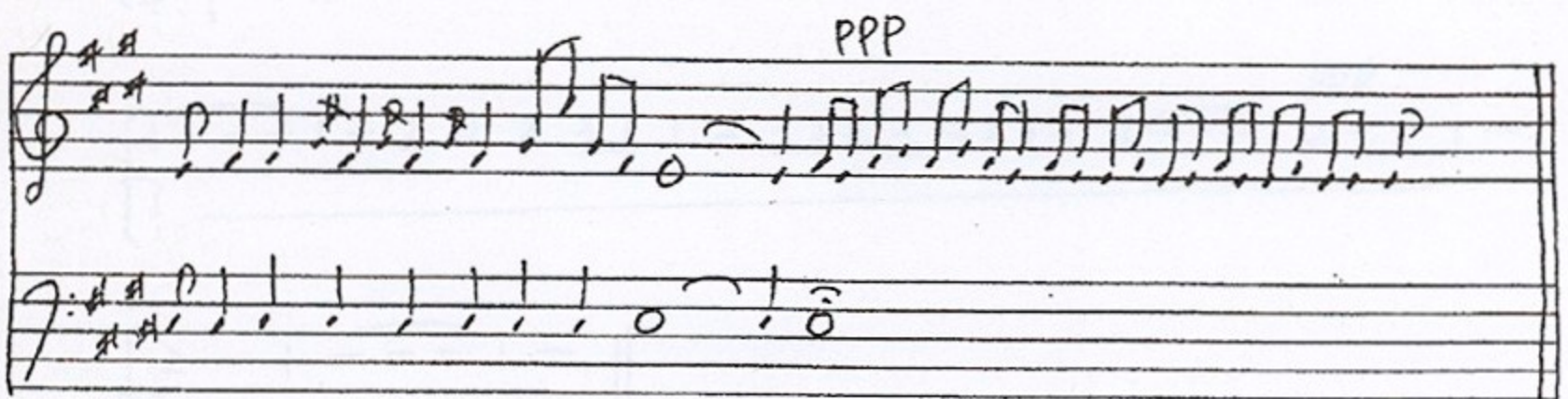
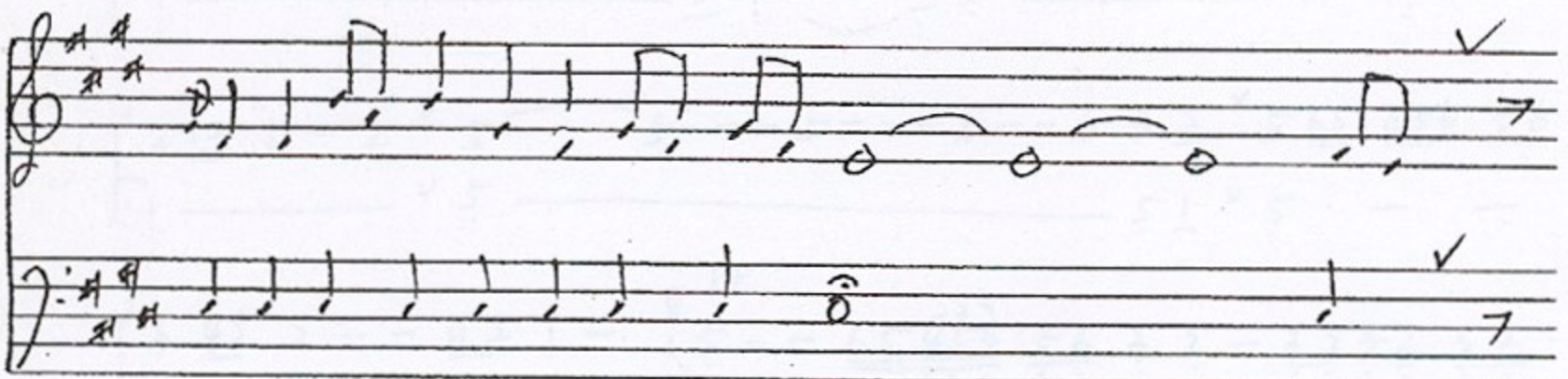
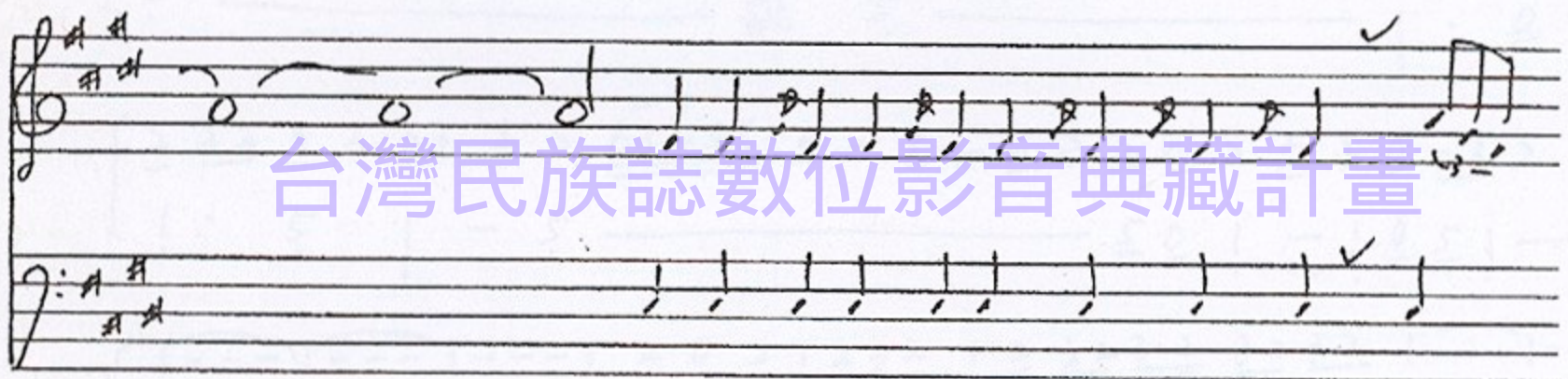
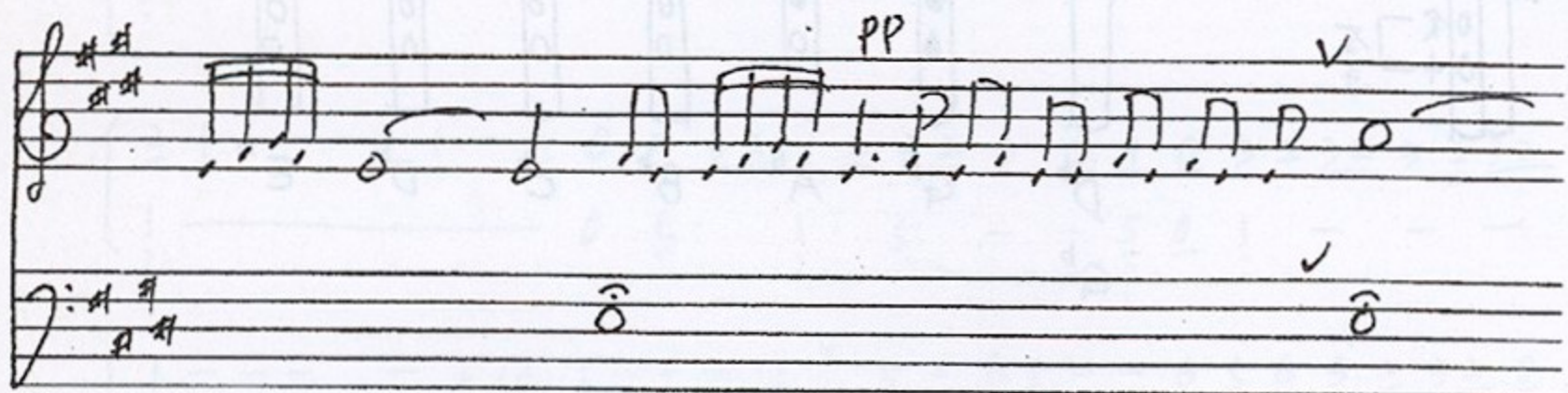
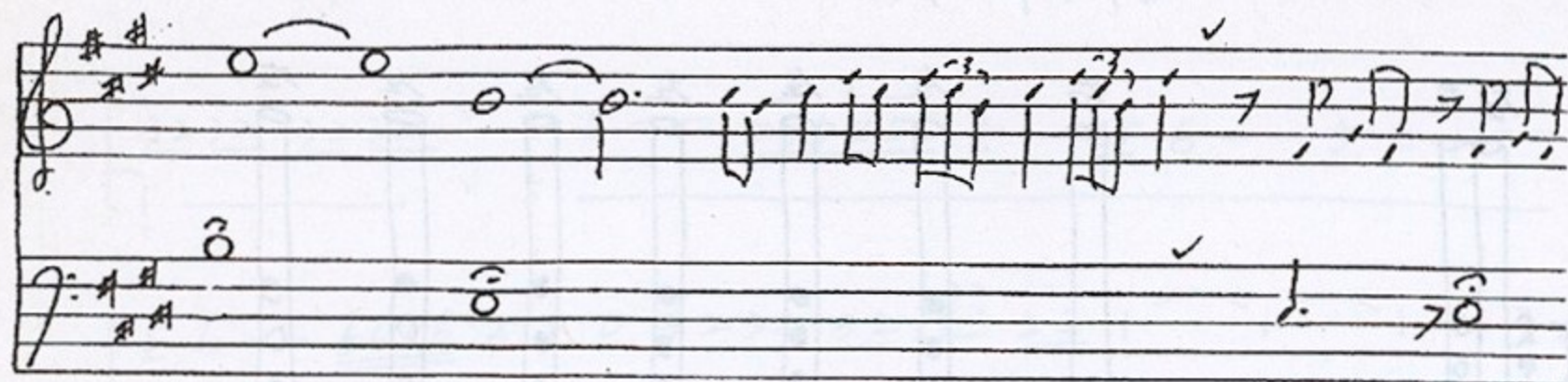
台灣民族誌數位影音典藏計畫

(二) 林石張 (雙管)

♩ = 130

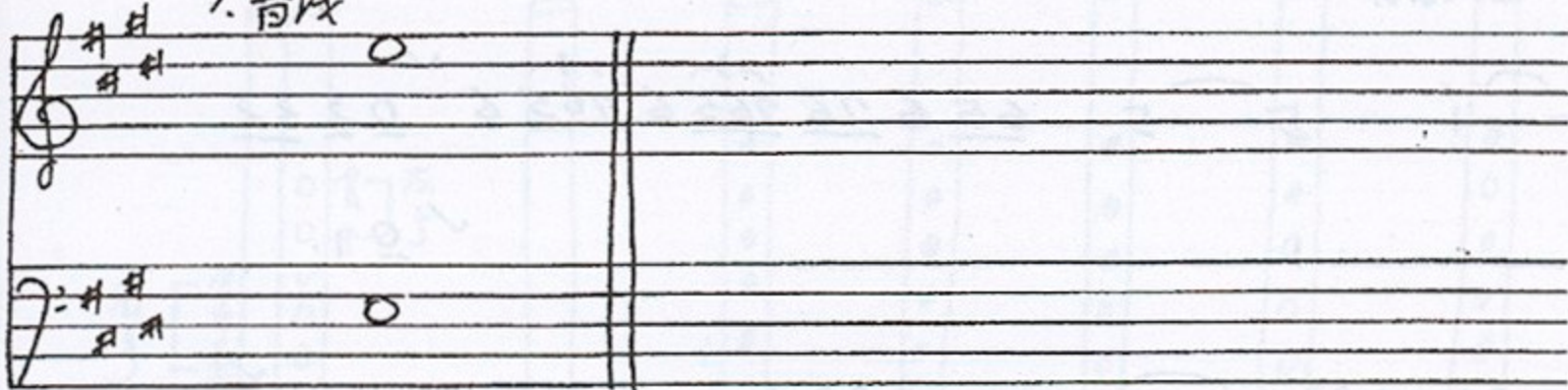
實音記譜

賴朝財採譜分析

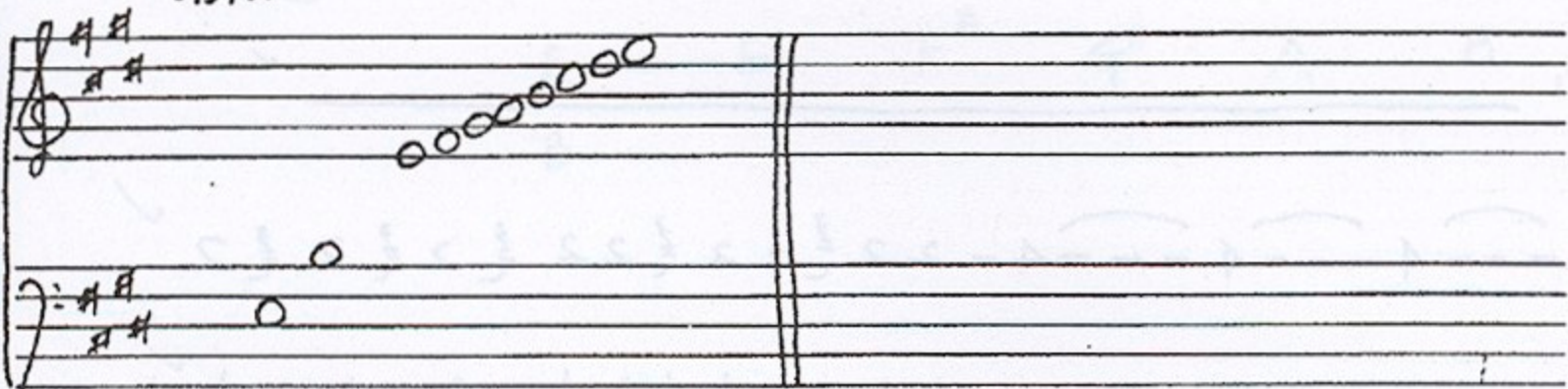


林石章 双管口笛

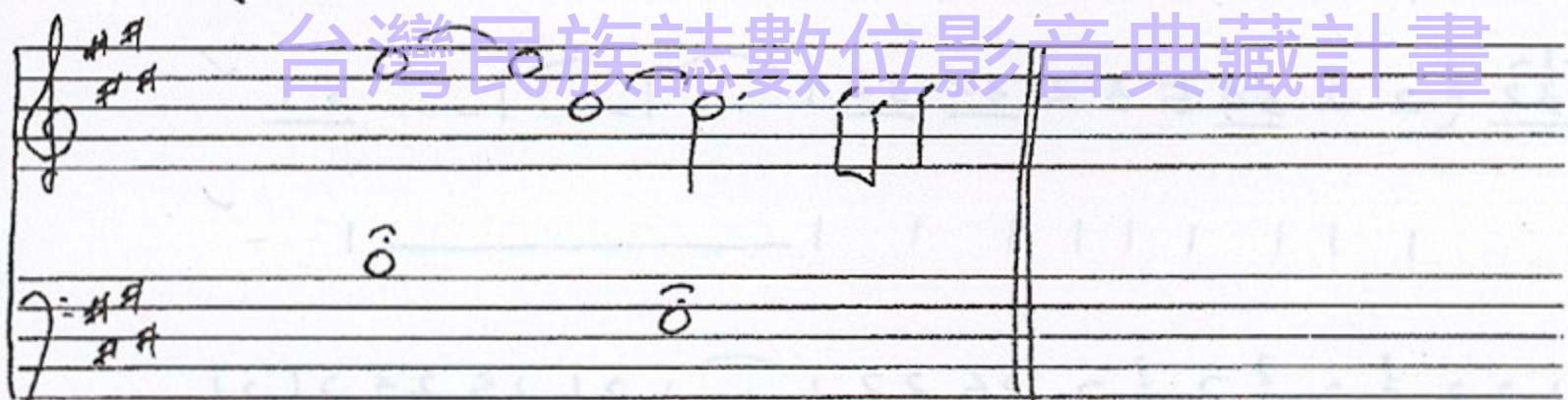
1. 音域



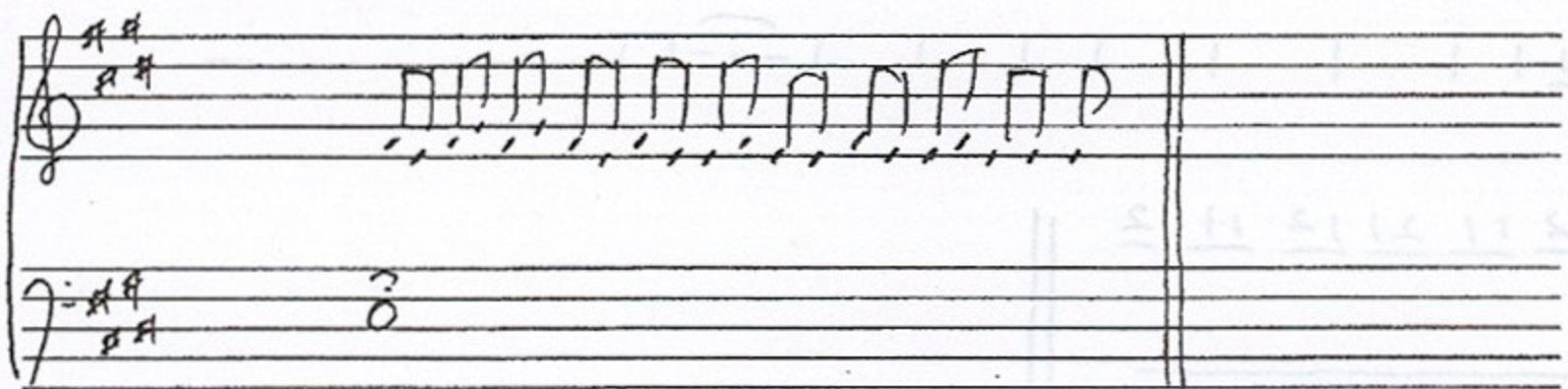
2. 音階



3. 起首音型



4. 終止音型



台灣民族誌數位影音典藏計畫

$\text{♩} = 130$

林石章 双管口笛

E大调

$\left\{ \begin{array}{l} \dot{1} \text{---} \dot{1} \text{---} 5 \text{---} 5 \text{---} \underline{65} \underline{6} \underline{76} \overset{3}{\underline{765}} \overset{3}{\underline{6765}} \overset{3}{\underline{6765}} \overset{3}{\underline{6}} \checkmark \underline{02} \underline{32} \\ 5 \text{---} 1 \text{---} \checkmark \underline{01} \end{array} \right.$

$\left\{ \begin{array}{l} \underline{02} \underline{32} \underline{1232} 1 \text{---} 1 \text{---} \underline{21} \underline{1232} 1. \underline{2} \underline{12} \underline{11} \underline{21} \underline{21} 1 \checkmark \\ 01 \text{---} \checkmark \end{array} \right.$

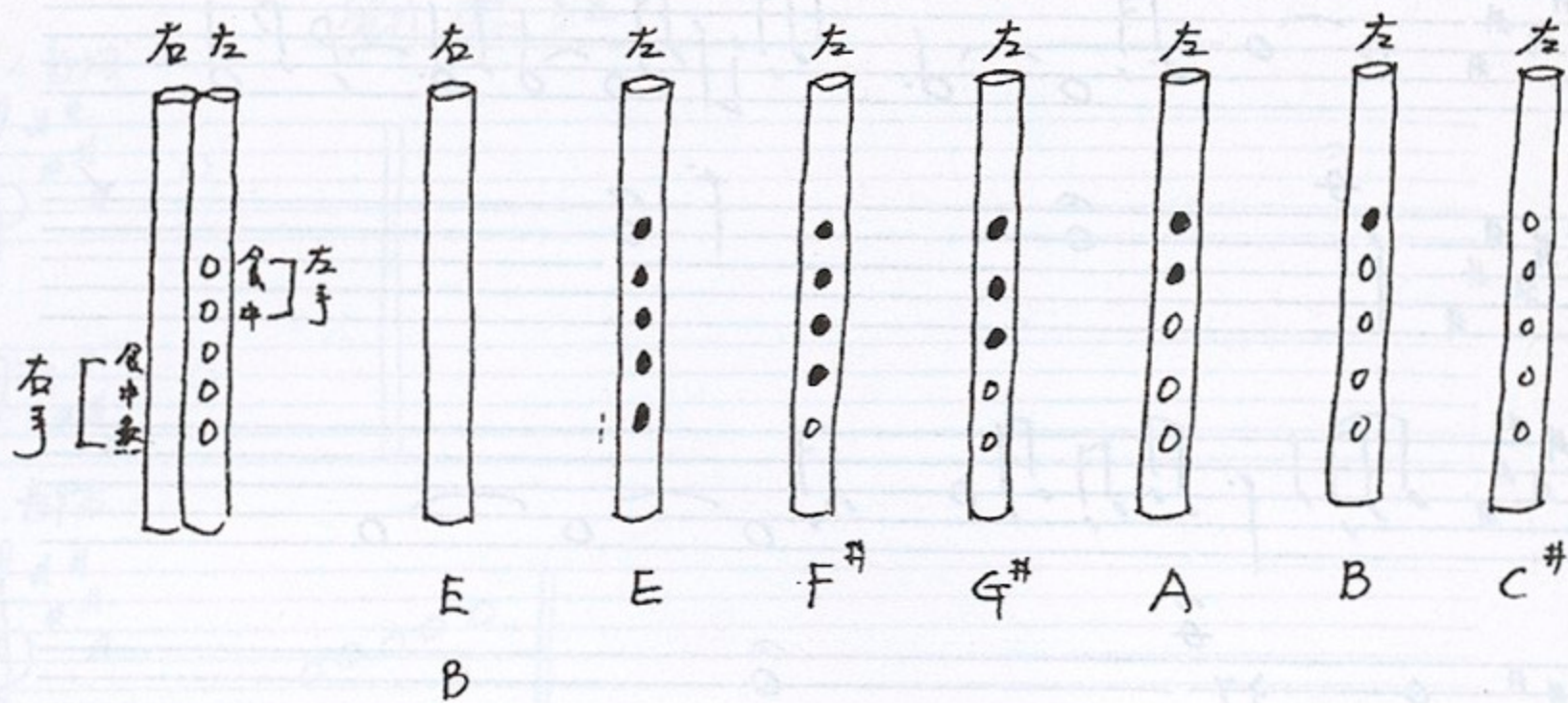
$\left\{ \begin{array}{l} 4 \text{---} 4 \text{---} 4 \text{---} 4 \text{---} 22 \overset{3}{\underline{22}} \overset{3}{\underline{22}} \overset{3}{\underline{22}} \overset{3}{\underline{22}} \overset{3}{\underline{22}} \overset{3}{\underline{22}} \overset{3}{\underline{22}} \checkmark \\ 1 \text{---} 1111111111 \checkmark \end{array} \right.$

$\left\{ \begin{array}{l} \overset{3}{\underline{432}} \overset{3}{\underline{22}} \overset{3}{\underline{54}} \overset{3}{\underline{53}} \overset{3}{\underline{23}} \overset{3}{\underline{23}} 1 \text{---} 1 \text{---} 1 \text{---} \underline{21} \checkmark \\ 1111111111 \checkmark \end{array} \right.$

$\left\{ \begin{array}{l} \underline{01} \underline{22} \overset{3}{\underline{22}} \overset{3}{\underline{22}} \overset{3}{\underline{22}} \underline{36} \underline{32} 1 \text{---} 1 \underline{21} \underline{23} \underline{23} \underline{21} \underline{21} \\ \underline{01} 11111111 \text{---} 1 \text{---} \end{array} \right.$

$\left\{ \begin{array}{l} \underline{12} \underline{11} \underline{21} \underline{12} \underline{11} \underline{2} \parallel \\ \text{---} \parallel \end{array} \right.$

林石章 指法 (根据赖朝财採譜)

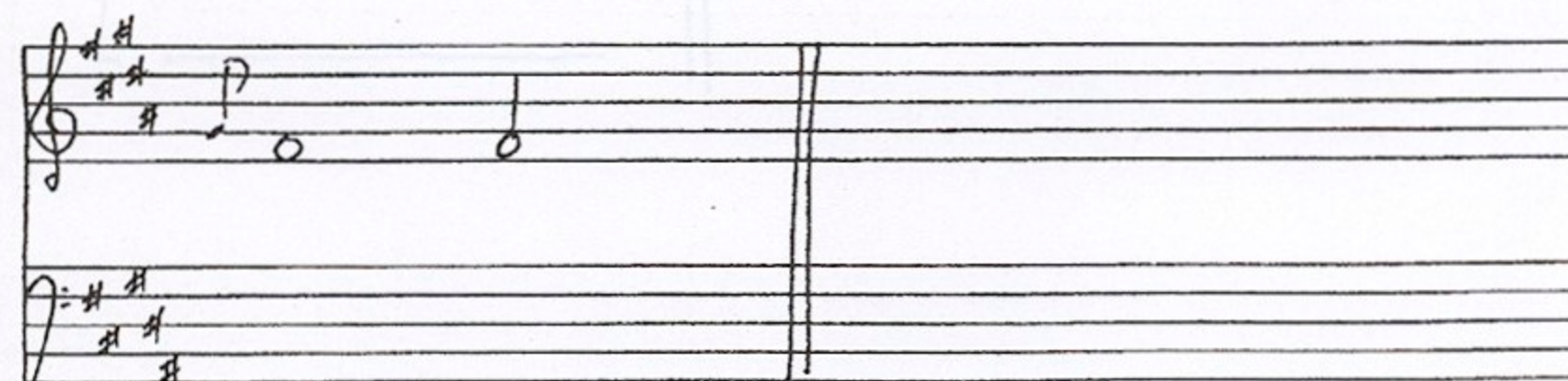
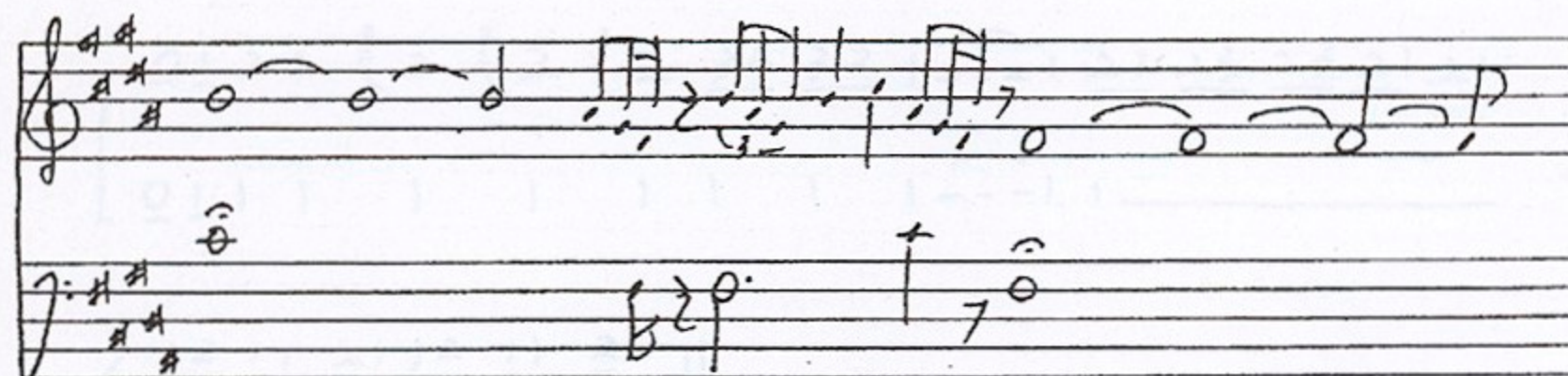
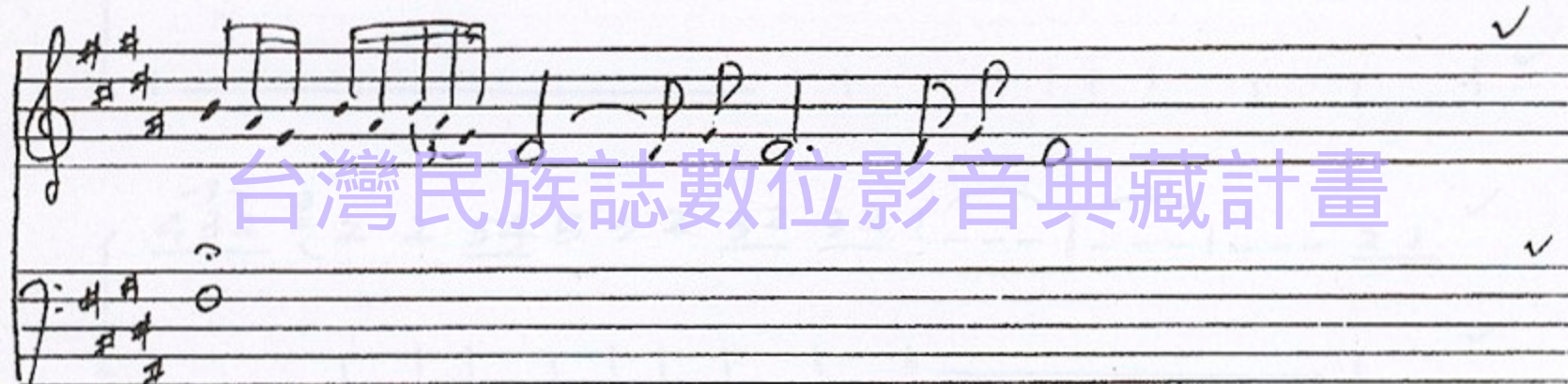
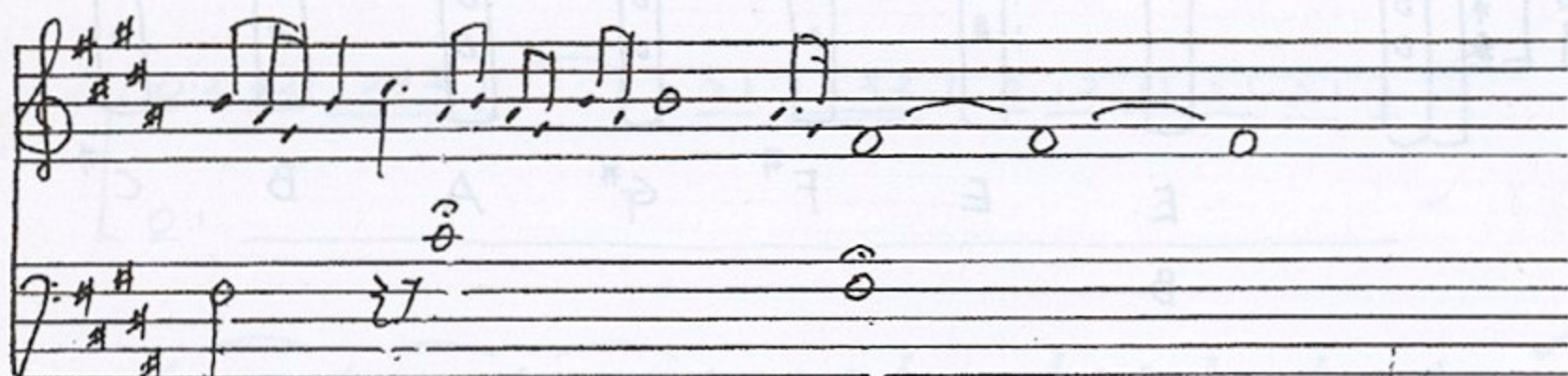
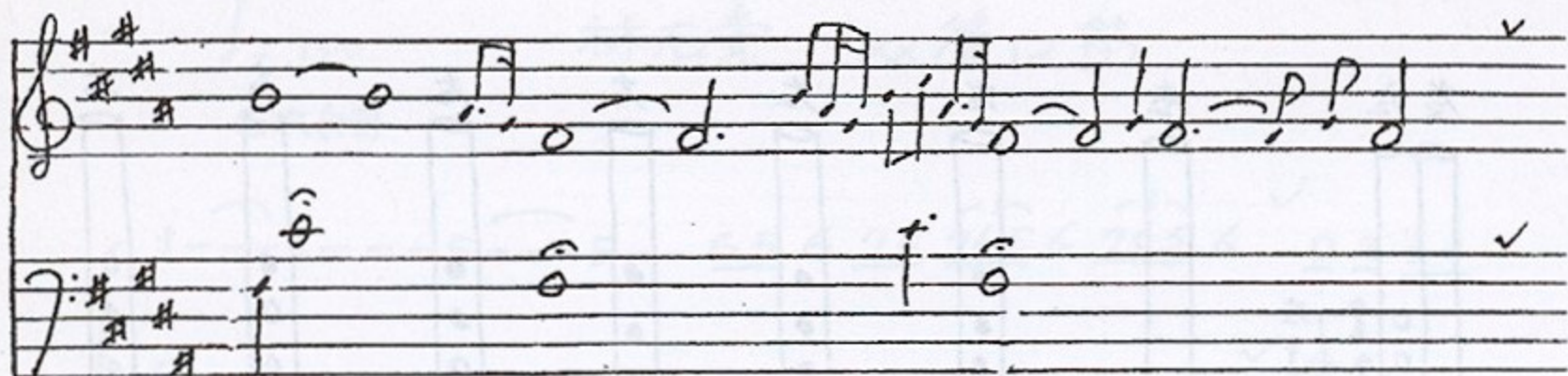


台灣民族誌數位影音典藏計畫

(三) 劉惠紅 (雙管)

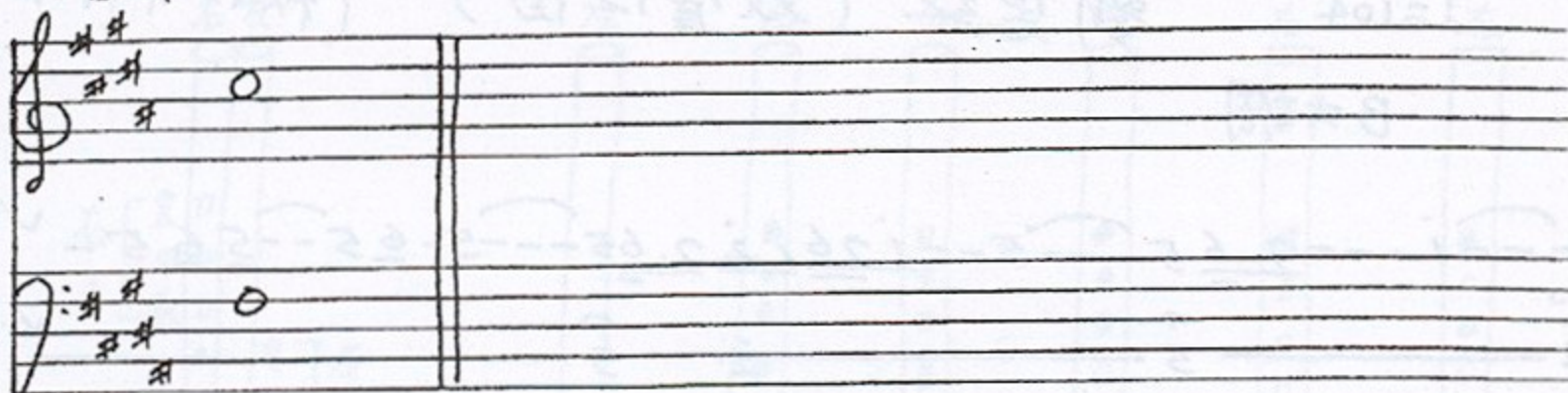
♩ = 104 實音記譜

賴朝財採譜分析

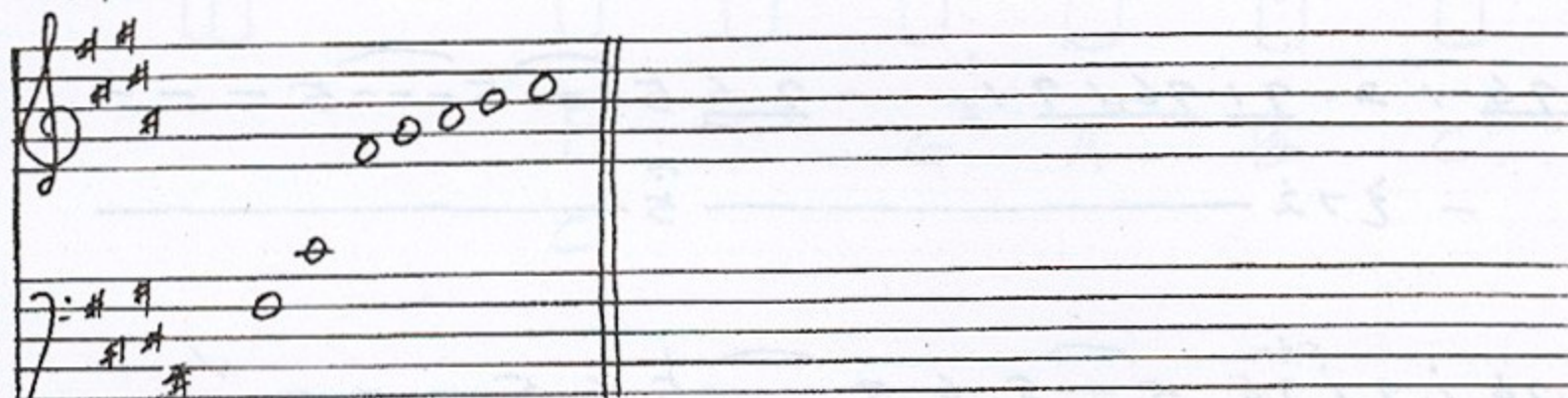


劉 夷 紅

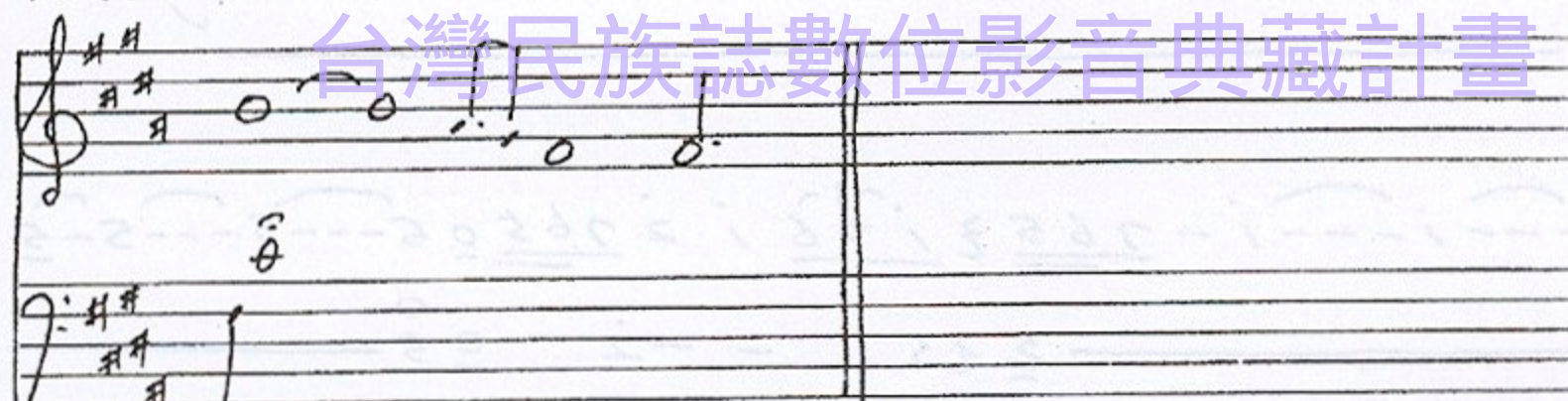
1. 音域



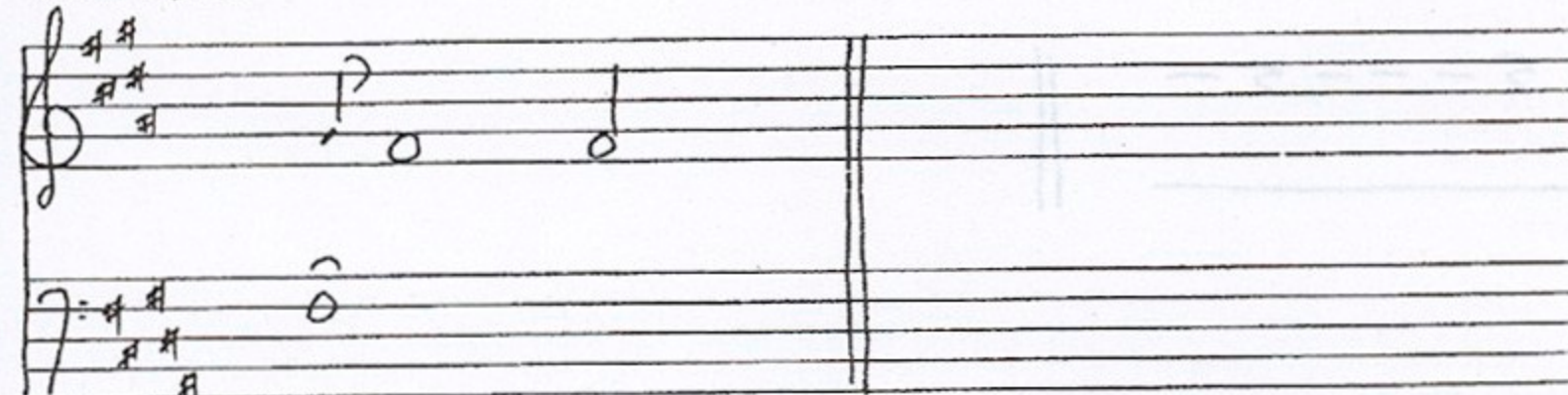
2. 音階



3. 起首音型



4. 終止音型



台灣民族誌數位影音典藏計畫

(轻轻对接谱)

$$\left[\begin{array}{ccccccc} \overset{\frown}{i} - \overset{\frown}{i} - \dots - \underline{7.65} - \dots - \overset{\frown}{5} - \dots - \underline{i76i27.65} - \dots - \overset{\frown}{5} - \underline{65} - \dots - \overset{\frown}{565} - \checkmark \\ \underset{?}{52} - \dots - \underset{?}{5} - \dots - \underset{?}{2} - \dots - \underset{?}{5} - \dots - \checkmark \end{array} \right]$$

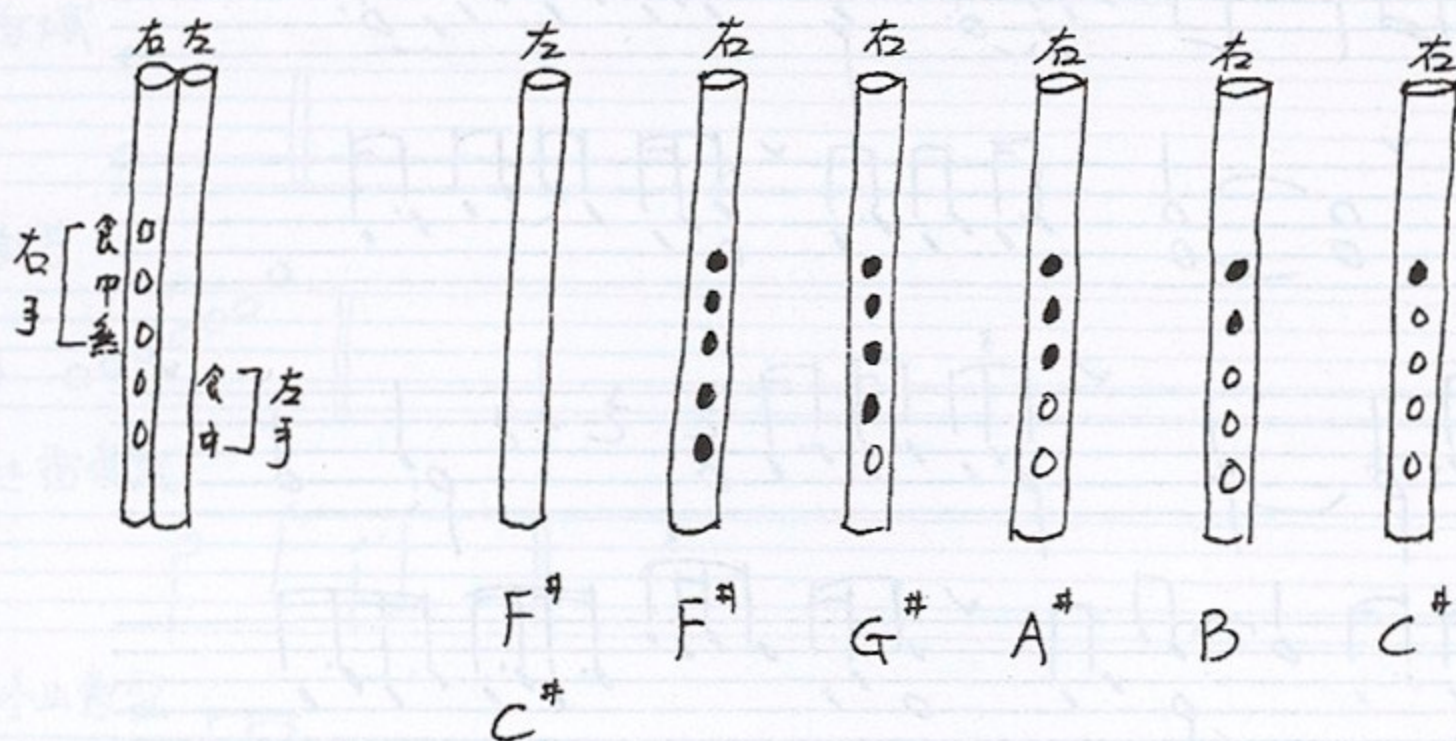
[illegible]

$\left[\begin{array}{l} \underline{i\ 76} \ \underline{i\ 7\ i\ 76} \ 5 - \underline{5} \ 6 \ 5 - - \underline{5} \ 6 \ 5 - - - \checkmark \\ \underline{5} - \end{array} \right.$

$$\left\{ \begin{array}{l} \overbrace{i \dots i \dots i}^{\sim} \underline{\underline{765}} \approx \overbrace{i \overbrace{76}^{\sim 3}}^{\sim} i \overbrace{2 \underline{\underline{765}}}^{\sim} 0 \overbrace{5 \dots 5 \dots 5}^{\sim} \underline{\underline{5}} \\ \overbrace{2}^{\sim} \underline{\hspace{10em}} \underline{\underline{5}} \approx 5 \quad - - 2 \quad 0 \overbrace{5}^{\sim} \underline{\hspace{10em}} \end{array} \right.$$

[6 5 - - - 5 -]

劉 憲 紅 指法 (根據賴朝財採譜)



台灣民族誌數位影音典藏計畫

(四) 董明文 (雙管)

♩ = 66

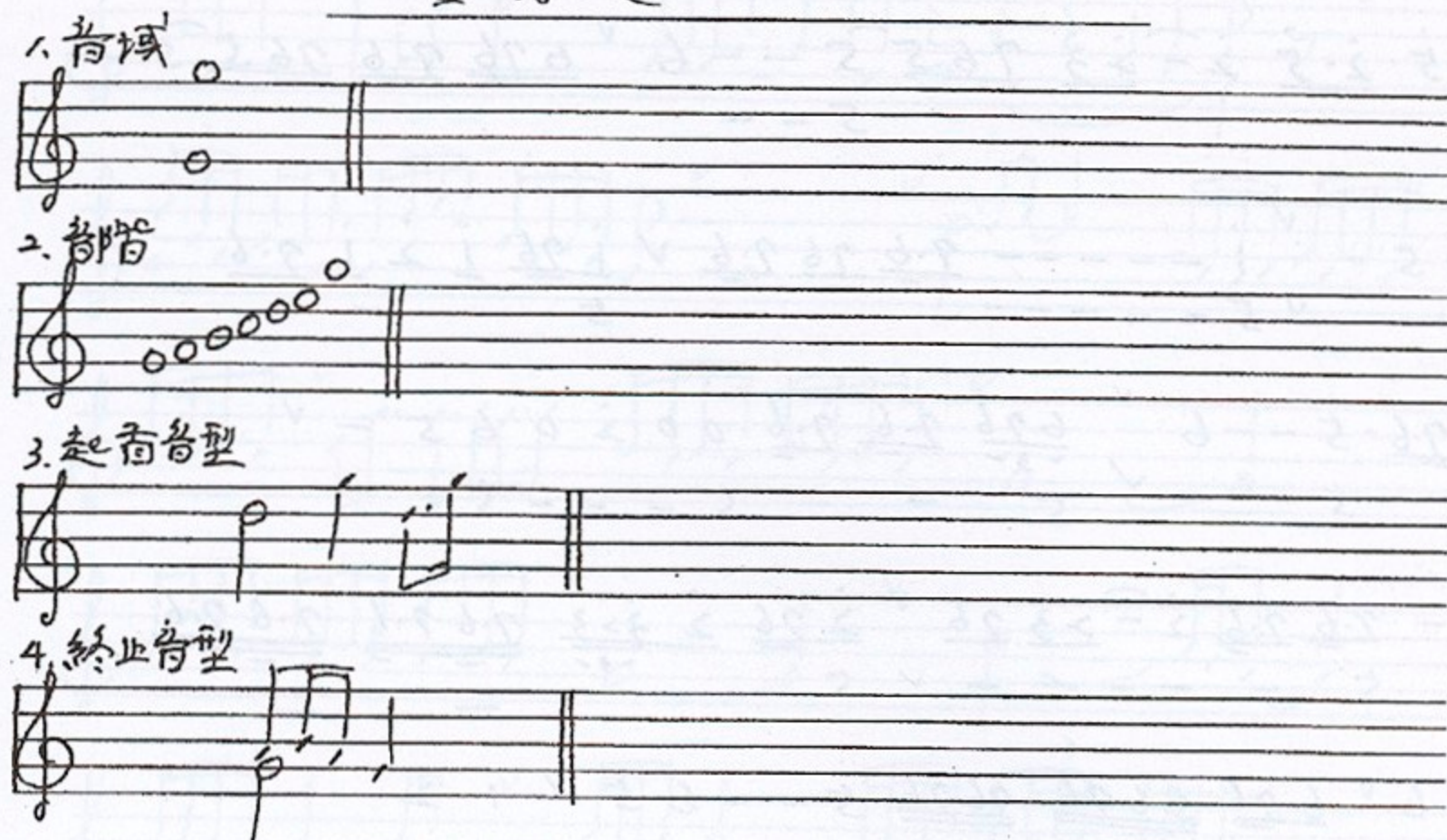
實音記譜

錢善華採譜 賴朝財分析

A handwritten musical score for a piece titled "(四) 董明文 (雙管)". The score is written on ten staves of five-line music paper. The notation includes various musical symbols such as notes, rests, beams, and slurs. There are several dynamic markings, including accents (v) and breath marks (z). Some measures contain triplets, indicated by a "3" above the notes. The score begins with a tempo marking "♩ = 66" and a title "(四) 董明文 (雙管)". The notation is in a traditional Chinese style, likely representing a specific dialect or style of music. The score ends with a double bar line on the tenth staff.

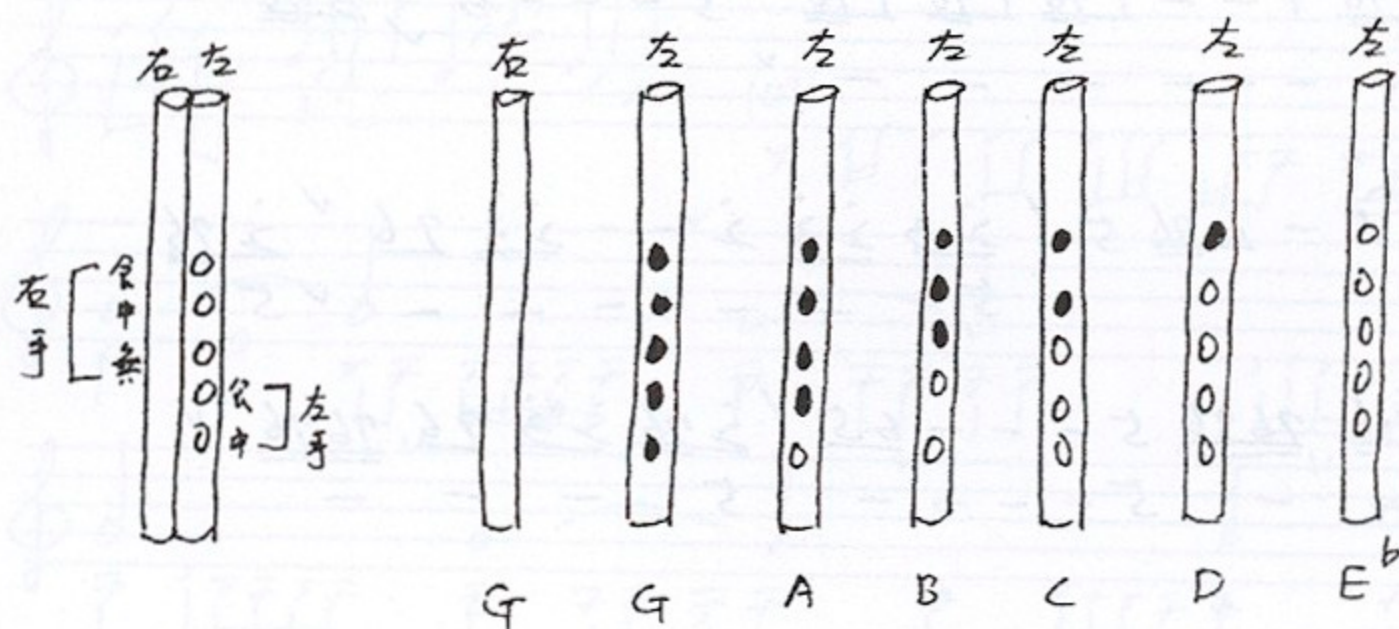
台灣民族誌數位影音典藏計畫

董明文



台灣民族誌數位影音典藏計畫

董明文 指法 (根據錢嘉年採譜)



董明文(双管)口笛

$\left[\begin{array}{ccccccc} 2 & - & 5 & \underline{\underline{2}} & \cdot & \underline{\underline{5}} & 2^- \\ & & & \underline{\underline{2}} & - & \underline{\underline{2}} & 3 \\ & & & & & \underline{\underline{765}} & 5^- \\ & & & & & & 5^- \end{array} \right] \quad \vee \quad \begin{array}{ccccccc} 6 & \underline{\underline{76}} & \underline{\underline{7}} & \cdot & \underline{\underline{6}} & \underline{\underline{765}} & 5^- \\ & & & & & & 5^- \end{array}$

$$\int \frac{676}{5} - \frac{7.6}{5} \frac{76}{5} \frac{7.6}{5} \sqrt{\frac{1}{5} \frac{76}{5} \frac{1}{5} \frac{2}{5} \frac{1}{5} \frac{7.6}{5}}$$
$$\left[\begin{array}{cccc} \underline{\underline{276}} & \underline{\underline{76}} \cdot 5 & - & - 6 \quad \checkmark \\ 5 & - & 5 & - - - \checkmark \end{array} \right] \quad \left[\begin{array}{cccc} \underline{\underline{676}} & \underline{\underline{7.6}} & \underline{\underline{7.6}} & 00 \dot{2} 0 6 5 - \checkmark \\ 5 & - & - & 5 - - - 5 - - \end{array} \right]$$
[illegible]

$$\begin{bmatrix} 5 & - & - & 6^v & \underline{676} & \underline{\underline{5676}} & \underline{\underline{7676}} & 5 & - & - & 6 & 5^v & i & z \\ 5 & - & - & - & ^v 5 & - & - & 5 & - & - & - & - & ^v 5 & - \end{bmatrix}$$

$$\begin{array}{cccccccccccccccc} \underline{\underline{121}} & \underline{\underline{761}} & \underline{\underline{12}} & \underline{\underline{76}} & \underline{\underline{7676}} & 6 & \checkmark & \underline{\underline{6}} & \underline{\underline{7676}} & \underline{\underline{56}} & 6 & - & - & \checkmark \\ 5 & - & - & - & - & - & \checkmark & & & & & & & \checkmark \end{array}$$
$$\begin{bmatrix} \underline{i76} & \underline{i2} & \underline{i76} & i & - & - & \underline{i76} & \underline{i76} & \underline{i76} & \checkmark & 5 & - & - & 6 & \checkmark & \underline{676} \\ 5 & - & - & - & - & - & - & - & - & \checkmark & & & & & & \end{bmatrix}$$
$$\left[\begin{array}{cccccccccccc} \underline{\underline{5676}} & \underline{\underline{765}} & 5 & - & \underline{\underline{676}} & 5 & \vee & \underline{\underline{23}} & \underline{\underline{23}} & 2 & - & - & \underline{\underline{23}} & \underline{\underline{76}} & \vee & \underline{\underline{276}} \\ & & & & & & & 5 & & & & & & & & \vee & 5 \end{array} \right]$$
$$\left[\begin{array}{cccccccccccccccc} \underline{\underline{2323}} & 3 & \underline{7.6} & \underline{\underline{7676}} & 5 & - & - & - & \underline{6.5} & \vee & \underline{\underline{276}} & \underline{\underline{23}} & \underline{7.6} & \underline{\underline{7676}} & \vee \\ 5 & - & - & - & 5 & - & - & - & - & 5 & - & - & - & - \end{array} \right]$$
$$\begin{bmatrix} 5 & - & - & \underline{\underline{676}} & 5 \\ 5 & - & - & - & - \end{bmatrix} \parallel$$

(五) 涂文祥 (雙管)

♩ = 66

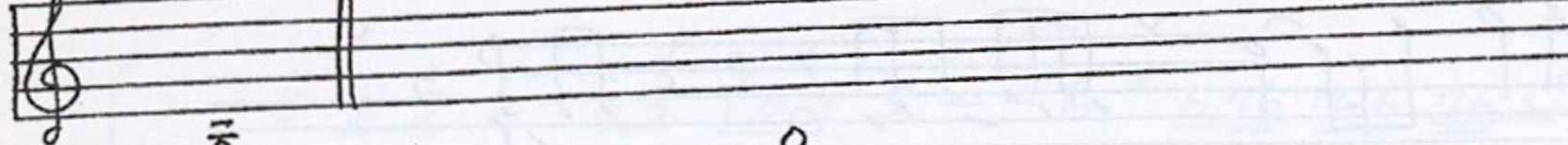
實音記譜

錢善華採譜 賴朝財分析

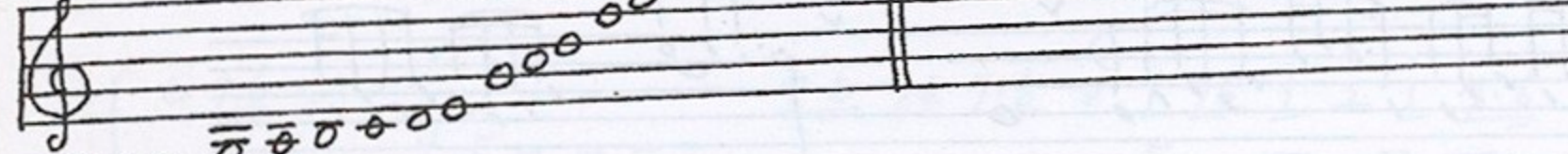
This is a handwritten musical score for a piece titled "(五) 涂文祥 (雙管)". The score is written on ten staves using a system of notes and rests that combines Western musical notation with traditional Chinese notation. The tempo is indicated as "♩ = 66". The notation includes various note values, rests, and dynamic markings such as "p" (piano) and "f" (forte). A watermark "台灣民族誌數位影音典藏計畫" is visible across the middle of the score. The piece concludes with a double bar line on the final staff.

徐文祥

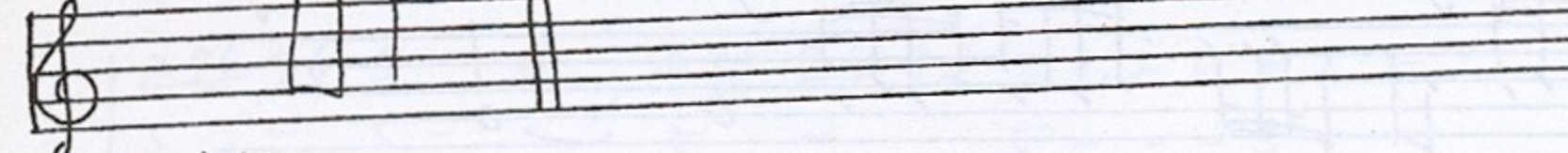
1. 音域



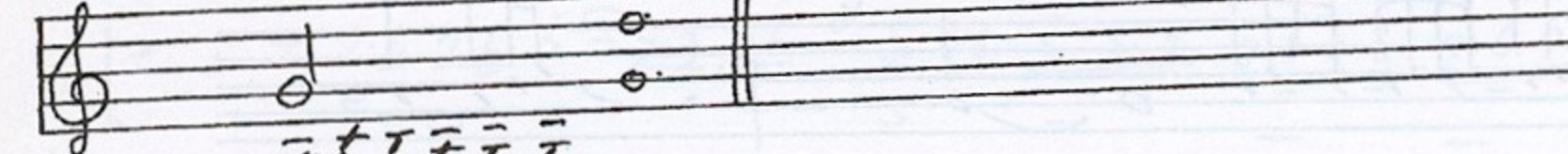
2. 音階



3. 起首音型

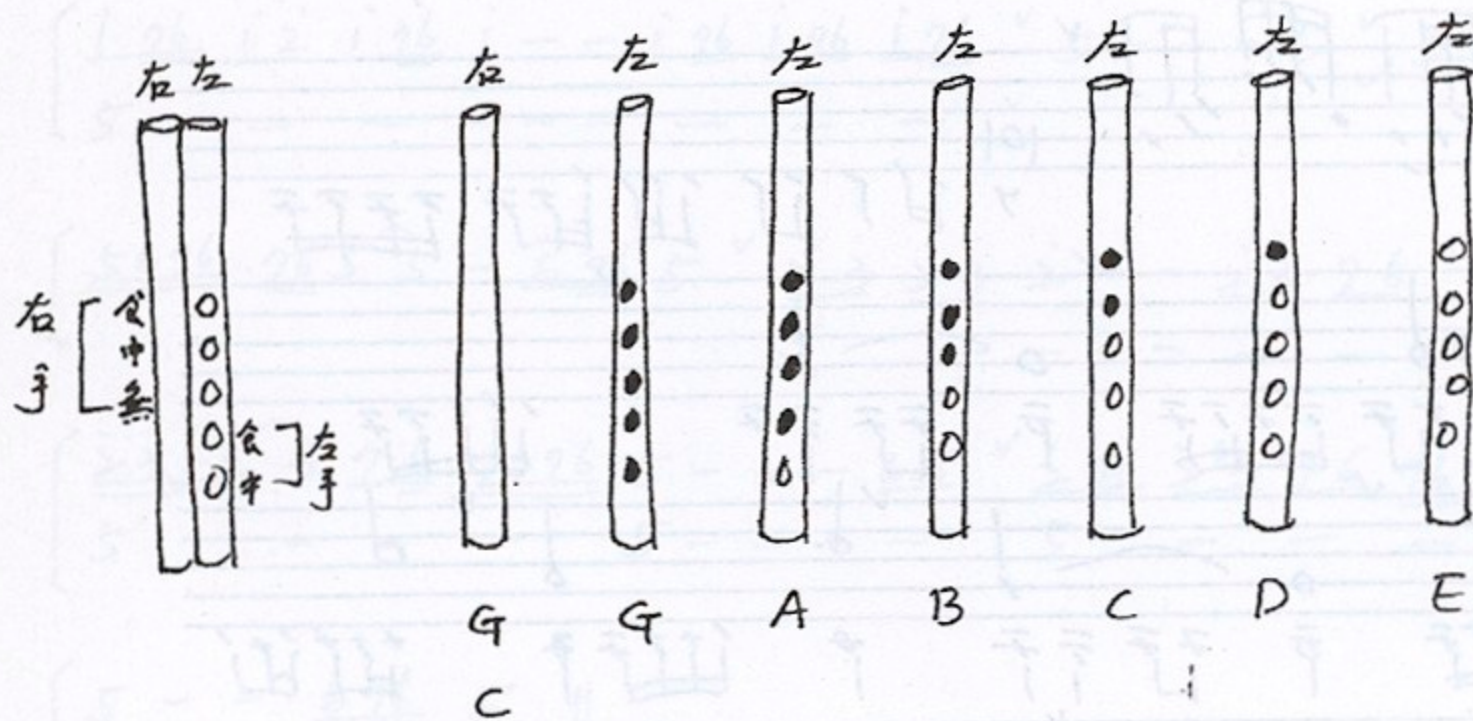


4. 終止音型



台灣民族誌數位影音典藏計畫

徐文祥 指法 (根據錢姜章採訪)



$\text{♩} = 66 \text{ in C}$ 涂文祥 口笛(双管)

(钱美华持谱)

$\left[\begin{array}{c} \underline{\dot{2}} \underline{\dot{7}} \underline{5} - \underline{\underline{5 \dot{2} \dot{3}}} \dot{3} - \text{ }^{\vee} \underline{\underline{6767}} \underline{765} 0 0 0 \underline{66} \underline{60} \text{ }^{\vee} \underline{\dot{2} 76} \underline{765} \\ \text{ } - - - - - 5 - \end{array} \right.$

$\left[\begin{array}{c} \underline{\underline{5 \dot{2} \dot{3} \dot{2}}} \underline{7676} \underline{5} \text{ }^{\vee} 5 - - - \text{ }^{\vee} \underline{\dot{2} \dot{3} \dot{3}} \dot{3} - \underline{7656} \underline{767 \cdot 6} \underline{5 \cdot 6 7 \cdot 6} \text{ }^{\vee} \underline{7 \dot{2}} \cdot \\ 5 - - - \dot{2} - - \end{array} \right.$

$\left[\begin{array}{c} \underline{\underline{\dot{2} \cdot \dot{3} \dot{2} \cdot \dot{3}}} \underline{7 \cdot 6 7 \cdot 6} \underline{7 \cdot 6 7 \cdot 6} \text{ }^{\vee} 5 - - - - - \text{ }^{\vee} \underline{6 \dot{2} 76} \underline{7676} \underline{6 \dot{2} 76} \text{ }^{\vee} 5 - - \\ \text{ } \end{array} \right.$

$\left[\begin{array}{c} 5 - - - \text{ }^{\vee} \dot{1} - - \underline{\underline{176}} \underline{6} \underline{7676} \underline{6 76} \text{ }^{\vee} \underline{\dot{1} 76 \dot{1}} \dot{1} - \underline{7676} \underline{6 \dot{1} 76} \underline{7676} \\ \text{ } 5 - \end{array} \right.$

$\left[\begin{array}{c} 5 - - - \underline{6} \underline{56} \text{ }^{\vee} \underline{\underline{6 \dot{1} 6 \dot{1}}} \underline{\dot{1} 76} \underline{765} \underline{5 6 \dot{1}} \underline{676} \text{ }^{\vee} 5 - - - \underline{65} \text{ }^{\vee} \\ \text{ } 5 - - - - - \text{ }^{\vee} \end{array} \right.$

$\left[\begin{array}{c} \underline{\dot{2} \dot{3}} \underline{\dot{2} 6} \underline{\underline{765}} \underline{5} \underline{\underline{6 \dot{2} \dot{3} \dot{2}}} \underline{765} \text{ }^{\vee} 5 - - - - - \text{ }^{\vee} \\ \text{ } \underline{\underline{0 \dot{2} \dot{2}}} \underline{2 \dot{2} \dot{2}} \underline{\dot{2} \dot{3} \dot{2}} \underline{\dot{2} 7 \cdot 6} \underline{7676} \end{array} \right.$

$\left[\begin{array}{c} 5 - - - - \text{ }^{\vee} 5 - - - 5 - \text{ }^{\vee} 0 5 - \text{ }^{\vee} \\ 2 - 3 - \underline{76} \underline{7676} 5 - - \underline{66} 5 6 \underline{\dot{2} 3 \dot{2} 76} 5 \underline{\dot{2} 7676} \end{array} \right.$

$\left[\begin{array}{c} 5 - - - - \text{ }^{\vee} \dot{1} - - 6 - \text{ }^{\vee} \dot{1} - - - \\ 5 - \underline{66} 5 6 \dot{1} - \underline{\dot{2} 176} 6 - \underline{\dot{1} 7 \dot{1}} \underline{\dot{2} 12} \underline{\dot{1} 7 \dot{1}} \underline{7676} \end{array} \right.$

$\left[\begin{array}{c} 5 - - 6 5 6 \text{ }^{\vee} 5 - 5 - \dot{2} - - \parallel \\ 5 - - \underline{66} 5 6 \underline{\dot{1} 7676} 5 \underline{\underline{6 \dot{1} 765}} 5 5 - - \parallel \end{array} \right.$

台灣民族誌數位影音典藏計畫

(六) 李 正 (單管)

♩ = 63 實音記譜

錢善華採譜 賴朝財分析



$\text{♩} = 63$ in A 李正 單管口笛

(錢美幸持譜)

4 - - - - - 5 0 2 3 2 | 1 - - - - - 2 0 1 2 3 2 2 - - - - -
1 2 3 2 3 2 1 ^v 1 - - - - - 2 0 5 - - - - - 4 5 4 5 4 3 2 | 4 3 2 5 3 2
3 2 3 2 | - - - - - ^v 1 2 3 2 3 2 | - - - - - 2 3 2 3 2 | - - - - - 2 0 1 2
4 5 5 - - - - - 4 5 4 5 4 3 2 | 4 5 5 - ^v 5 4 5 4 5 4 3 2
5 4 3 2 4 3 2 1 | - - - - - 2 0 1 2 3 2 3 2 3 4 3 2 4 3 4
3 2 2 - 2 3 5 3 2 3 2 3 2 | - - - - - 2 0 1 2 3 2 3 2 2 - - - - - ^v
2 3 2 4 5 4 5 4 3 2 3 2 3 2 3 2 ^v 1 - - - - - 2 ^v 4 - - - - - 4 5 3 2
4 3 2 4 5 3 2 3 2 3 2 | - - - - - 2 ^v 1 2 3 2 3 2 |
1 2 1 2 3 4 - - - - - 4 3 2 4 3 2 3 2 3 2 1 | - - - - - ^v 1 - - - - -
3 1 2 3 2 1 | - - - - - 2 ^v | - - - - - 2 1 2 3 2 3 4 3 2 4 5 3 2 3 2
| - - - - - 2 ||

台灣民族誌數位影音典藏計畫

李正

1. 音域

2. 音階

3. 起音型

4. 終止音型

台灣民族誌數位影音典藏計畫

李正 指法 (根據錢善寧採訪)

右手 [中無] 左手 [食中]

全開不使用

A B C[↑] D E

(七) 金賢仁 (單管)

♩ = 69 實音記譜

錢善華採譜 賴朝財分析

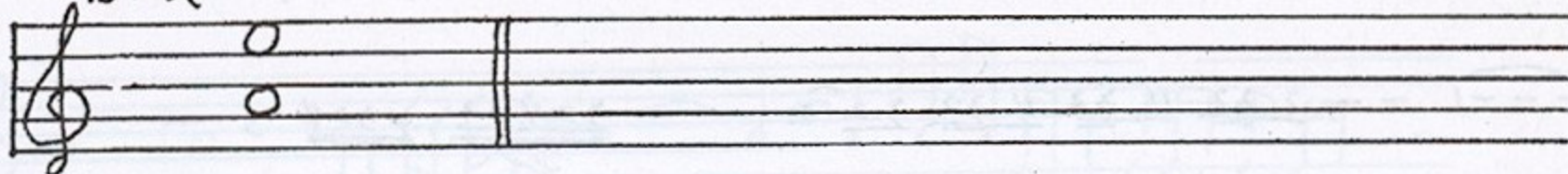




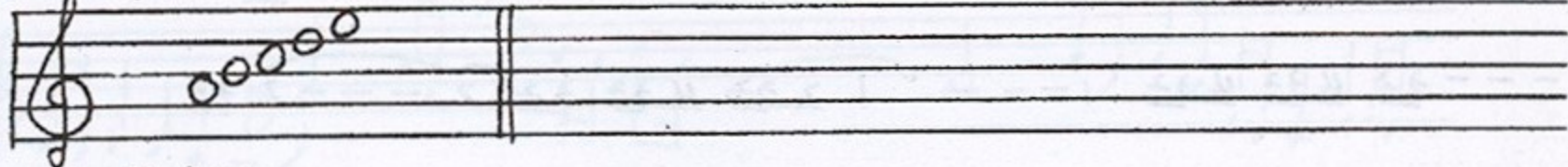
台灣民族誌數位影音典藏計畫

金賢仁

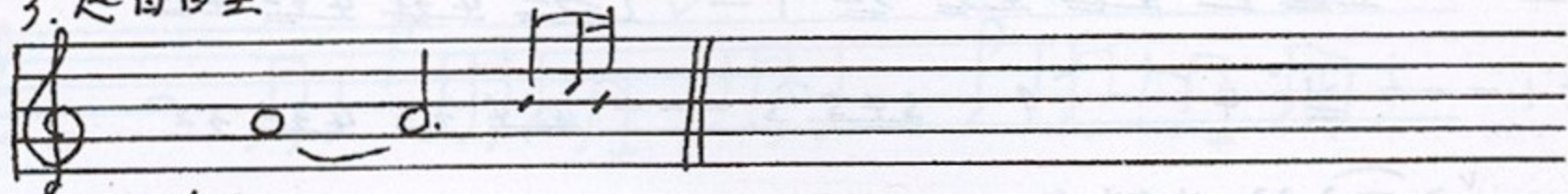
1. 音域



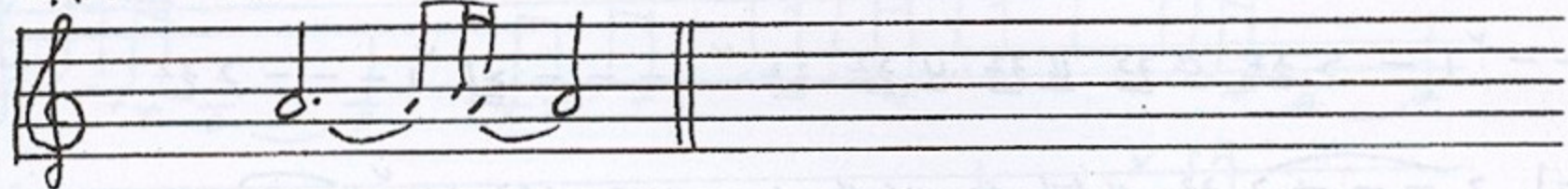
2. 音階



3. 起首音型

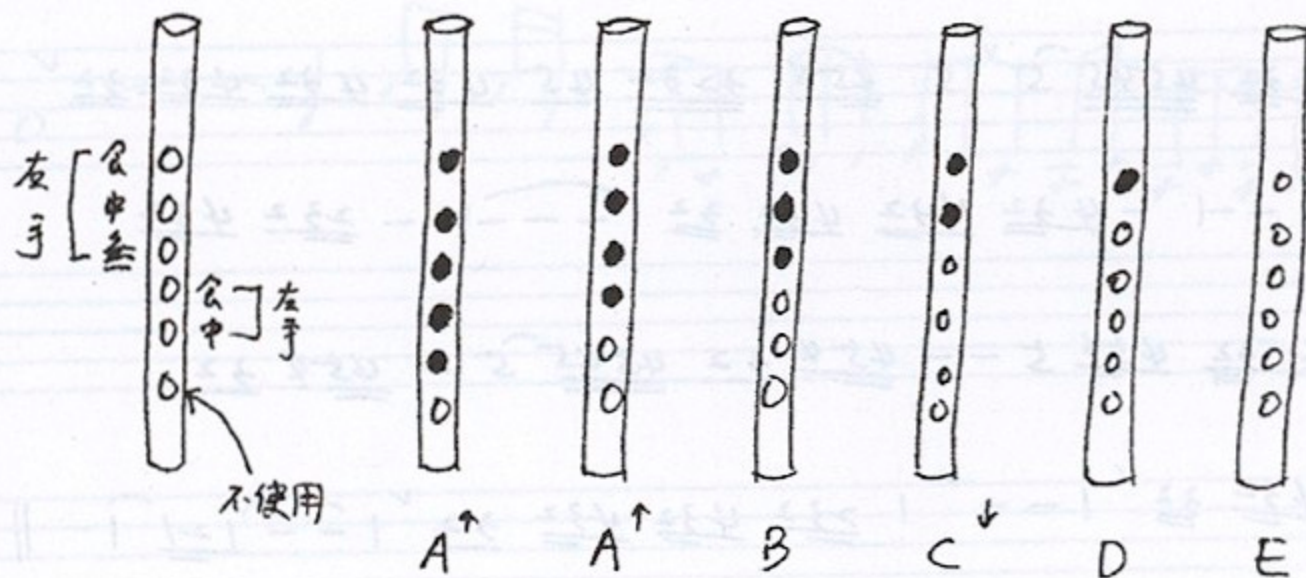


4. 終止音型



台灣民族誌數位影音典藏計畫

金賢仁 指法 (根據錢善幸採訪)



$\text{♩} = 69$ in A

金賢仁 單管口笛

(錢嘉幸採譜)

1- - - 1 - - - 2 3 2 4 3 2 4 3 2 3 2 2 - - - 3 2 4 3 2 4 3 2 4 5 -
4 5 4 3 2 3 2 4 3 2 3 2 ^v 1 - ^v 0 1 2 3 2 4 3 2 4 3 2 3 2 ^v 1 - - - 2 1 ^v
4 - - - 3 2 4 3 2 4 3 2 ^v 1 - - - ^v 1 2 3 2 4 3 2 3 2 2 - - - 2 3 2
4 5 4 5 - 4 5 4 3 2 4 3 2 4 3 2 3 2 ^v 1 - ^v 1 2 3 2 4 3 2 4 3 2 4 3 2
3 2 1 - - - 2 1 ^v 4 - - - 4 - 5 4 5 5 - - - 4 5 4 3 2 4 3 2 3 2
2 - - ^v 2 - 2 3 2 4 5 4 5 - - 4 5 4 3 2 4 5 4 3 2 4 3 2 4 3 2 3 2 ^v
1 - - ^v 1 - 2 3 2 4 3 2 4 3 2 4 3 2 3 2 ^v 1 - - - 2 1 ^v 1 - - - 2 3 2
3 2 1 2 - - - 2 3 2 4 5 4 5 4 5 4 3 2 4 3 2 4 3 2 3 2 ^v 1 - - - 1 2
1 - ^v 5 - - - 6 5 6 6 - 5 6 5 4 3 2 3 4 5 4 5 5 - 5 -
4 5 4 3 2 3 2 4 3 2 3 2 2 - - 2 3 2 4 5 4 5 5 4 5 4 3 2 4 3 2 4 5 4
3 2 4 3 2 3 2 0 1 - ^v 1 - 2 3 2 4 3 2 4 3 2 4 3 2 3 2 ^v 1 - - - - 1 2 1 ^v
1 2 3 2 3 - - - 3 - - 3 2 4 4 3 2 4 3 2 3 - - ^v 3 3 2 4 3 2 4 3 2 3 2 ^v
1 - - - 2 3 2 4 3 2 4 5 4 5 5 ^v 5 4 5 4 3 2 3 2 4 5 4 3 2 4 3 2 4 3 2 3 2 ^v
1 - - - 2 1 ^v 4 - - - 1 - 4 3 2 4 3 2 4 3 2 3 2 1 - - - 1 - 2 3 2 4 3 2
4 3 2 3 2 2 - ^v 2 3 2 4 5 4 5 - - 4 5 4 3 2 4 5 4 5 5 - 4 5 4 3 2
4 5 4 3 2 4 3 2 4 3 2 3 2 ^v 1 - - ^v 1 2 3 2 4 3 2 4 3 2 3 2 ^v 1 - - - 1 2 1 1 - ||

(八) 蔡國良 (單管)

♩ = 104

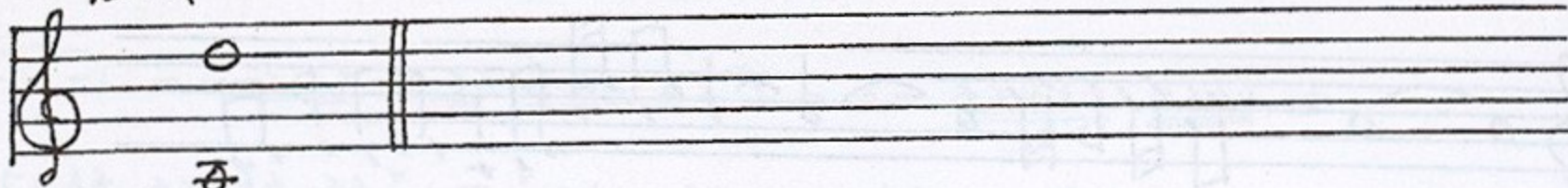
實音記譜

賴朝財採譜分析

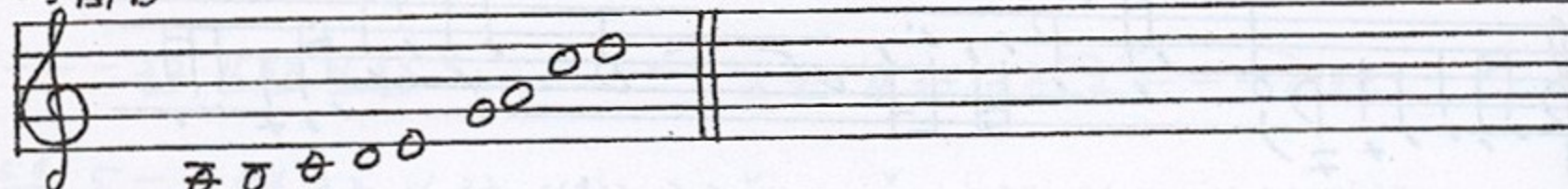


蔡國良

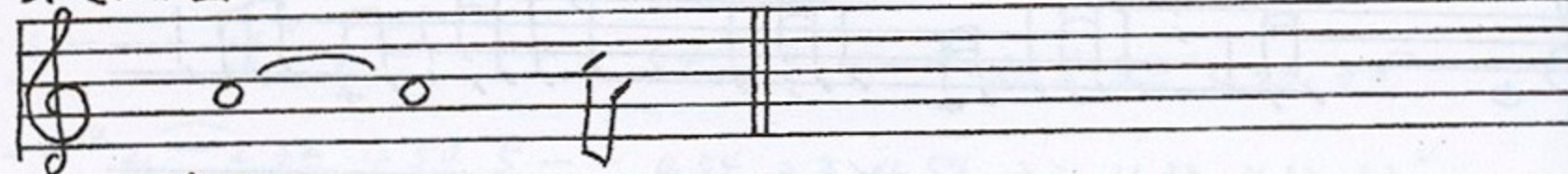
1. 音域



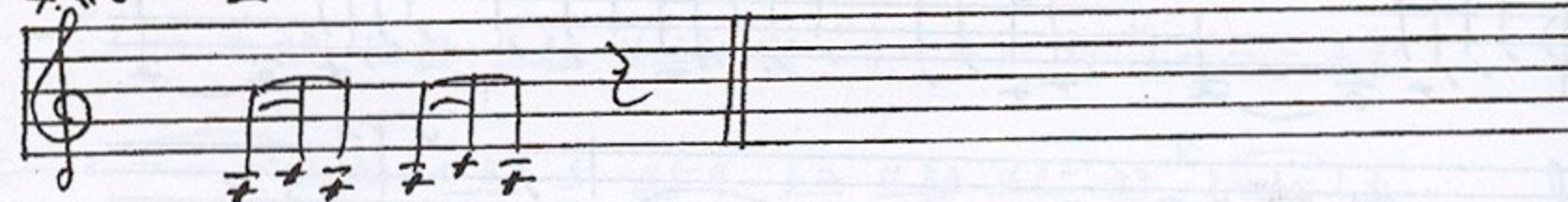
2. 音階



3. 起音音型

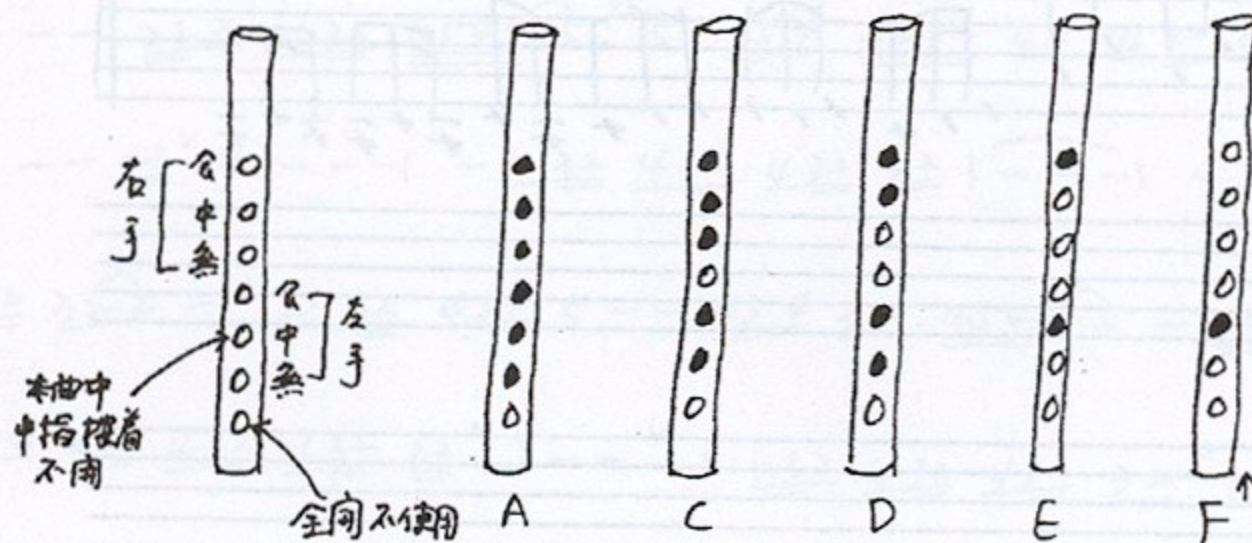


4. 終止音型



台灣民族誌數位影音典藏計畫

蔡國良 指法 (根據較難財擇譜)



$\text{♩} = 104$ in C 蔡國良 口笛 (單管第=首第一節)

$\underline{6} \text{---} \underline{6} \text{---} \underline{\dot{1}6} \underline{\dot{2}\dot{1}} \underline{\dot{2}\dot{1}} \underline{\dot{2}\dot{1}} \underline{6} \text{---} \underline{6} \text{---} \underline{\dot{1}6} \underline{\dot{1}6} \underline{\dot{3}\dot{2}} \underline{1} \underline{\dot{3}\dot{3}\dot{2}} \underline{\dot{3}} \underline{\dot{2}\dot{1}} \underline{\dot{3}\dot{2}} \underline{\dot{3}}$
 $\underline{\dot{2}\dot{1}} \underline{\dot{6}} \underline{6} - \underline{\dot{1}6} \text{ } ^v \underline{6} \underline{\dot{2}\dot{1}} \underline{\dot{2}\dot{1}} \underline{\dot{1}} \underline{6} \text{---} \underline{6} - \underline{\dot{1}6} \underline{\dot{1}6} \underline{\dot{3}\dot{2}} \underline{1} \underline{\dot{3}\dot{3}\dot{2}} \underline{\dot{3}} \text{---}$
 $\underline{\dot{3}\dot{2}} \underline{\dot{3}} \underline{\dot{4}} \underline{\dot{3}\dot{3}\dot{2}} \underline{\dot{3}} \underline{\dot{2}\dot{1}} \text{ } ^v \underline{\dot{3}\dot{3}\dot{2}} \underline{\dot{3}} - \underline{\dot{4}} \underline{\dot{3}\dot{3}\dot{2}} \underline{\dot{3}} \underline{\dot{2}\dot{1}} \underline{\dot{3}\dot{3}\dot{2}} \underline{\dot{3}} \underline{\dot{4}\dot{3}\dot{2}\dot{1}} \underline{\dot{6}} \text{---} \underline{6} -$
 $\underline{\dot{1}6} \underline{\dot{2}\dot{1}} \text{ } ^v \underline{\dot{3}\dot{2}} \underline{\dot{3}} \underline{\dot{2}\dot{1}} \underline{\dot{3}\dot{2}} \underline{\dot{3}} \underline{\dot{4}\dot{3}\dot{2}\dot{1}} \underline{\dot{6}} \text{---} \underline{6} \underline{\dot{1}6} \underline{\dot{2}\dot{1}} \underline{\dot{3}\dot{2}} \underline{\dot{3}} \underline{\dot{2}\dot{1}} \underline{\dot{6}\dot{1}} \underline{\dot{6}} \underline{\dot{1}6}$
 $\underline{6} \text{---} \underline{6} \underline{\dot{1}6} \text{ } ^v \underline{\dot{6}\dot{1}} \underline{\dot{2}\dot{1}} \underline{\dot{1}} \underline{6} \text{---} \underline{6} \text{---} \underline{6} - \underline{\dot{1}6} \underline{\dot{1}6} \underline{\dot{3}\dot{2}} \underline{1} \underline{\dot{3}\dot{3}\dot{2}} \underline{\dot{3}} \underline{\dot{5}} \underline{\dot{3}}$
 $\underline{\dot{3}\dot{2}} \underline{\dot{3}} - - \underline{\dot{3}\dot{2}} \underline{\dot{3}} \underline{\dot{2}\dot{1}} \text{ } ^v \underline{\dot{3}\dot{3}\dot{2}} \underline{\dot{3}} \underline{\dot{4}} \underline{\dot{3}\dot{3}\dot{2}} \underline{\dot{3}} \underline{\dot{2}\dot{1}} \underline{\dot{3}\dot{2}} \underline{\dot{3}} \underline{\dot{3}\dot{2}} \underline{\dot{1}\dot{6}} \underline{\dot{2}\dot{1}} \underline{\dot{3}\dot{3}\dot{2}} \underline{\dot{3}\dot{2}\dot{1}}$
 $\underline{\dot{6}\dot{1}} \underline{\dot{2}} \underline{\dot{3}\dot{2}\dot{1}} \underline{\dot{6}\dot{1}} \underline{\dot{6}\dot{1}\dot{6}} \underline{6} \text{---} \underline{6} \underline{\dot{1}6} \underline{\dot{1}6} \underline{\dot{3}\dot{2}\dot{1}} \underline{\dot{3}\dot{2}\dot{3}} \underline{\dot{3}\dot{2}\dot{1}} \underline{\dot{6}\dot{1}} \underline{\dot{6}\dot{1}\dot{6}} \underline{\dot{6}\dot{1}\dot{6}} \parallel$

台灣民族誌數位影音典藏計畫

(九) 邱善吉 (單管)

♩ = 120

實音記譜

賴朝財採譜分析

The musical score is written on six staves. Each staff begins with a treble clef and a key signature of two sharps (F# and C#). The notation includes various note values (quarter, eighth, and sixteenth notes), rests, and slurs. Above the notes, there are several upward-pointing arrows indicating breath or attack points. Some notes are marked with a '+' sign. The score concludes with a double bar line on the final staff. A large, semi-transparent purple watermark is centered across the middle of the page, reading '台灣民族誌數位影音典藏計畫'.

$\text{♩} = 120$
E大調

邱嘉吉 (軍管口笛) (報郭阿梓譜)

$2 \text{---} 2 \text{---} 5 \text{---} 5 \text{---} 5 \text{---} 5 \text{---} 6 \text{---} 6 \text{---} 5 \text{---} 5 \text{---} 2 \text{---} 1 \text{---} 2 \text{---} 2 \text{---} 5 \text{---} 5 \text{---} \checkmark$
 $5 \text{---} 6 \text{---} 6 \text{---} 5 \text{---} 6 \text{---} 5 \text{---} 2 \text{---} 1 \text{---} 2 \text{---} 1 \text{---} 6 \text{---} 1 \text{---} 2 \text{---} 1 \text{---} 6 \text{---} 5 \text{---} 5 \text{---} \checkmark$
 $6 \text{---} 1 \text{---} 2 \text{---} 1 \text{---} 2 \text{---} 2 \text{---} 2 \text{---} 3 \text{---} 2 \text{---} 1 \text{---} \checkmark \quad 1 \text{---} 2 \text{---} 3 \text{---} 2 \text{---} 3 \text{---} 2 \text{---} 1 \text{---} 6 \text{---} 1 \text{---} 2 \text{---} \checkmark$
 $2 \text{---} 3 \text{---} 2 \text{---} 1 \text{---} 2 \text{---} 3 \text{---} 2 \text{---} 3 \text{---} 2 \text{---} 1 \text{---} 6 \text{---} 1 \text{---} 2 \text{---} 1 \text{---} 2 \text{---} 3 \text{---} 2 \text{---} 3 \text{---} 2 \text{---} 1 \text{---} 2 \text{---} 3 \text{---} 2 \text{---} 6 \text{---} 2$
 $6 \text{---} 2 \text{---} 6 \text{---} 5 \text{---} 6 \text{---} 5 \text{---} 5 \text{---} 5 \text{---} 5 \text{---} 5 \text{---} 5 \text{---} 5 \text{---} \checkmark$
 $6 \text{---} 1 \text{---} 6 \text{---} 5 \text{---} 6 \text{---} 5 \text{---} 5 \text{---} 6 \text{---} 5 \text{---} \parallel$

台灣民族誌數位影音典藏計畫

(二) 製作吹氣孔

1. 將乾燥之竹材於較粗之一端保留竹節，約50公分之長度，兩邊截斷之。

2. 餘留竹節處用銳利小刀削平，直到將中間凹陷處削平為止。

3. 在凹陷中心點（竹節最薄處）用尖刀挖小孔，以便穿出吹氣口。

4. 再用已磨尖之竹籤穿入吹孔，直到將中間凹陷處削平為止。

(三) 製作指孔

1. 確定指孔位置

將竹管末端向上約10公分處，畫上第一個指孔位置。

將竹管最遠中之距離，畫上其餘指孔位置。

邱嘉吉 (軍管口笛)

1. 音域

2. 音階

3. 起音音型

4. 終止音型

台灣民族誌數位影音典藏計畫

邱嘉吉 指法 (根據賴朝財採譜)

右手 [食中無]

食中無

本曲中無指按着不用

全用不使用

B↑

C#

E

F#

G#↑