

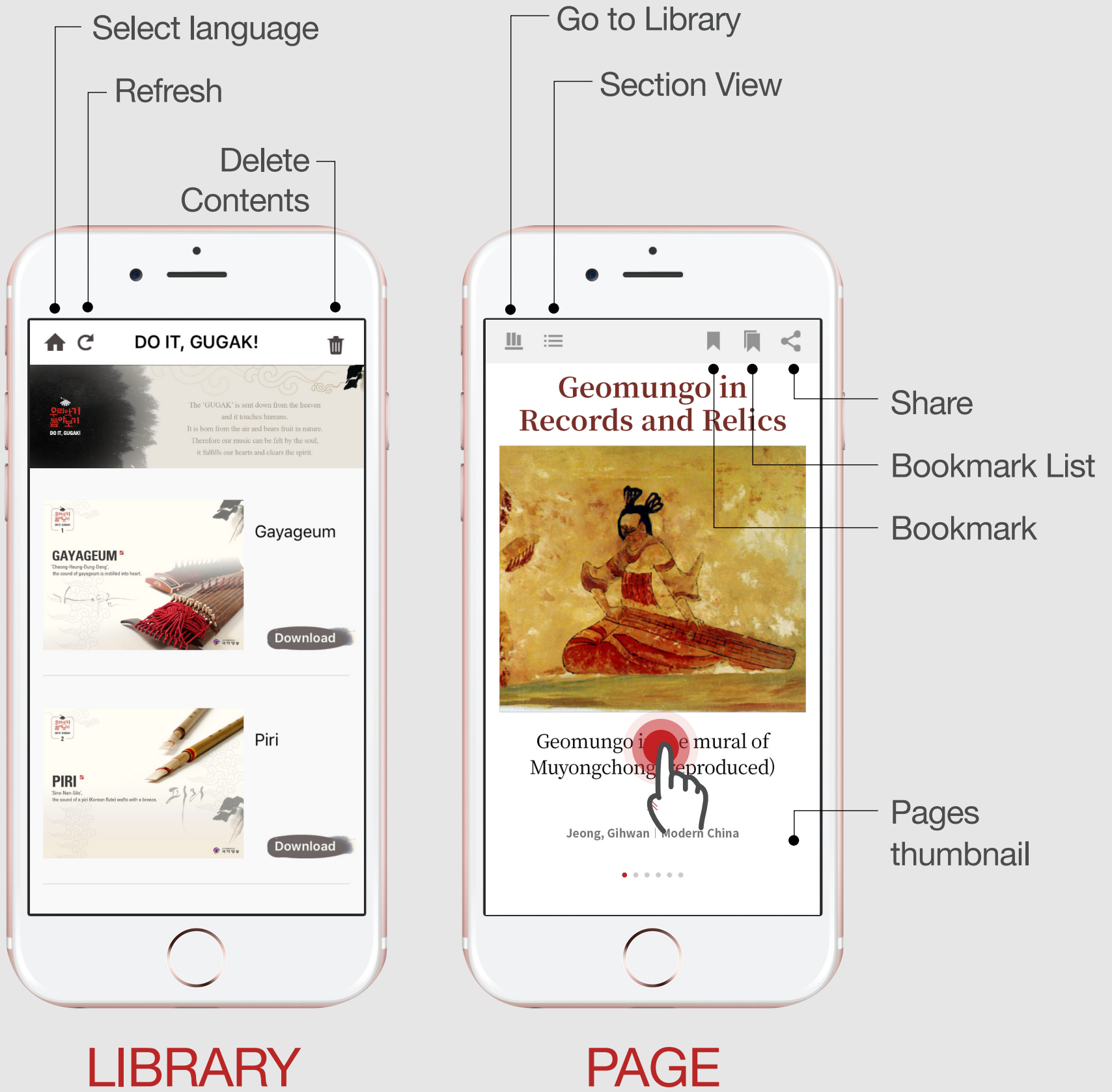
거문고

거문고 소리 '슬-기둥 뜰 흥',
심연에 울리다.

GEOMUNGO 'Seul-gidung ddeul heung'
The sound of geomungo, vibrating in the abyss



HOW TO USE



Open viewer menu by double tapping

ICON HOW TO USE



Detail View



Listen to Music



Text Scroll



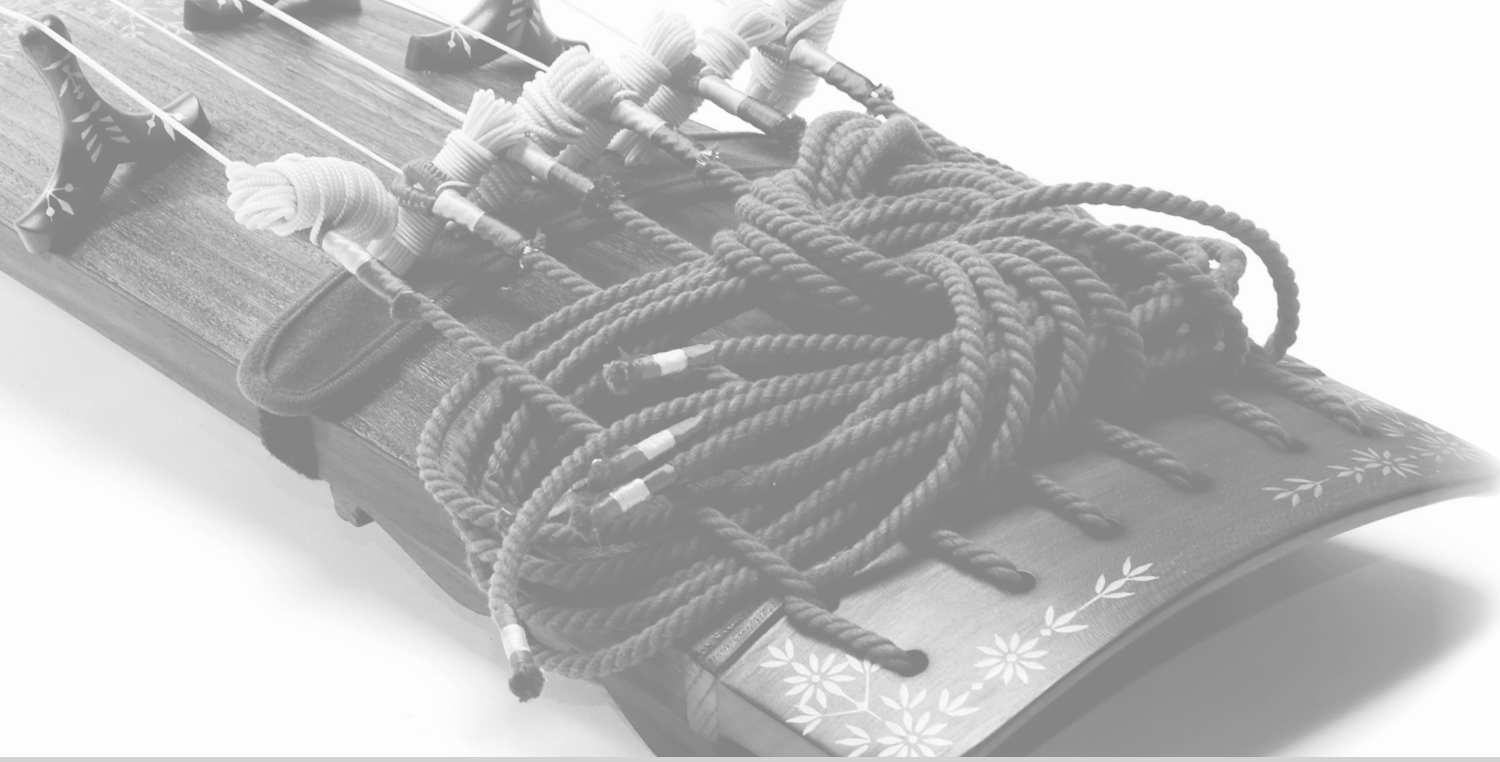
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Geomungo at a Glance

The Origin and Transmission of Geomungo

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Making Geomungo



GEOMUNGO AT A GLANCE

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The Origin and Transmission of Geomungo



Geomungo is one of the representative Korean zithers. It has a long history of 1,600 years; it first appeared in the mural during the Goguryeo Dynasty (37 BC - 668) and had been a representative instrument of the

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The Origin and Transmission of Geomungo

Unified Silla Kingdom (668-935). It was favored by the literati class and a significant instrument in pungnyubang (upper-class male gathering place) culture throughout the Goryeo (918-1392) and Joseon (1392-1910) Dynasties.

The Korean word of Geomungo—‘거문고’—combines the word ‘검’ (pronounced ‘gam’) meaning Goguryeo, with the word ‘고’ (pronounced ‘go’) meaning zither. As gaya-geum, also called ‘gayatgo,’ refers to the ‘zither of Gaya Dynasty,’ geomungo can be translated as the ‘zither of Goguryeo.’ The geomungo is often named as hyeongeum (玄琴) in old literature, which is related to records on the origin of geomungo writ-

The Origin and Transmission of Geomungo

ten in “Akji (樂志)” of Samguksagi (三國史記 History of the Three Kingdoms).

“The people of the Jin (晉) Dynasty sent the chilhyeongeum (七絃琴, lit., seven-string zither) to Goguryeo. The people of Goguryeo recognized it as a musical instrument, but did not know how to play it. At that time, Wang Sanak, the prime minister of the Goguryeo Dynasty, modified its structure and technique, retaining the original shape, and composed and performed 100 pieces of geomungo music. When he played music, a black crane flew from the sky and danced around him. For this reason, the instrument was named hyunhakgeum (玄鶴琴, lit., black crane zither), but it was later

The Origin and Transmission of Geomungo

abbreviated as hyeongeum (玄琴).”

This folktale about the geomungo and the black crane, the best-known record on the origin of geomungo, has been cited often in old literature such as Akhakgwebeom, Yanggeumsinbo, and Bangsanhanssigeumbo. It emphasizes the cultural symbolism and mysticism of Geomungo. Geomungo, associated with this origin, has been known as the ‘black zither’, while it is now widely accepted that Geomungo means ‘zither of Goguryeo.’

Samguksagi records the geomungo as a revised instrument based on chilhyeongeum of the Jin Dynasty. However, there is

The Origin and Transmission of Geomungo

speculation that a string instrument of the Donggi people is an ancestral instrument of geomungo and is believed to have existed in the Goguryeo period. Therefore, Wang Sanak is believed to have developed the geomungo based on an ancient zither 𠄎 𠄎 (pronounced ‘gamgo’), referring to the zither of the Jin Dynasty. The record that Wang Sanak wrote about 100 pieces suggests that Goguryeo people enjoyed playing and listening to geomungo music.

When geomungo was first transmitted in the Unified Silla, it was depicted as either a “mysterious instrument” or an “instrument that [not just] anyone can play.” According to Samguksagi, the performance

The Origin and Transmission of Geomungo

of geomungo in the Unified Silla was handed down by efforts of several important figures such as Ok Bogo (玉寶高), Song Myeongdeuk (續命得), Gwi Geum (貴金), and Yun Heung (允興). Since the end of the eighth century, geomungo had been proactively transmitted and had finally been rooted in the music culture of the Unified Silla. The geomungo compositions reached a hundred pieces and geomungo became the representative string instrument along with gayageum and hyangbipa of the Unified Silla.

Geomungo in the Goryeo Dynasty was transmitted as music for the royal court ensemble and for the cultivation of the literati. Ge-

The Origin and Transmission of Geomungo

Geomungo was featured in “Hallim byeolgok” (翰林別曲), a piece of goryeo gayo (music of Goryeo), along with such instruments as gayageum, bipa, daegeum, and haegeum. All of these instruments played an important role entertaining Hallim Confucian scholars. “Yeoljeon” (列傳) in Goryeosa (高麗史 History of Goryeo) shows that people with nobility and a broad-minded personality were often identified as the ones who “enjoy both geomungo and go (琴碁).” Therefore, geomungo began to emerge as a musical instrument associated with the life of the literati (seonbi) passing through the Goryeo Dynasty.

Geomungo’s association with the literati

The Origin and Transmission of Geomungo

was also transmitted to the Joseon Dynasty, and the literati showed great affection for the geomungo including Seong Hyeon (成俔), who led the compilation of Akhakgwebeom; Jeong Cheol (鄭澈), a master of gasa literature in the Joseon era; and Hong Daeyong (洪大容), a famous Confucian scholar of the Realist School in the late Joseon period. In the gomungo notation of the Joseon Dynasty, called Hyeongeum dongmun yugi, there is a phrase “Geum (琴) which means geum (禁 to prohibit) and additionally implies “to prohibit an evil mind.” This suggests that the scholars of the Joseon period played geomungo as a kind of discipline to foster a pure mind. They were not supposed to play geomungo, for example, “when fac-

The Origin and Transmission of Geomungo

ing strong winds and heavy rain, in crowded market streets, or if facing a vulgar person; or when one cannot sit properly and when one is not properly dressed.” To the literati of Joseon, the sound of geomungo symbolizes the sound of mind of the literati, properly dressed, makes and delivers to his friends in a quiet place. With this symbolism, geomungo was considered “Baekakjijang” (百樂之丈, lit. the best of all musical instruments), and became the most important musical instrument in the pungnyubang culture where the literati interacted with poetry and music in the late Joseon period.

[Reference]

National Gugak Center. 2014. Hangukui akgi [Korean Musical Instruments]. Seoul: Dolbegae.

Song, Bang Song. 2007. Jeungbo hanguk eumak tongsa [Rev.

The Origin and Transmission of Geomungo

Korean Music History]. Seoul: Minsokwon.

Song, Hyejin. 2001. Hanguk akgi [Korean Musical Instruments].
Seoul: Yeolhwadang.

Song, Ji Won, 2010. Jangakwon ujueui seonyuleul damda
[Jakakwon, Contain the Melody Of the Universe]. Seoul: Chusubat.

Geomungo in the mural of the First Tomb of Jangcheon
(reproduced)



Geomungo in Records and Relics



Geomungo in the mural of
Muyongchong (reproduced)



Jeong, Gihwan | Modern China



Geomungo in Records and Relics



National Museum of Korea



Geomungo in Records and Relics



Geomungo in the mural of the Fifth Tomb of Ohoebun (reproduced)

Geomungo in the mural of the First Tomb of Jangcheon (reproduced)

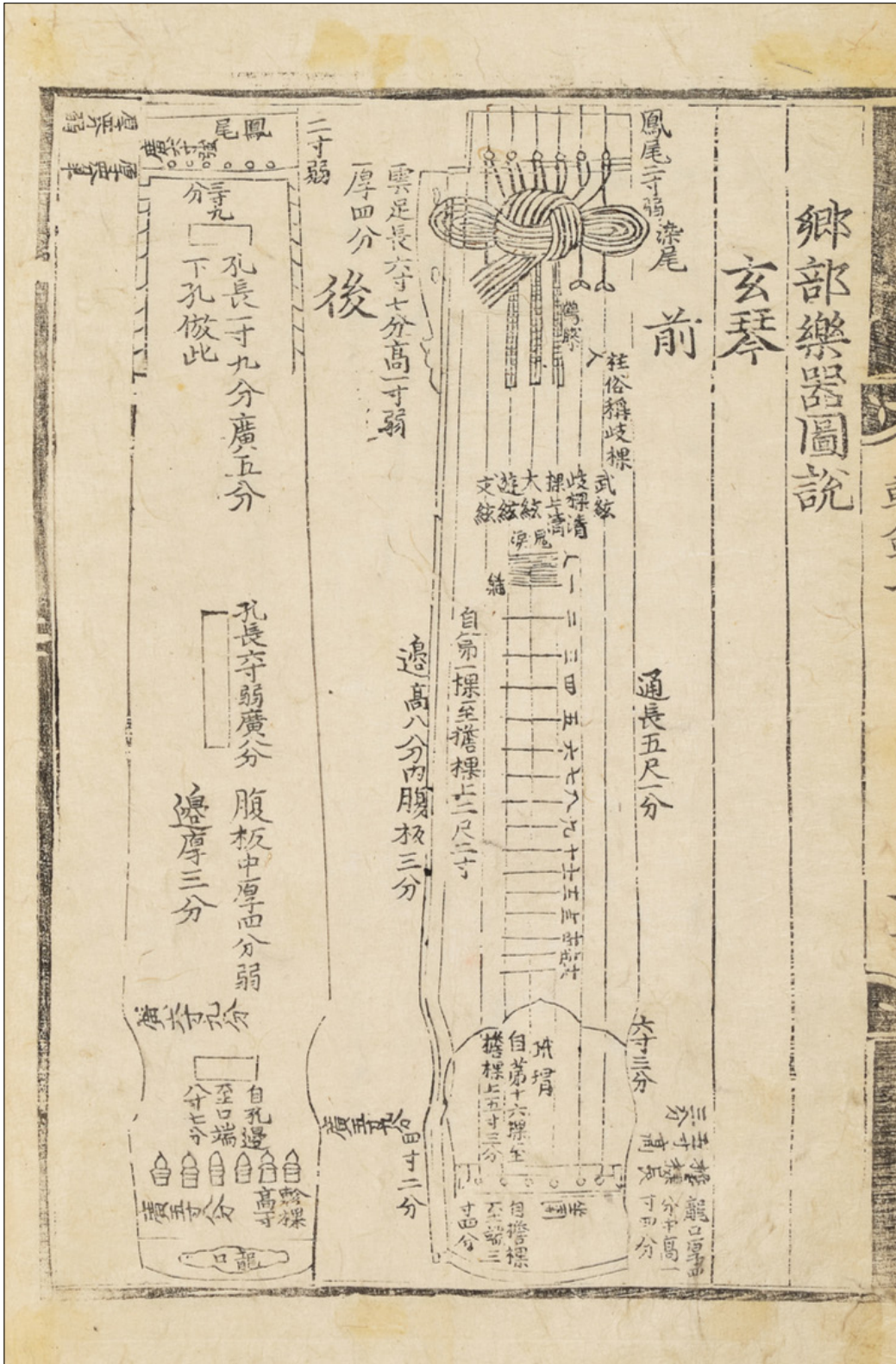
The instrument speculated as an early geomungo can be found in ancient Goguryeo

Geomungo in Records and Relics



murals. These instruments all have long rectangular bodies with strings on several frets.

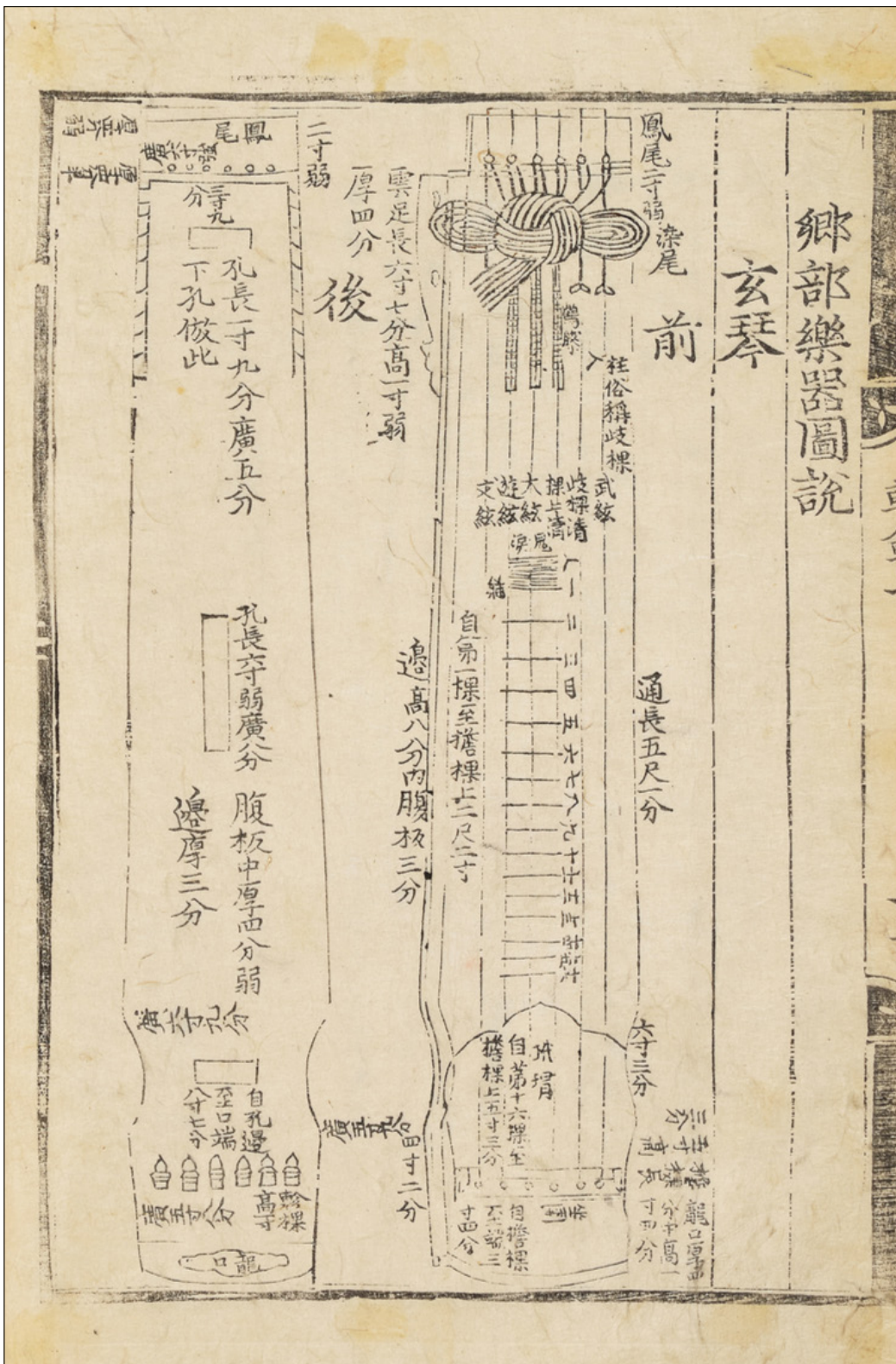
Geomungo in Records and Relics



Hyangbu akgidoseol
(郷部樂器圖說) in Akhakguebeom
Vol. 7



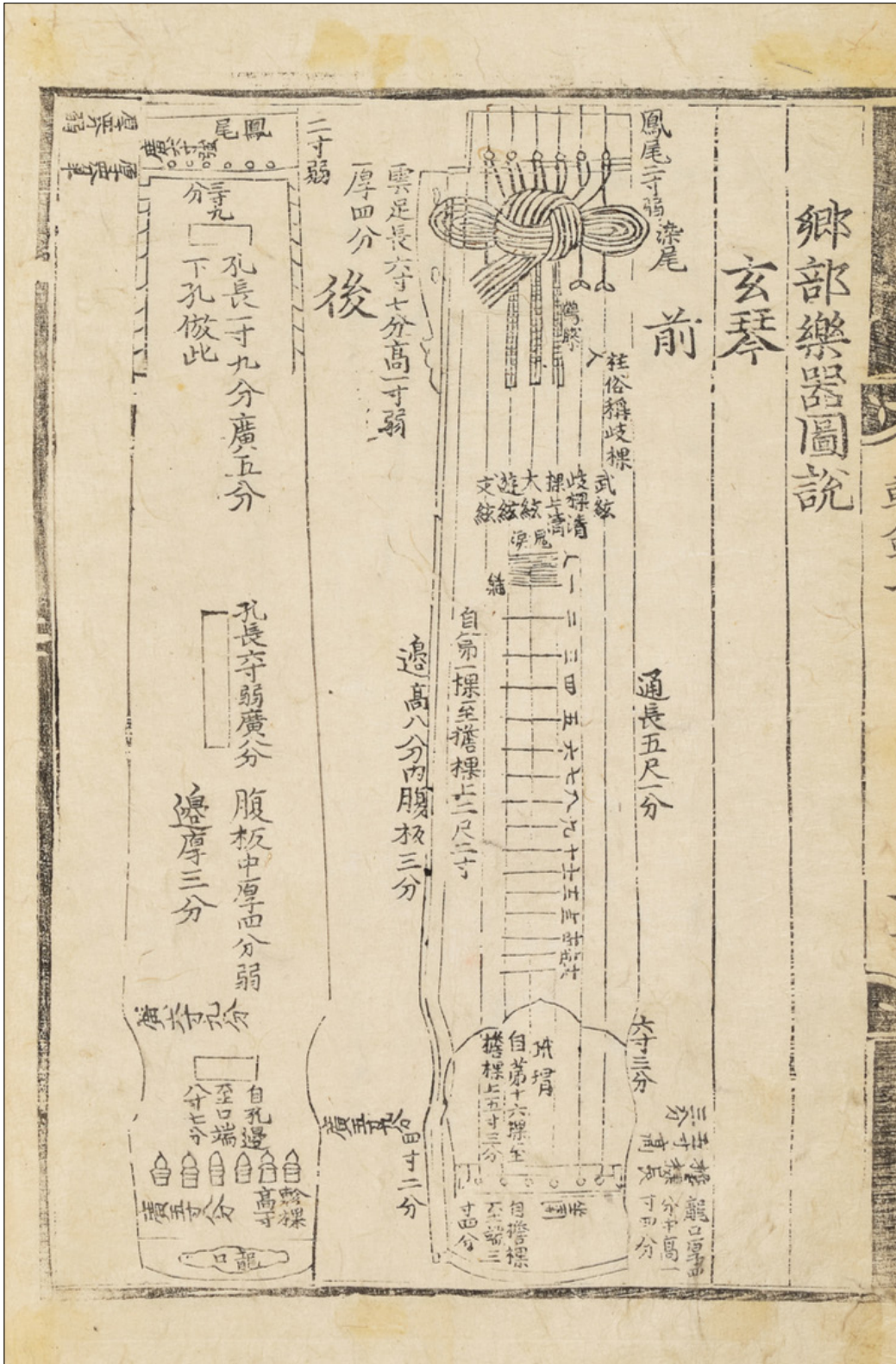
Geomungo in Records and Relics



Government compilation | National Gugak Center
King Seongjong 24th (1493), Joseon

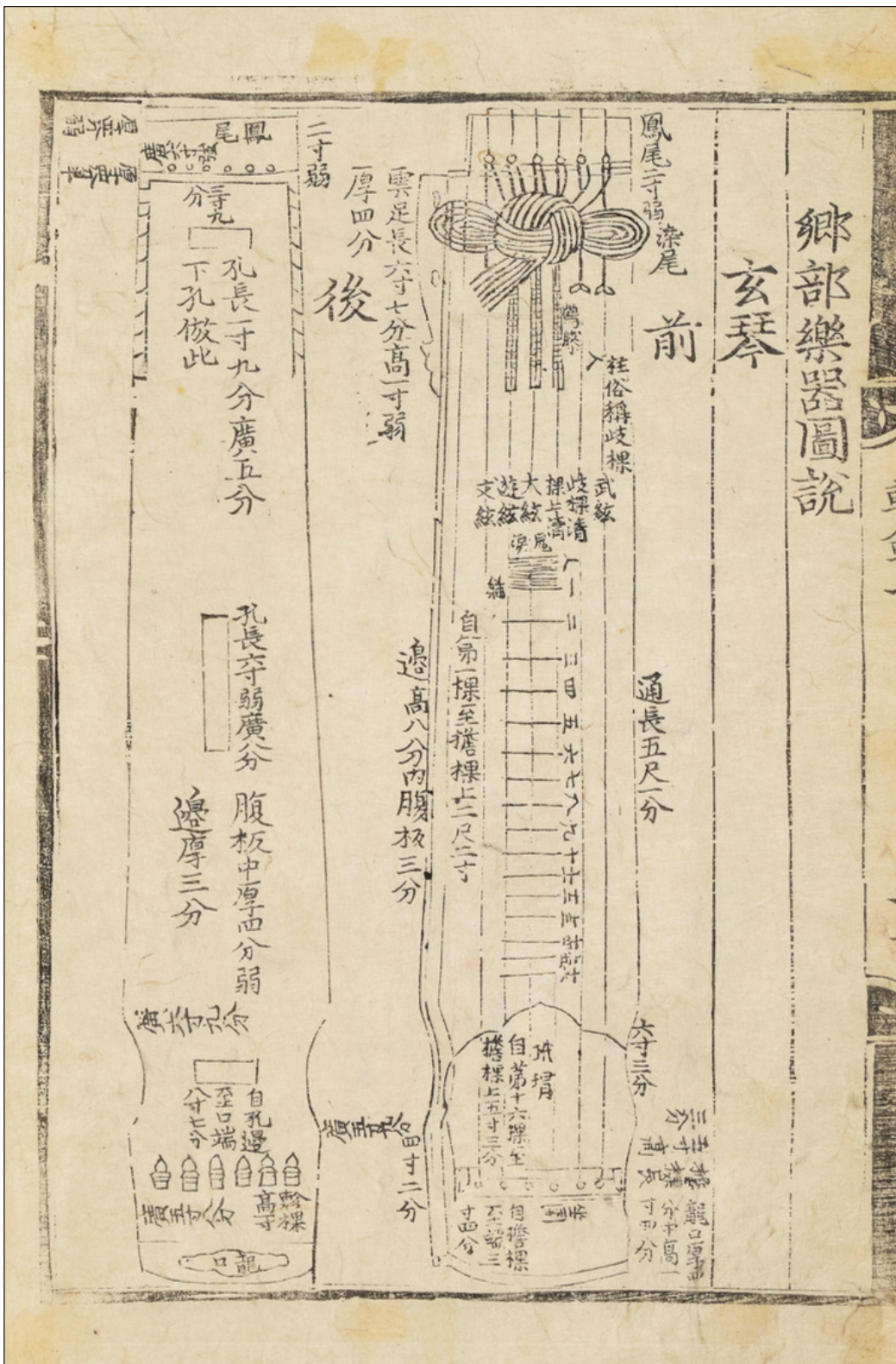
Akhakgwebeom (樂學軌範, Guide to the Study of Music) is the music literature written by

Geomungo in Records and Relics



Seong Hyeon, the Minister of Culture and Education, during the reign of King Seongjong. Hyangbu akgidoseol contains details of geomungo such as the materials, production

Geomungo in Records and Relics



process, tuning method, individual notes, and playing techniques, along with illustrations.

Geomungo in Records and Relics



Geumhapjabo (琴合字譜)

An, Sang | King Seonjo 5th (1572), Joseon
Gansong Museum of Art



Geomungo in Records and Relics



Geumhapjabo is the geomungo notation book compiled by An Sang, the government official of Jangakwon in the 5th reign of King Seonjo. This tablature is an important

Geomungo in Records and Relics



King Seonjo. This tablature is an important source for studying old geomungo music since it specifies playing techniques in the notation method that identifies the playing

Geomungo in Records and Relics



techniques of both hands, the names of the strings, and the sequence of the frets.

Geomungo in Records and Relics



Tuning Geomungo

Sin, Yunbok | early 19th century, Joseon
29.6cm × 24.5cm | National Museum of Korea



Geomungo in Records and Relics



The folk paintings by Sin Yunbok often feature the musical instruments of pungnyubang including geomungo. This painting depicts a woman fixing a geomungo

Geomungo in Records and Relics



string and also describes how to control the tension of a string by turning dolgwae (pegs) on the back plate.

Geomungo in Records and Relics



Tangeum (彈琴, Playing Geomungo)

Seong, Hyeop | 19th century, Joseon
33.2cm × 33.3cm | National Museum of Korea



Geomungo in Records and Relics



This painting by Seong Hyeop depicts how the literati enjoyed music and also describes a player who is pressing strings with the left hand.

Geomungo in Records and Relics



Takyeonggeum (濯纓琴)



Treasure 957 | King Seongjong 21th (1490), Joseon
160cm × 190cm | Daegu National Museum
Kim, Sangin (donator)

Geomungo in Records and Relics



This geomungo is speculated to be made by the scholar Kim Ilson in the reign of King Seongjeong (1469-1494). According to Takyeongjip, Takyeonggeum was made of

Geomungo in Records and Relics



paulownia wood, estimated more than 100 years old, which was taken from the door of the senior woman's house near his town.

Making Geomungo



① Choosing and drying wood

For a front plate of geomungo, paulownia wood with a diameter of at least 30 cm and a tight ring should be selected to cut easily and to make a good sound. For a back plate, chestnut wood is used. The wood for the instrument should be dried carefully in a well-ventilated place and requires regular turning over to maintain a proper shape.



Making Geomungo



② Making a soundboard

A firm and well-dried paulownia wood should be selected for a soundboard. One needs to cut the outer, inner and corners of the wooden plate with a saw and a plane to make the shape of the soundboard.



Making Geomungo



③ Attaching soundboard

When attaching wood to the edge of the top plate with the back plate, space should be created. One attaches the bottom plate using a glue and then tying with a string. It takes about one night for the bottom plate to dry and be secure.

Making Geomungo



④ Decorating jwadan and attaching bongmi, hyeonchim, unjok, and byeon

When the soundboard is completed, one should attach wooden ornaments such as jwadan (top), bongmi (“phoenix tail”), hyeonchim (head bridges), and unjok (“cloud foot”), and attach byeon (edge) to the side of the soundboard.



Making Geomungo



⑤ Ironing

One should burn the surface of the soundboard with a heated iron. This process not only removes the remaining dust from the wood to make a clear sound, but also prevents corrosion caused by harmful insects and moisture.



Making Geomungo



⑥ Attaching gwae (frets)

Frets are attached to the body of geomungo using a hard wood, and recently rose wood is used. When attaching frets, one should adjust the height of the frets by stretching the strings over them.



Making Geomungo



⑦ Attaching daemo (leather cover)

Daemo is the part of the leather attached on the soundboard to protect the instrument and to reduce noise when the instrument is struck with suldae (bamboo stick). For daemo, cowhide or wild boar skin is used.

Making Geomungo



⑧ Connecting strings

Geomungo has six strings: munhyeon (string1), yuhyeon (string2), daehyeon (string3), gwae-sangcheong (string4), gwaehacheong (string5), and muhyeon (string6). One should stretch each string over the soundboard and connect it to the loops called hakseul, using the budeul, the colored threaded cords made from cotton.

Making Geomungo



⑨ Tying budeul

The budeul consists of thick cords that affix the silk strings to the soundboard. After tying it to the instrument, the remaining ends of the cords should be gathered and shaped into a decorative shape, like the number 8, and tucked into the end of the instrument.

Making Geomungo



⑩ Setting anjok (movable bridges)

One should carve a groove on the anjok, appropriate for the thickness of each string. Then, one should fix anjok between the strings and the soundboard.

Making Geomungo



⑫ Tuning

When the last process of making an instrument is finished, one needs to adjust the tension of strings to the correct pitch tuning.





Details on Geomungo

Structure of Geomungo

Suldae and Golmu

How to tune the strings of the geomungo

Structure of Geomungo

Overall structure



Touch the Geomungo.

Geomungo is made up of a curved front plate attached to a flat back plate. The curved plate represents the sky while the flat bottom represents the land. On the front plate, which is made of paulownia wood, there are 16 frets beneath 6 strings through which a player presses strings with left hand to make a certain pitch, and a goose foot-shaped anjok that can be used to control pitches.

Structure of Geomungo

Overall structure



Touch the Geomungo.

The flat back plate is made of a different wood from the front plate. There are *dolgwae* to control tension by winding strings on the top of the back plate, while there are short legs called *unjok* on the bottom side of the instrument.

Structure of Geomungo

Detailed structure



Move Geomungo side to side



Yonggu(dragon's mouth)

Yonggu, literally meaning 'mouth of dragon', refers to the side of the upper end of the head. It is symbolical-ly symmetrical with bongmi (lit. 'tail of phoenix'), or the lower end part of geomungo.





Jwadan

Jwadan refers to the top part of geomungo, where the right hand is located to play with suldae.





Hyeonchim

Hyeonchim, literally meaning ‘pillow of string’, refers to a piece of wood that supports the strings on the head of geomungo. There are six holes at the top of the head through which the strings pass and are connected with dolgwae (pegs) on the back plate.





Daemo

Daemo, representing sea turtle's hump, refers to the leather cover used to prevent damage on the wood and unnecessary noise when hitting the strings with suldae.





16 gwae

Gwae is a piece of wood attached to the soundboard below the strings, with a function similar to frets of a guitar. There are a total of 16 frets, starting from 1st fret at the bottom to the 16th fret at the top; the height of frets gradually decreases as they progress toward the top.





Anjok

Anjok plays a function of delivering the vibration of strings to the soundboard and controlling pitch. It is called anjok because it resembles the shape of the feet of a goose. Unlike gwae, these are not fixed. As it is located closer to hyeonchim, the pitch of the string on it becomes higher.





6 Strings

There are six strings in geomungo--munhyeon, yuhyeon, daehyeon, gwaesangcheong, gwaehacheong, and muhyeon in order from close to a performer. Yuhyeon, daehyeon, and gwaesangcheong are placed above the 16 frets while munhyeon, gwaehacheong, and muhyeon are placed on anjok. Daehyeon is the thickest and munhyeon and uhyeon is the second thickest while yuhyeon is the thinnest, gwaehacheong is the second thinnest, gwaesangcheong is the third thinnest.





Hakseul

Hakseul literally means the knee of a crane. It is a joint part connecting the strings and budeul.





Budeul

Budeul, also called yeommi, refers to thick cords made by twisting colored thread. It plays a role of fastening the strings of the geomungo. The tension of the strings is controlled by pulling the budeul.





Bongmi

Bongmi literally means the tail of a phoenix. Made of wood and attached to the bottom of geomungo, it serves to fasten the budeul.





Dolgwae

Dolgwae, also known as jingwae, is located on the top of the back plate of geomungo. It is a device to control the tension of strings by winding it and thus adjusting the delicate sound of the pitch.





Unjok

Unjok, literally meaning cloud's foot, refers to short legs attached to the bottom of the back plate of the geomungo.





Yongji

Yongji, literally meaning the pond of the dragon, refers to the holes in the back plate of geomungo. There is the sanggong (top hole), junggong (middle hole), and hagong (bottom hole).



Suldae and Golmu



Golmu(thimble)

The golmu plays a role of protecting the ring finger of the left hand and helping to delivering its power to the instrument. When playing geomungo, one should press a string with a left hand so that the string tightly touches the fret. Accordingly, one should wear the leather thimble because the ring finger supports this action.

Suldae and Golmu

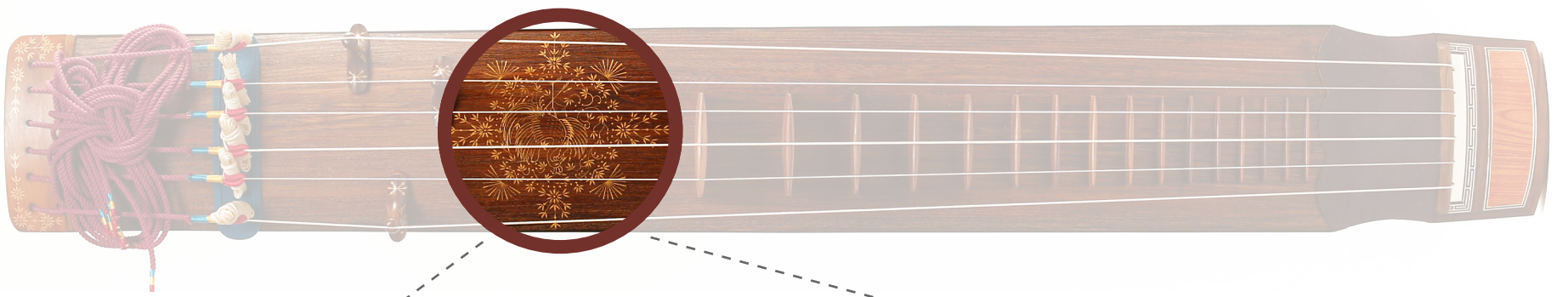


Suldae (pencil-sized bamboo plectrum)

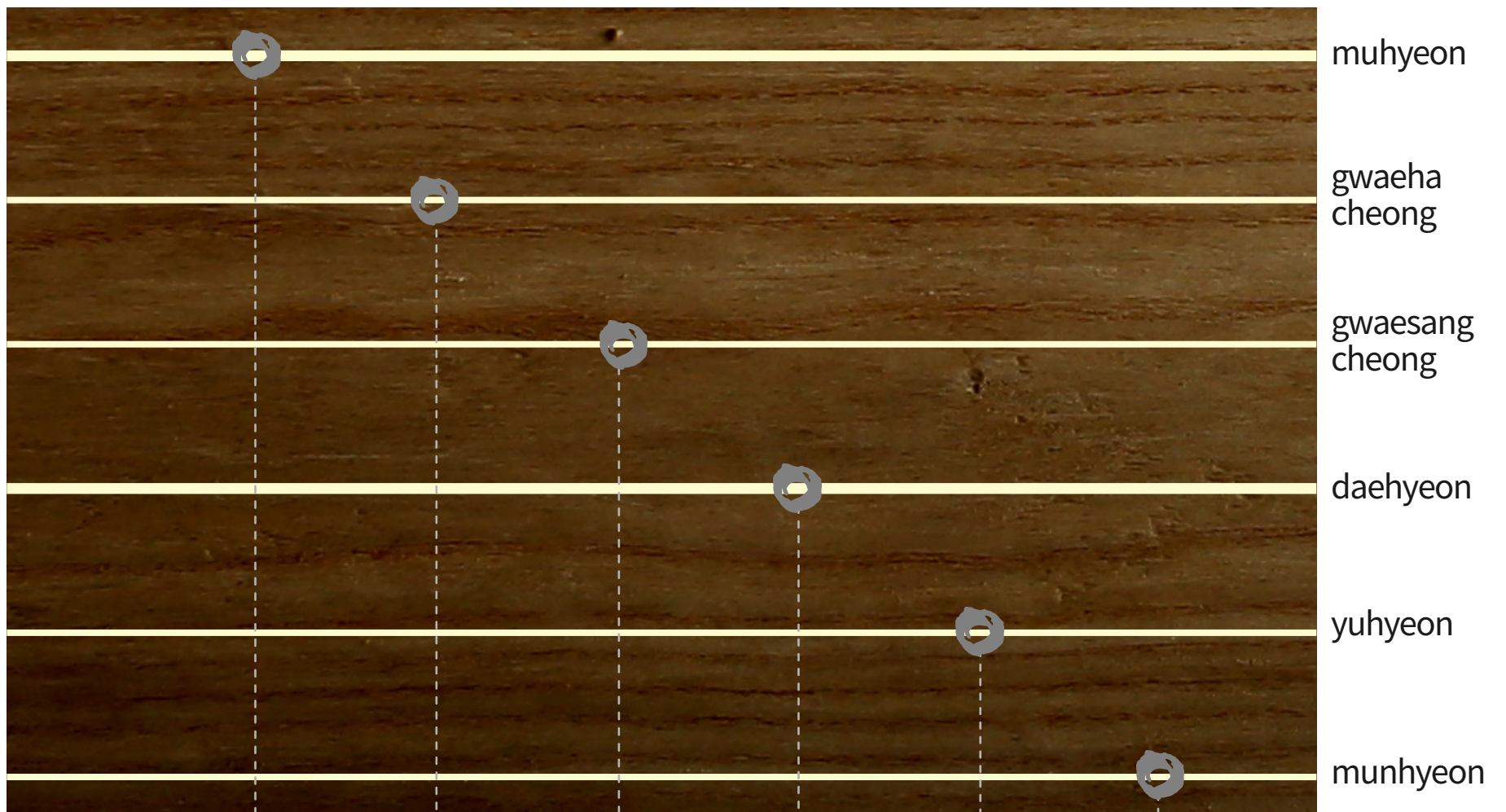
Suldae is a thin, 17 cm-long stick used to play the geomungo. One should hold it between the index and middle finger of the right hand, roll it with the index finger and support it with the thumb, in order to pluck or strike strings.

How to tune the strings of the geomungo

Open strings



Touch the musical note.



$\text{b}\bar{\text{o}}$ bo bo $\text{b}\bar{\text{o}}$ bo be o

B^{\flat} B^{\flat} B^{\flat} D^{\flat} A^{\flat} E^{\flat} F

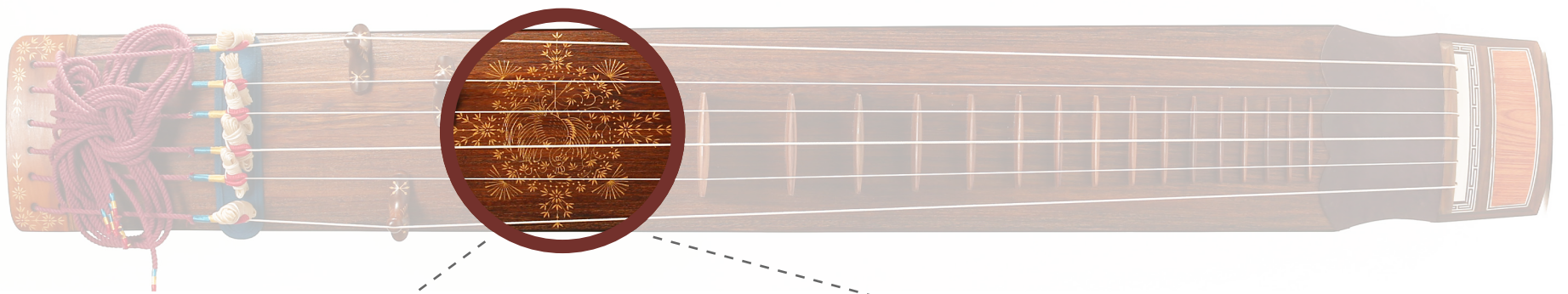
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* Tuning munhyeon as “F” for playing sanjo

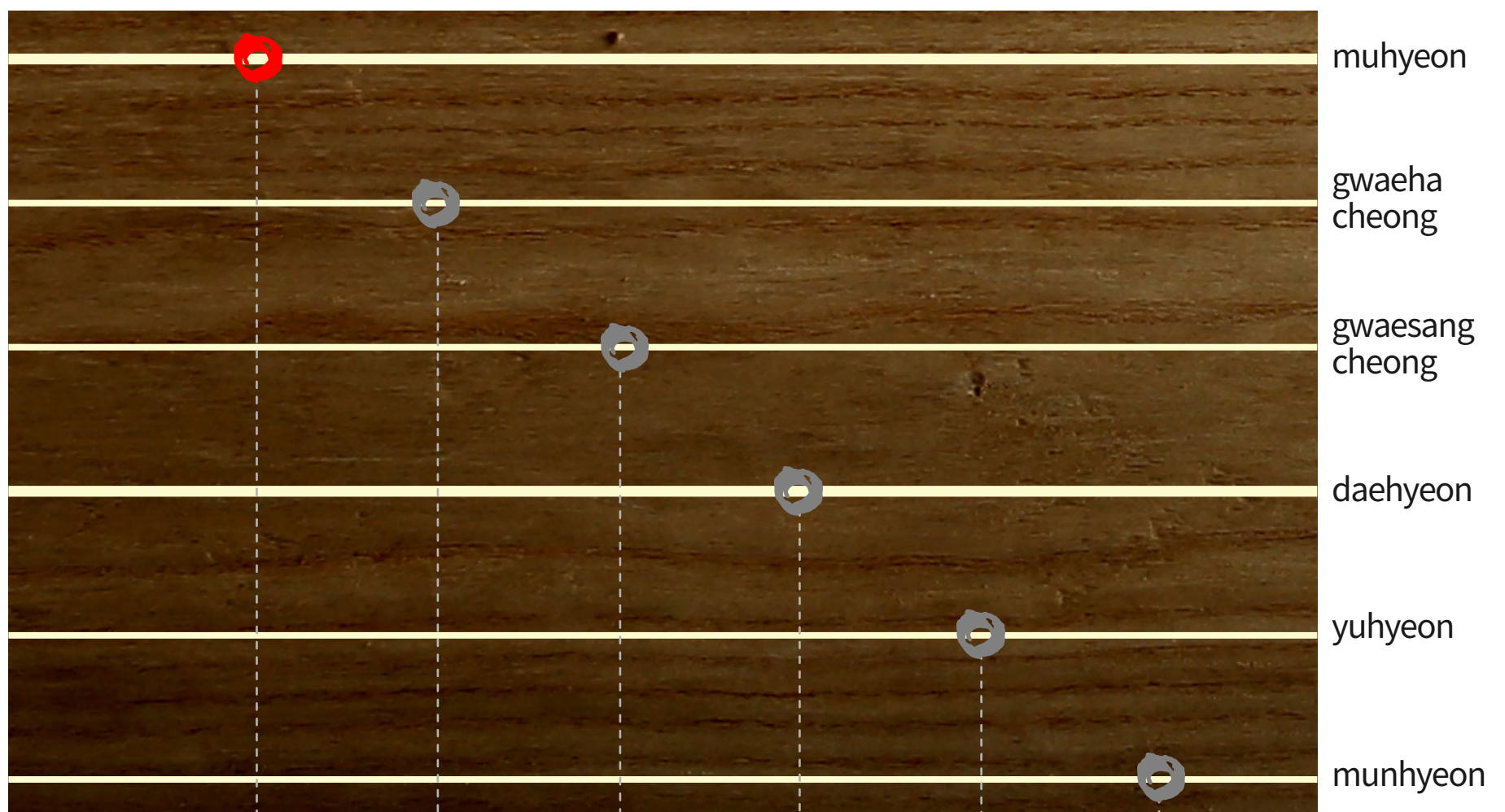
* When playing folk music, the open strings are tuned a major 2nd higher than the pitches indicated above.

How to tune the strings of the geomungo

Open strings



Touch the musical note.



B^b
(衿, im)

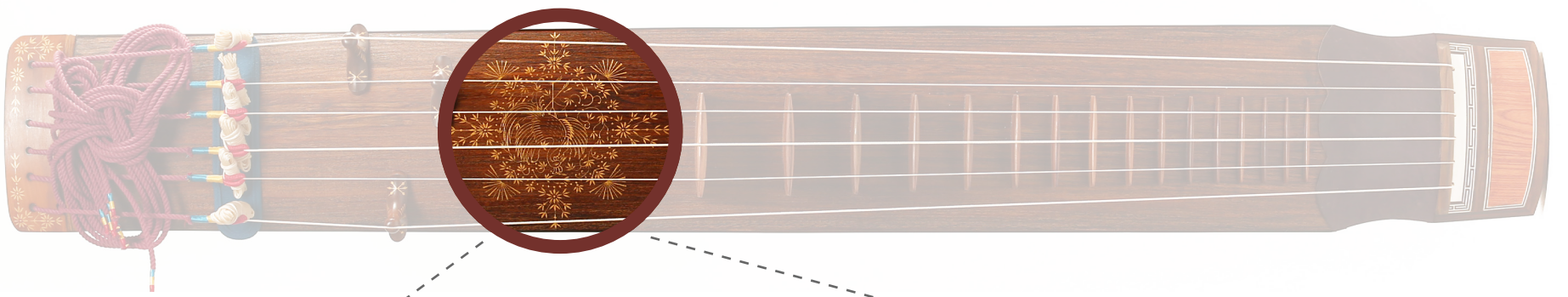
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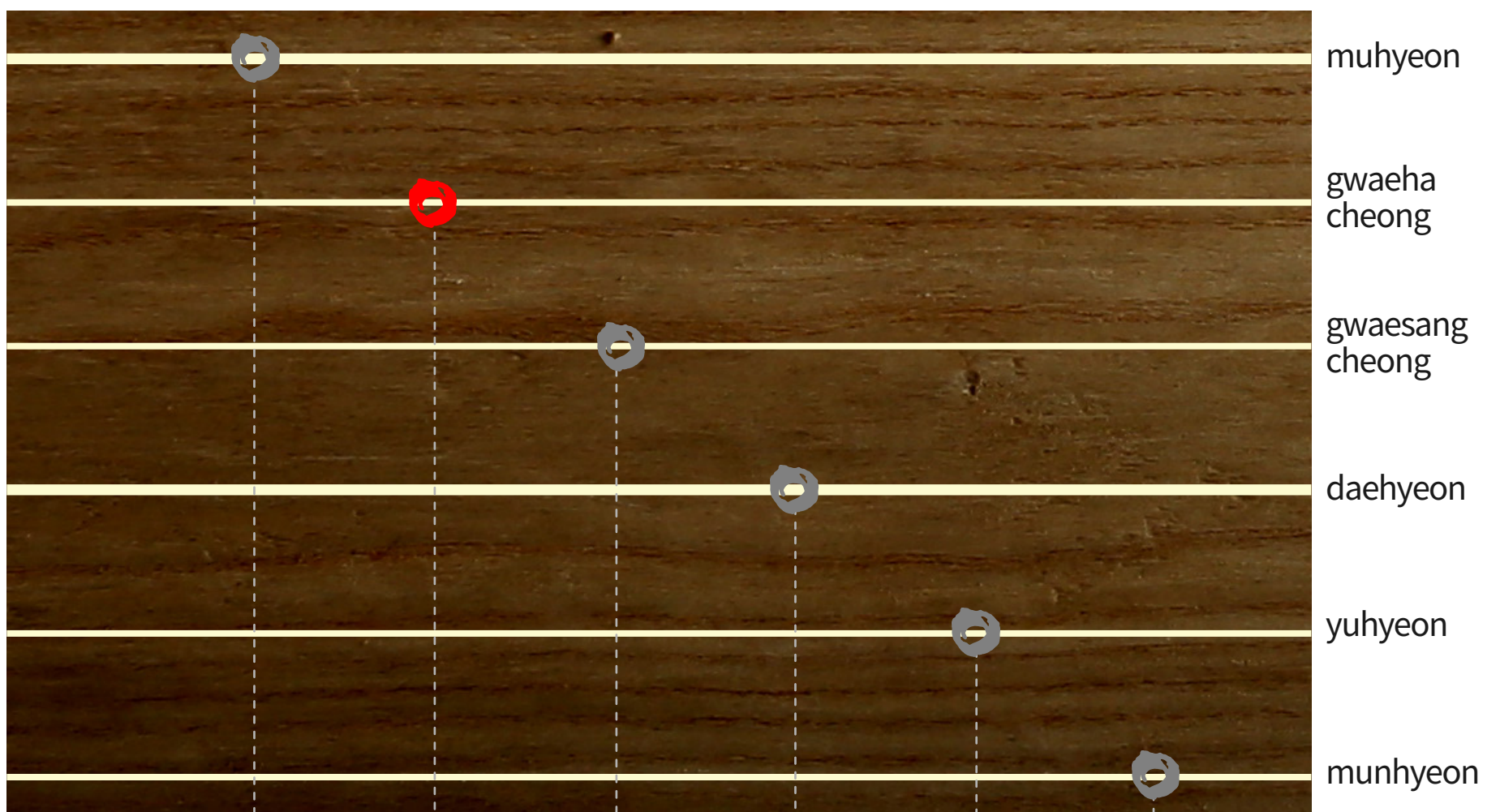
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How to tune the strings of the geomungo

Open strings



Touch the musical note.



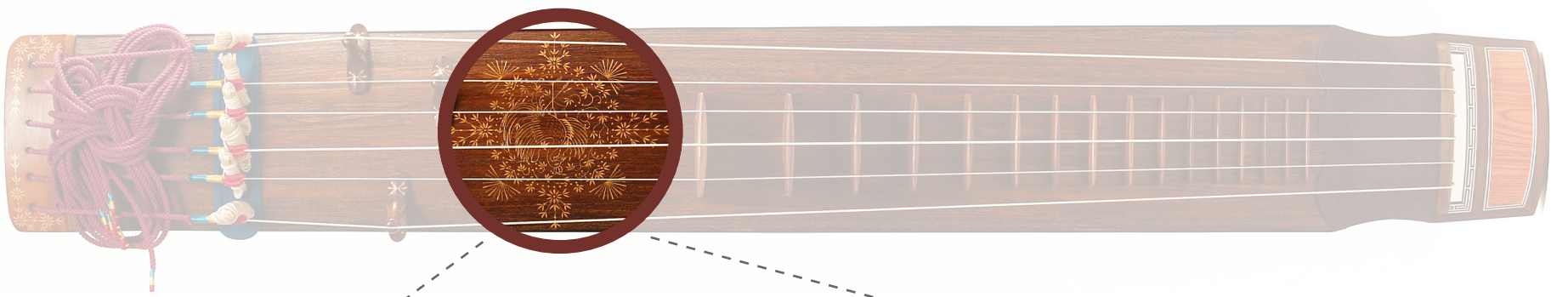
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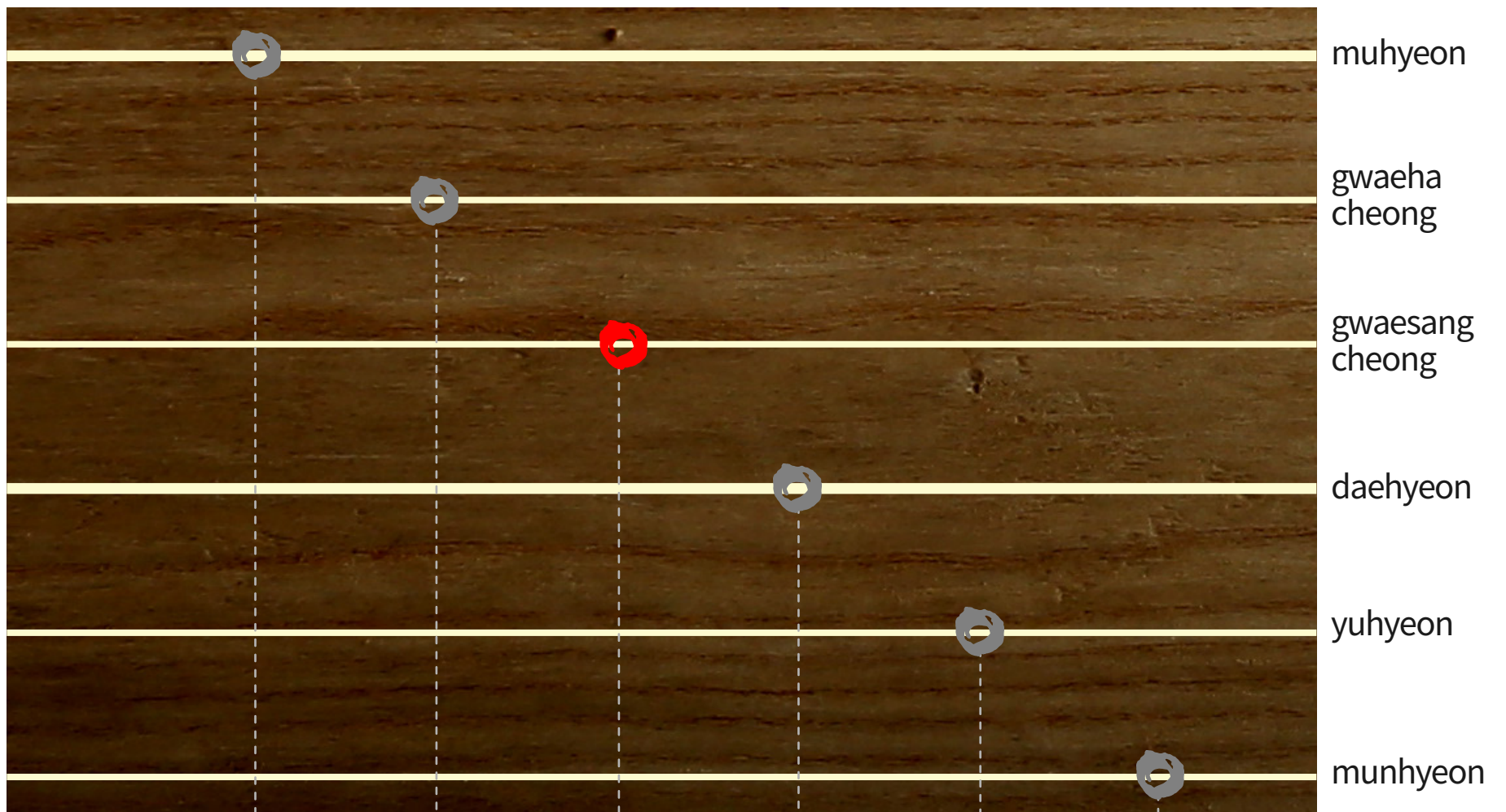
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How to tune the strings of the geomungo

Open strings



Touch the musical note.



$\flat\bar{o}$ $\flat o$ $\flat o$ $\flat o$ $\flat o$ $\flat e$ o

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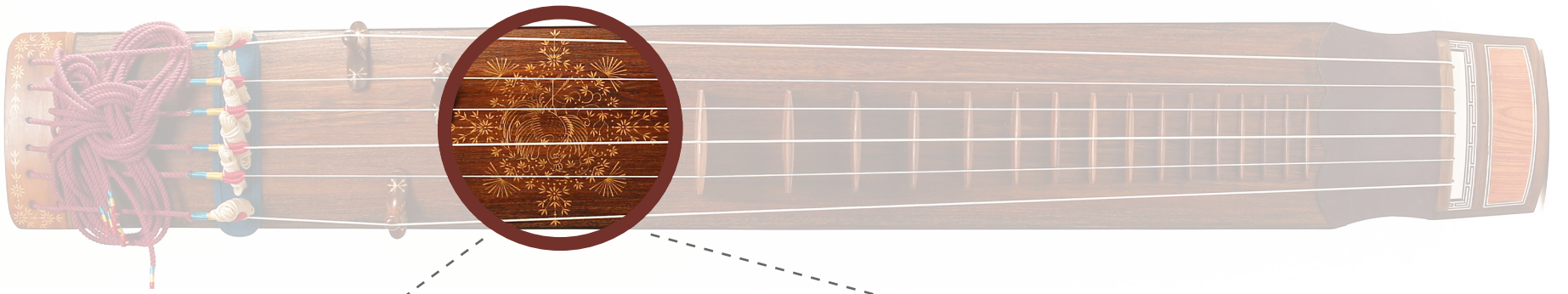
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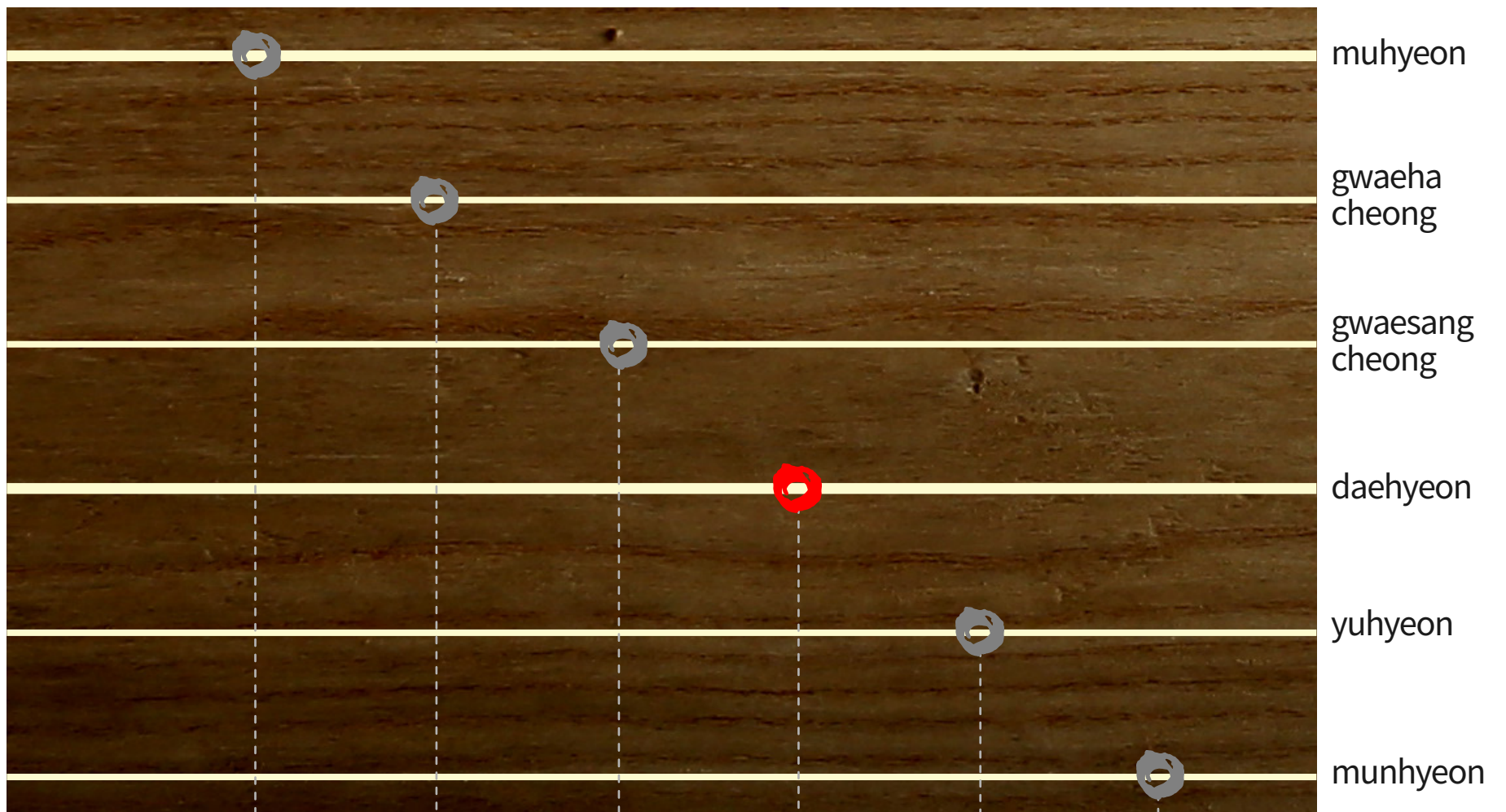
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How to tune the strings of the geomungo

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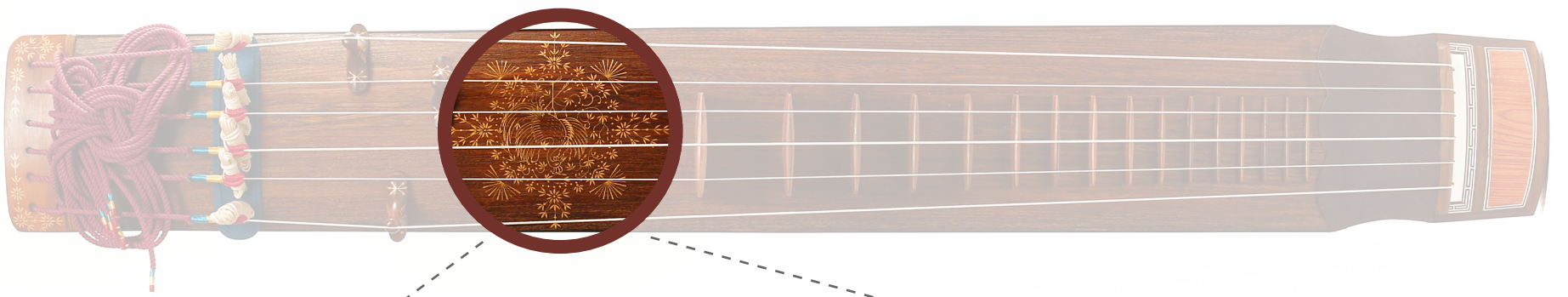
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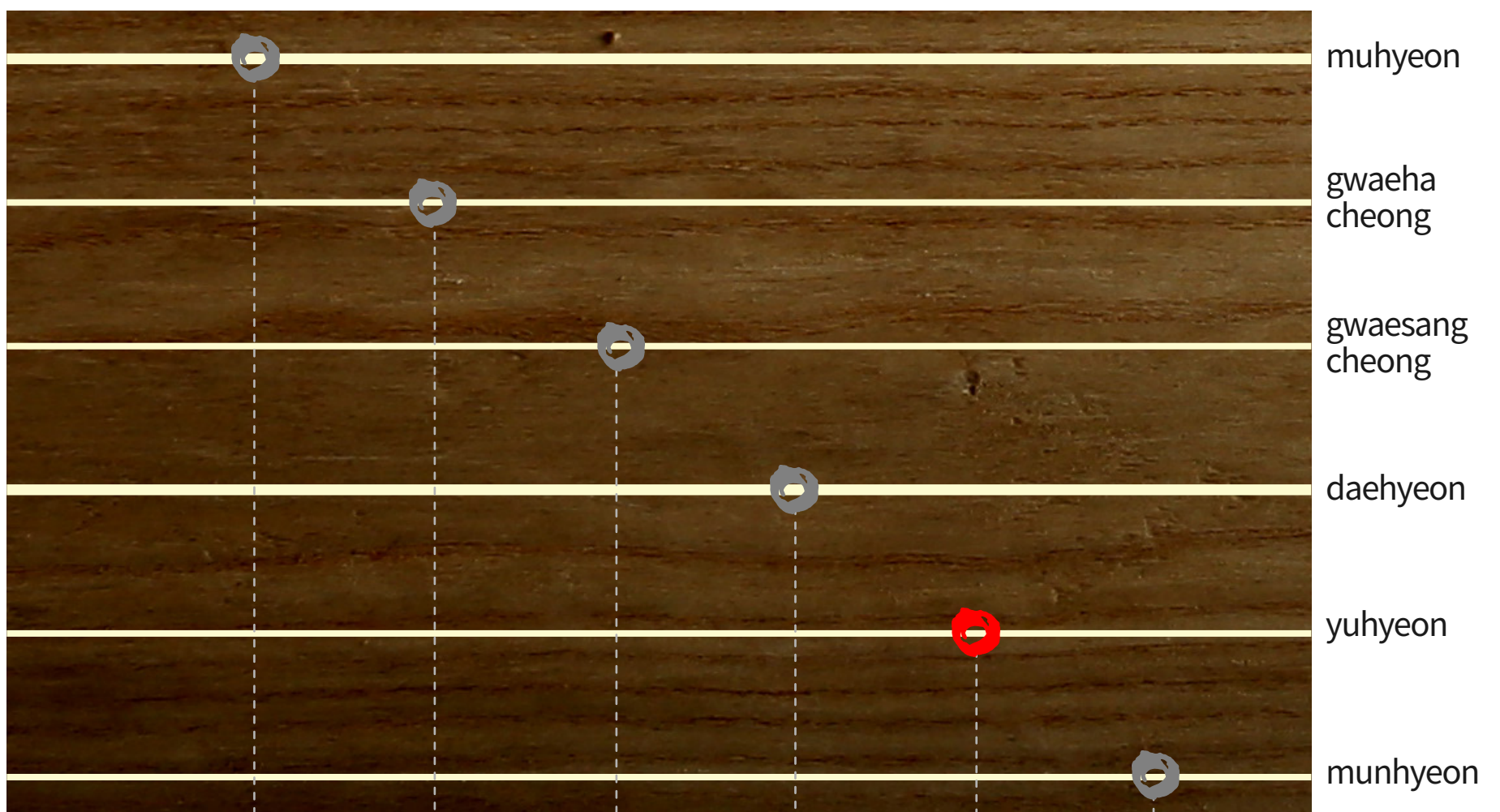
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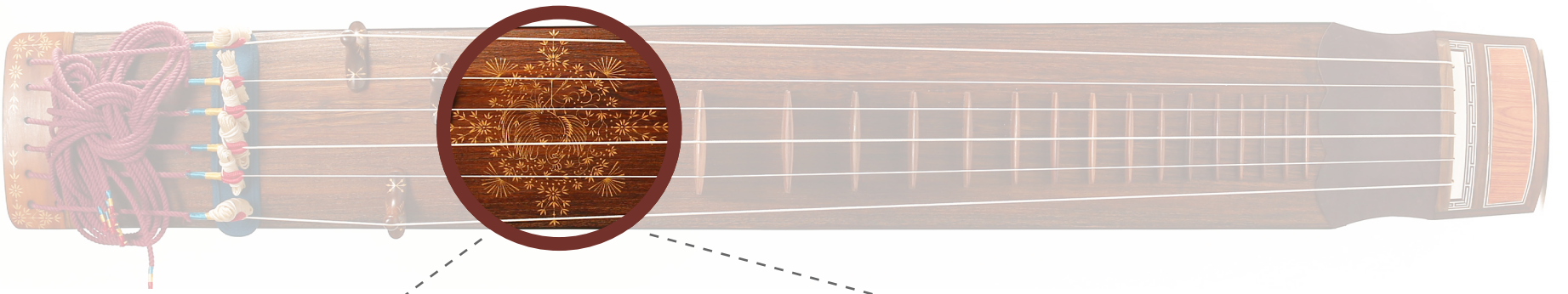
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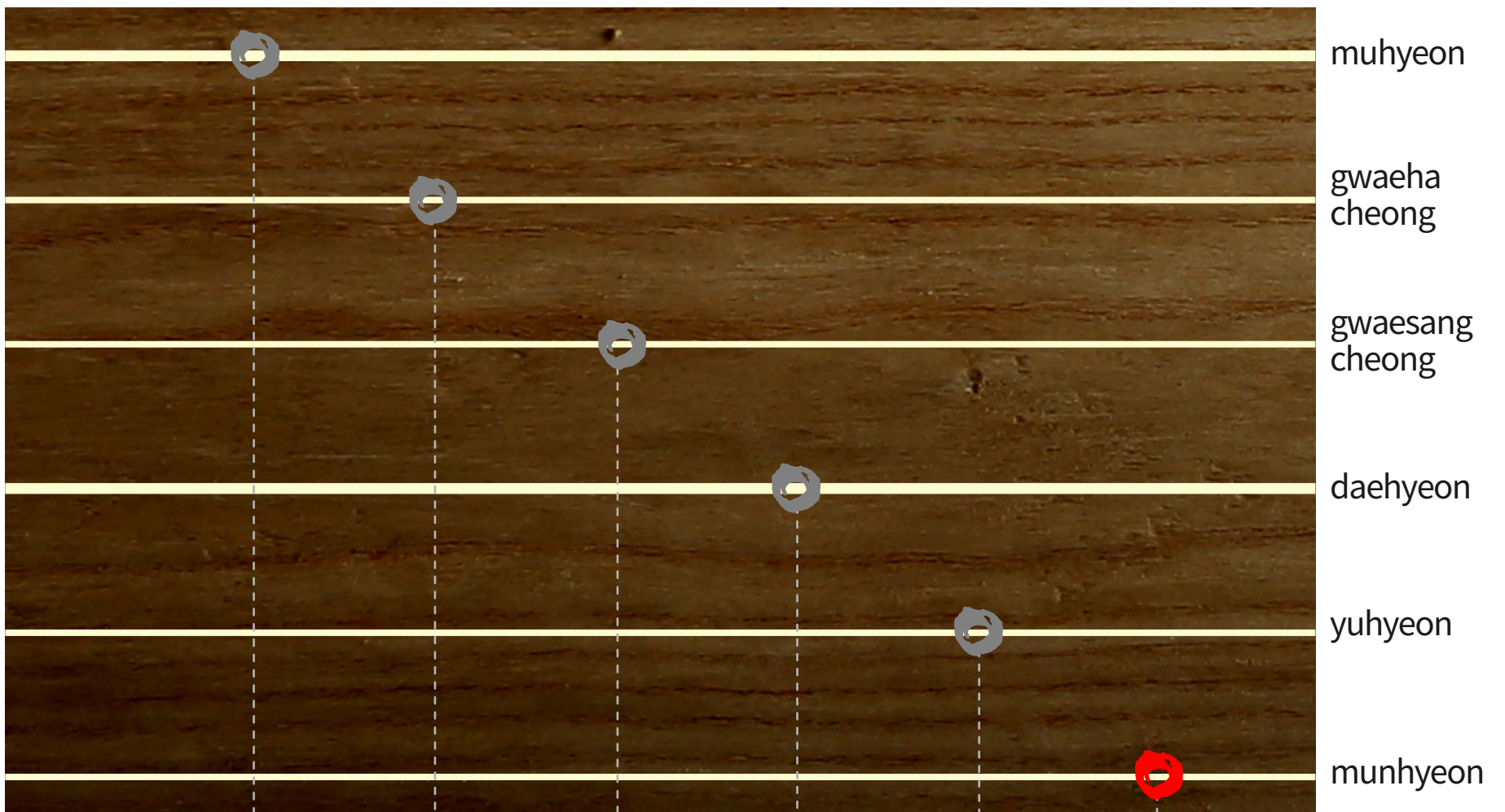
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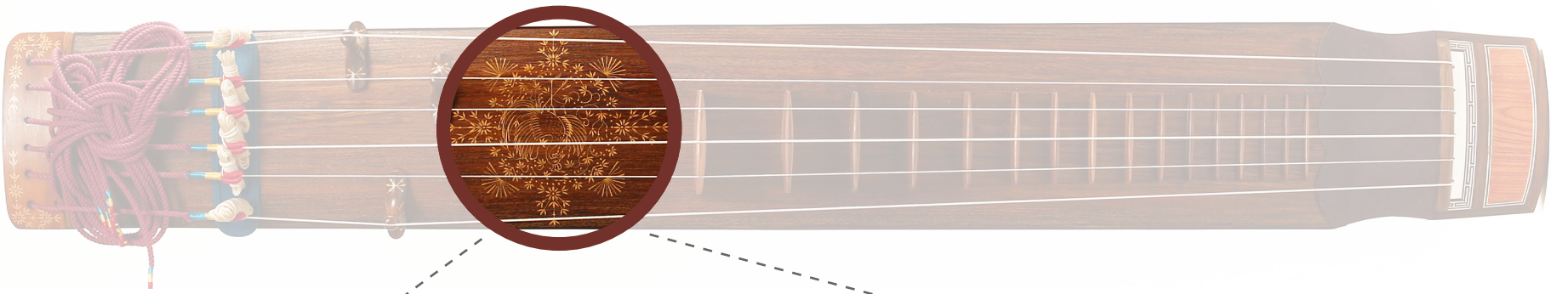
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(衿, im) (衿, im) (衿, im) (撫, mu) (仲, jung) (橫, hwang) (汰, tae)

* Tuning munhyeon as “F” for playing sanjo

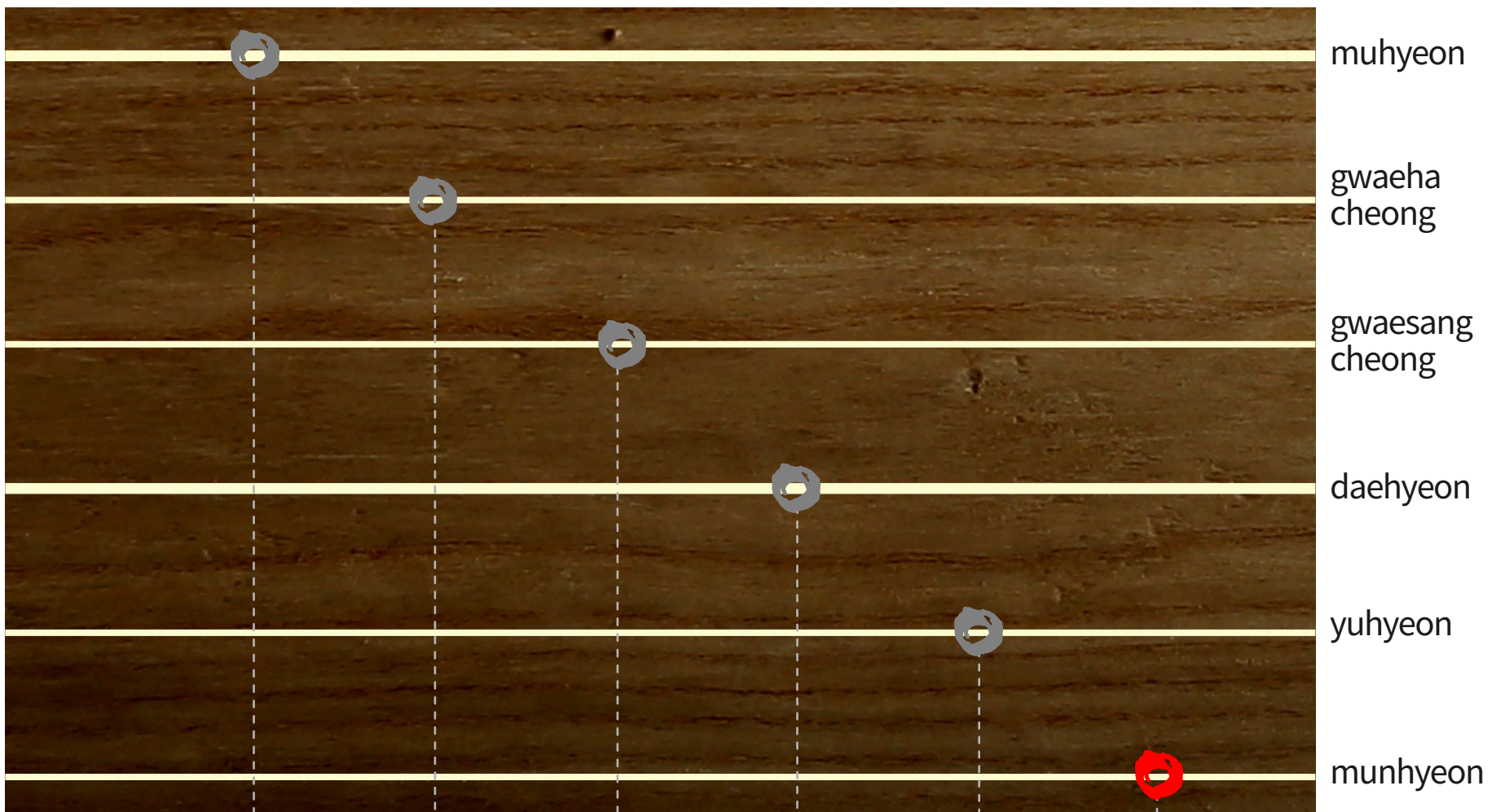
* When playing folk music, the open strings are tuned a major 2nd higher than the pitches indicated above.

How to tune the strings of the geomungo

Open strings



Touch the musical note.



B^{\flat} B^{\flat} B^{\flat} D^{\flat} A^{\flat} E^{\flat} F
(衿, im) (衿, im) (衿, im) (撫, mu) (仲, jung) (橫, hwang) (汰, tae)

* Tuning munhyeon as “F” for playing sanjo

* When playing folk music, the open strings are tuned a major 2nd higher than the pitches indicated above.

How to tune the strings of the geomungo

Scales and individual pitch

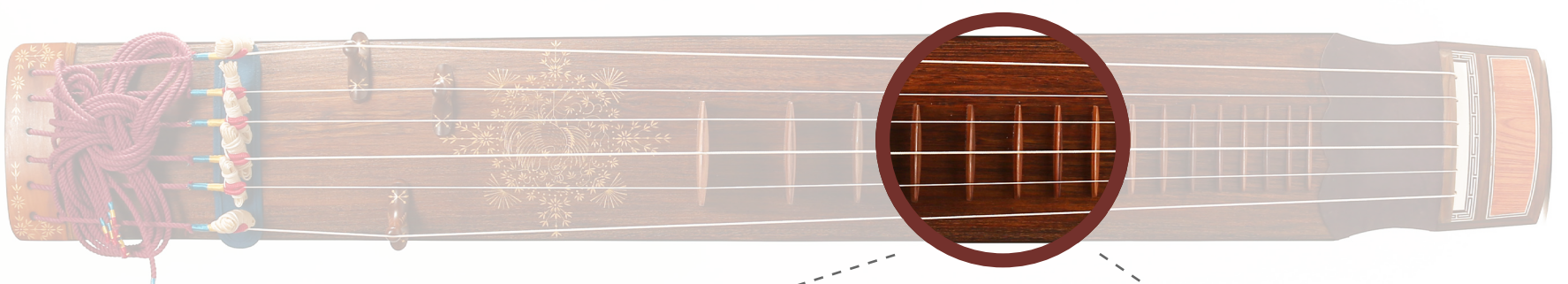
Jeongak(classical music) | Minsokak(folk music)

4th fret

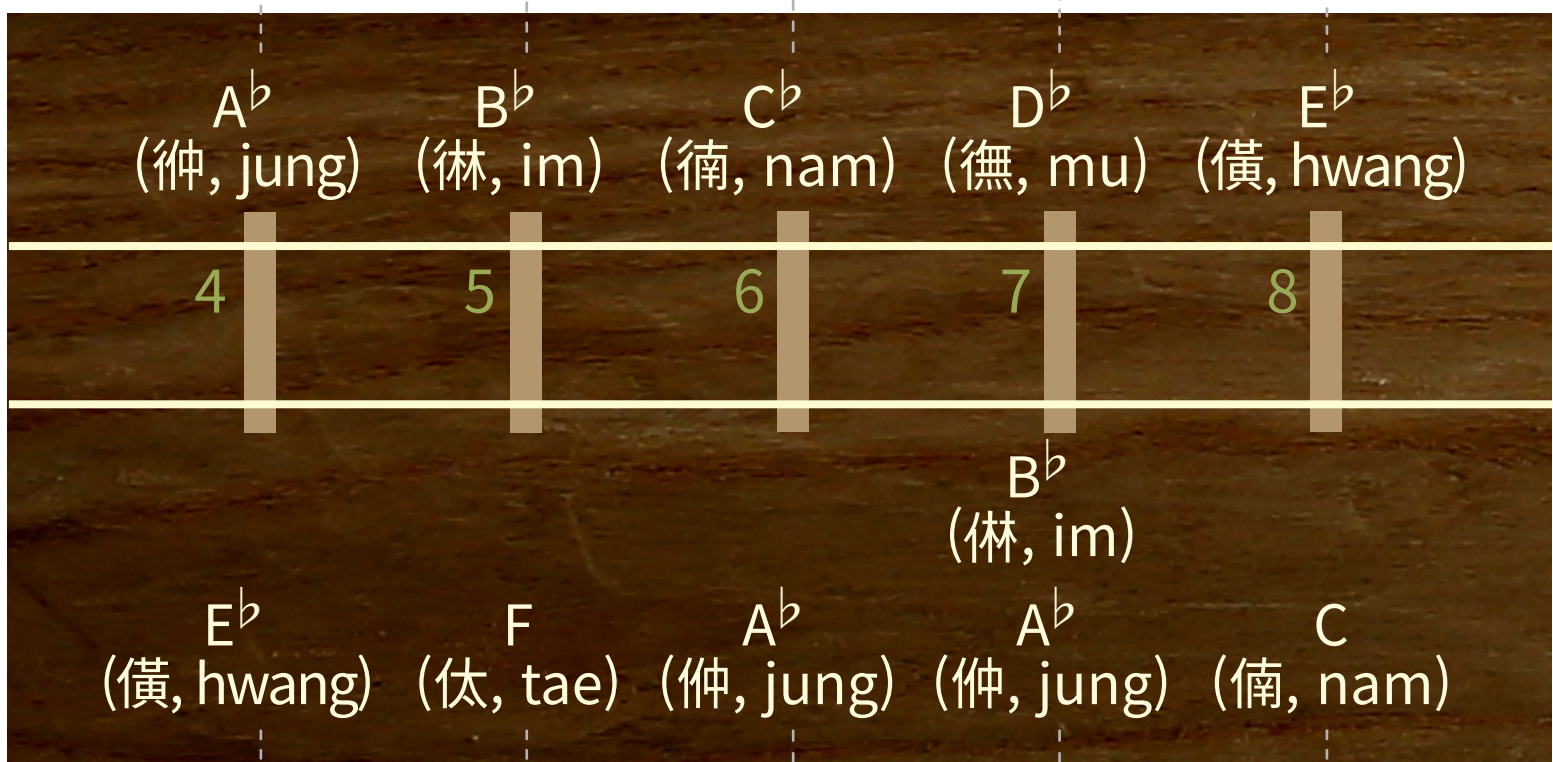
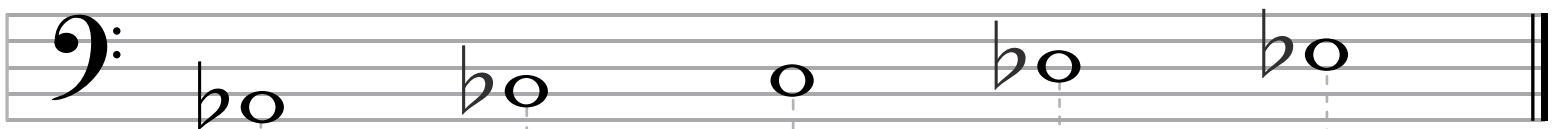
5th fret

7th fret

8th fret

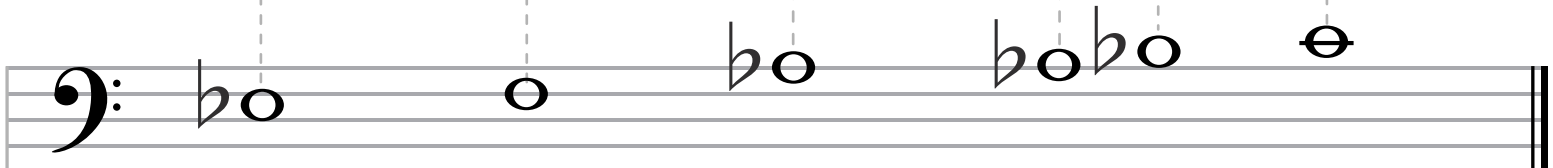


Touch the musical note.



daehyeon

yuhyeon



* Depending on how deeply one presses the string onto a fret, two to three pitches can be created from the same fret.

How to tune the strings of the geomungo

Scales and individual pitch

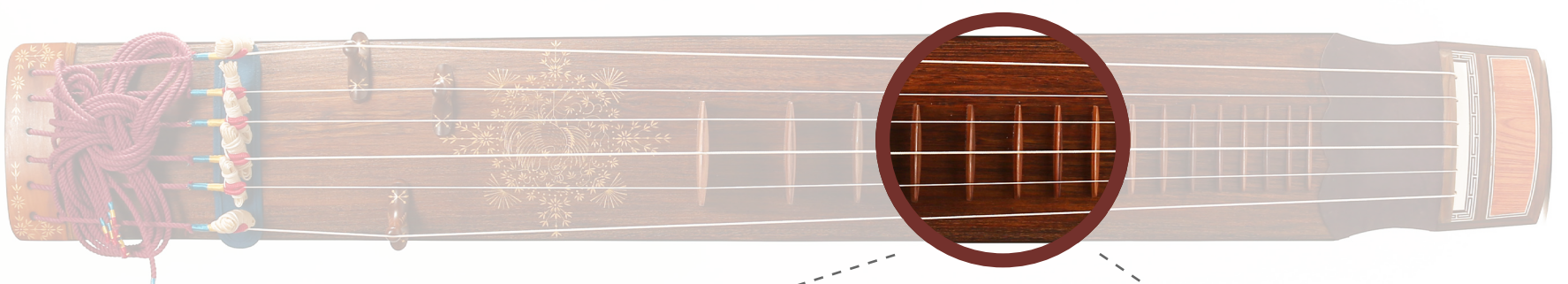
Jeongak(classical music) | Minsokak(folk music)

4th fret

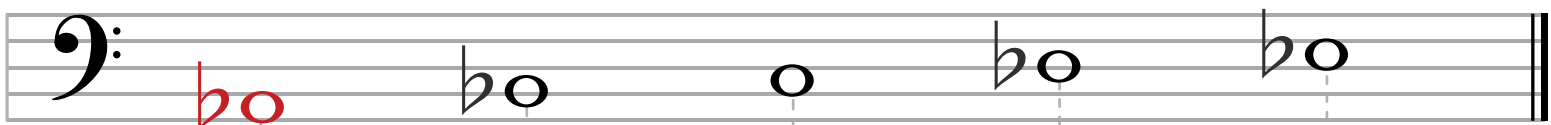
5th fret

7th fret

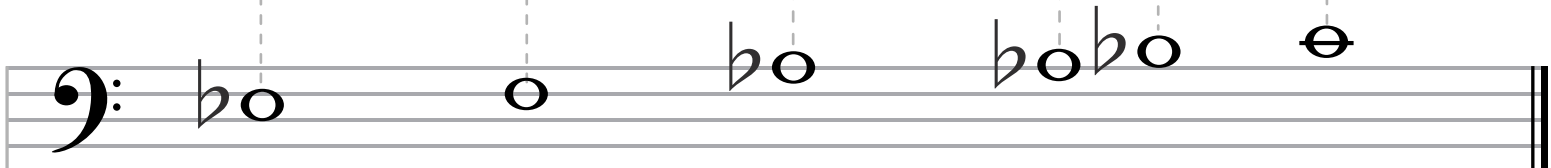
8th fret



Touch the musical note.



A^b (伸, jung)	B^b (徠, im)	C^b (徠, nam)	D^b (徠, mu)	E^b (横, hwang)
4	5	6	7	8
daehyeon		yuhyeon		
E^b (横, hwang)	F (仗, tae)	A^b (伸, jung)	A^b (伸, jung)	C (徠, nam)



* Depending on how deeply one presses the string onto a fret, two to three pitches can be created from the same fret.

How to tune the strings of the geomungo

Scales and individual pitch

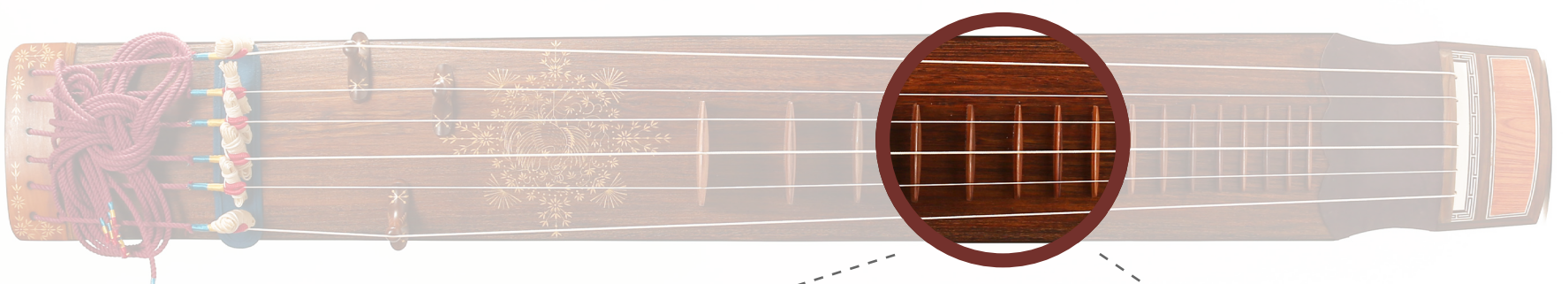
Jeongak(classical music) | Minsokak(folk music)

4th fret

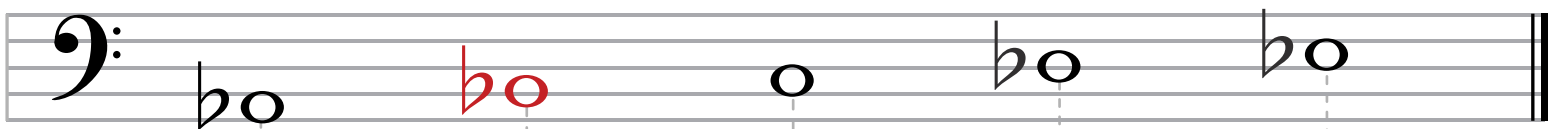
5th fret

7th fret

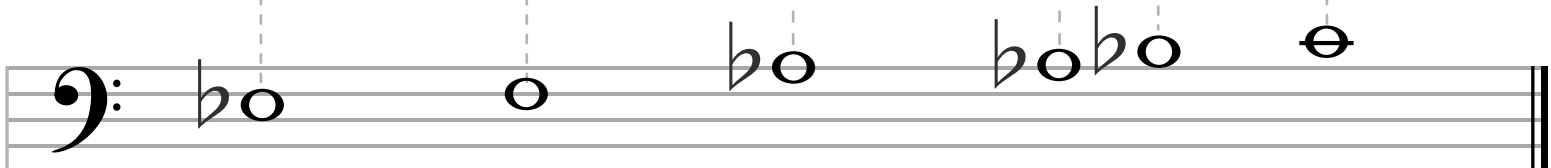
8th fret



Touch the musical note.



A ^b (仲, jung)	B ^b (侏, im)	C ^b (備, nam)	D ^b (徯, mu)	E ^b (僮, hwang)
4	5	6	7	8
daehyeon			yuhyeon	
B ^b (侏, im)				
E ^b (僮, hwang)	F (仗, tae)	A ^b (仲, jung)	A ^b (仲, jung)	C (備, nam)



* Depending on how deeply one presses the string onto a fret, two to three pitches can be created from the same fret.

How to tune the strings of the geomungo

Scales and individual pitch

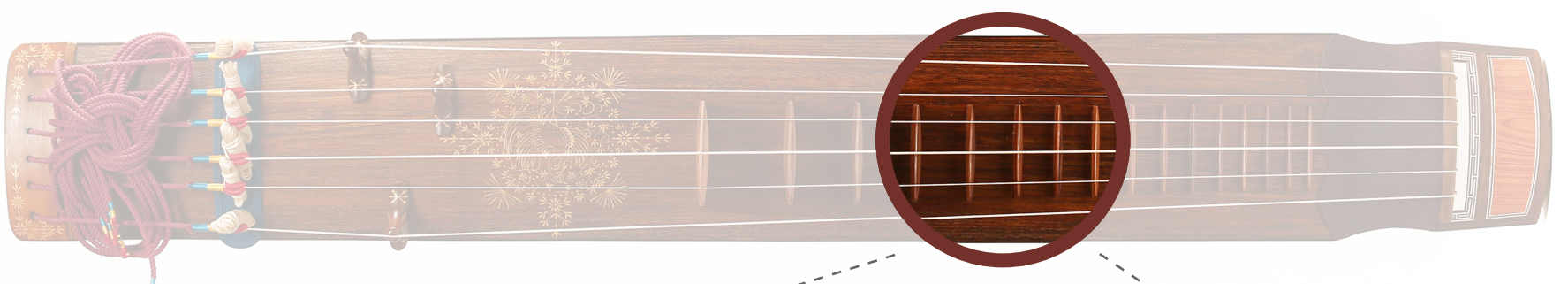
Jeongak(classical music) | Minsokak(folk music)

4th fret

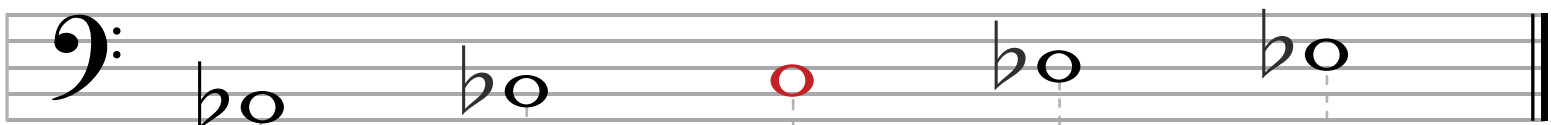
5th fret

7th fret

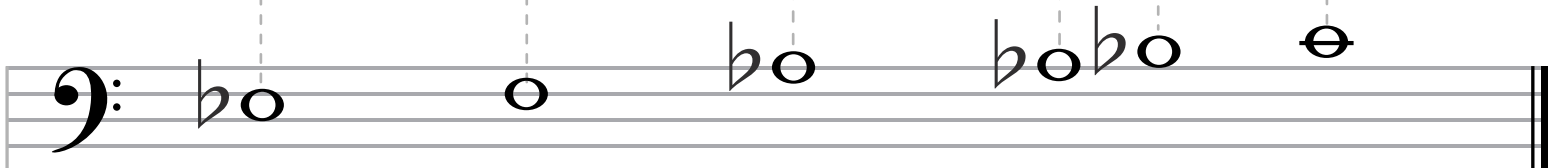
8th fret



Touch the musical note.



A ^b (仲, jung)	B ^b (淋, im)	C ^b (備, nam)	D ^b (徯, mu)	E ^b (橫, hwang)
4	5	6	7	8
daehyeon			yuhyeon	
B ^b (淋, im)				
E ^b (橫, hwang)	F (伏, tae)	A ^b (仲, jung)	A ^b (仲, jung)	C (備, nam)



* Depending on how deeply one presses the string onto a fret, two to three pitches can be created from the same fret.

How to tune the strings of the geomungo

Scales and individual pitch

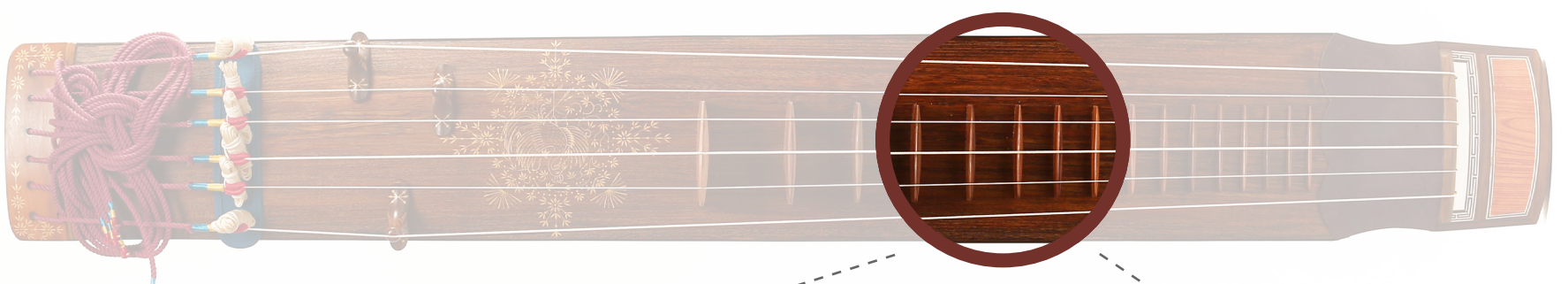
Jeongak(classical music) | Minsokak(folk music)

4th fret

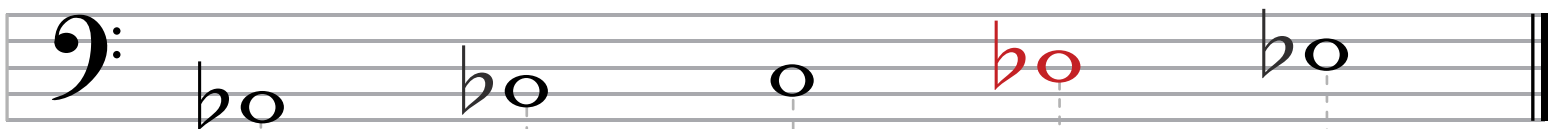
5th fret

7th fret

8th fret



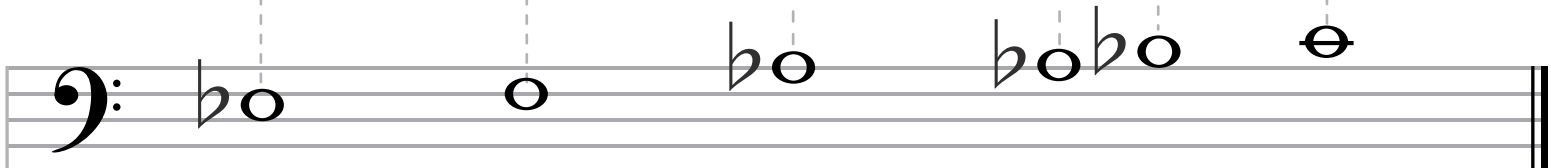
Touch the musical note.



A ^b (仲, jung)	B ^b (淋, im)	C ^b (備, nam)	D ^b (德, mu)	E ^b (橫, hwang)
4	5	6	7	8
			B ^b (淋, im)	
E ^b (橫, hwang)	F (伏, tae)	A ^b (仲, jung)	A ^b (仲, jung)	C (備, nam)

daehyeon

yuhyeon



* Depending on how deeply one presses the string onto a fret, two to three pitches can be created from the same fret.

How to tune the strings of the geomungo

Scales and individual pitch

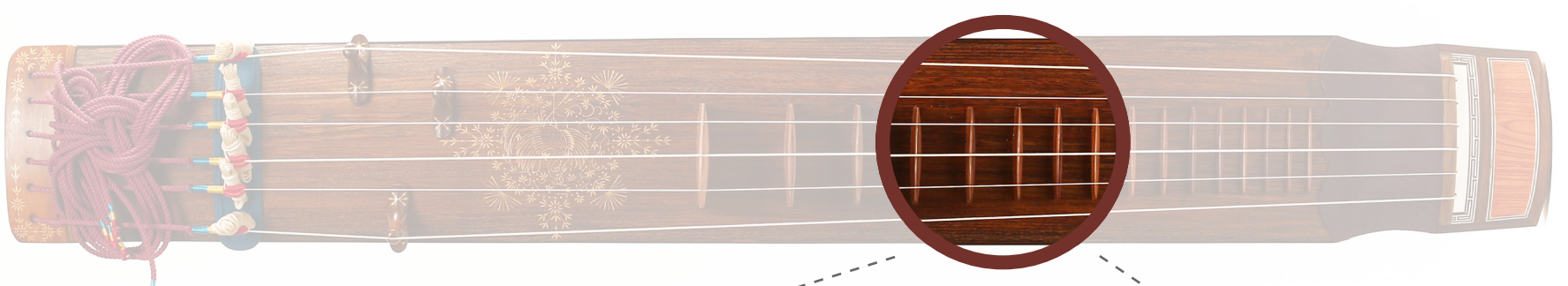
Jeongak(classical music) | Minsokak(folk music)

4th fret

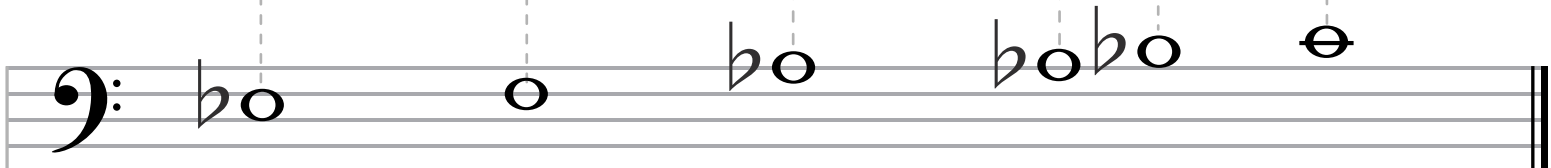
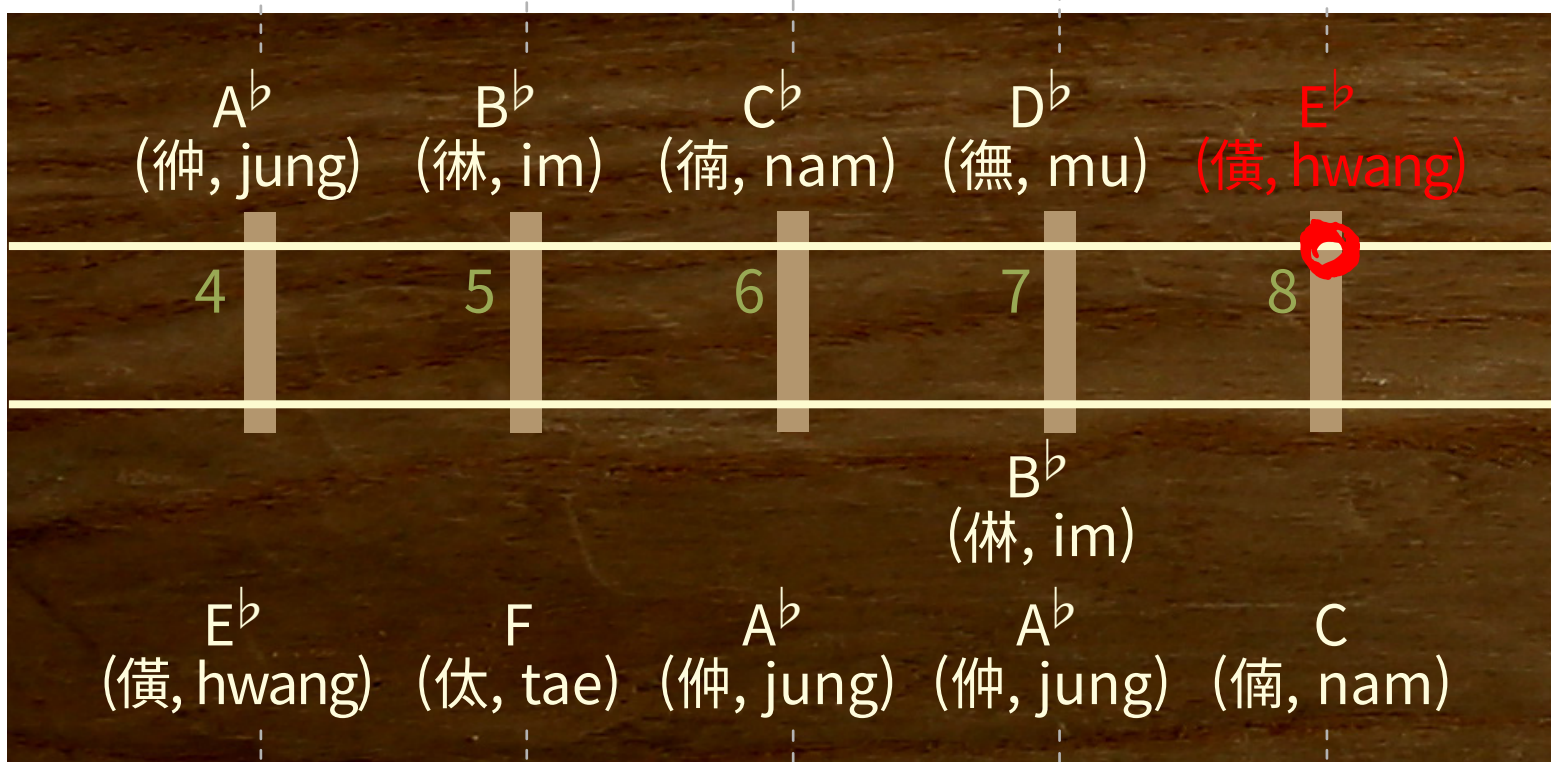
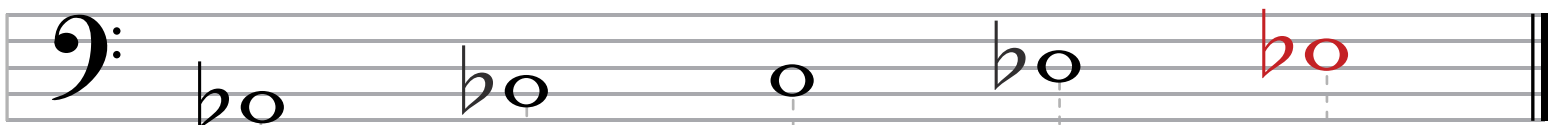
5th fret

7th fret

8th fret



Touch the musical note.



* Depending on how deeply one presses the string onto a fret, two to three pitches can be created from the same fret.

How to tune the strings of the geomungo

Scales and individual pitch

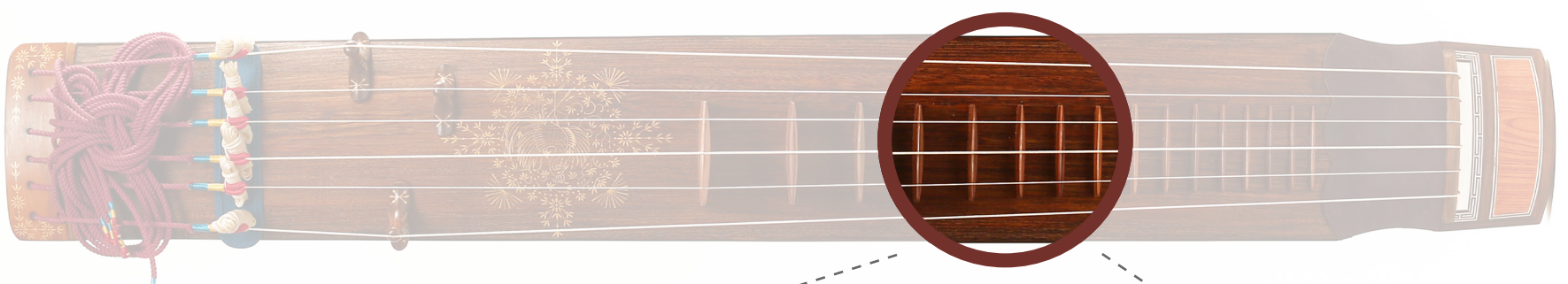
Jeongak(classical music) | Minsokak(folk music)

4th fret

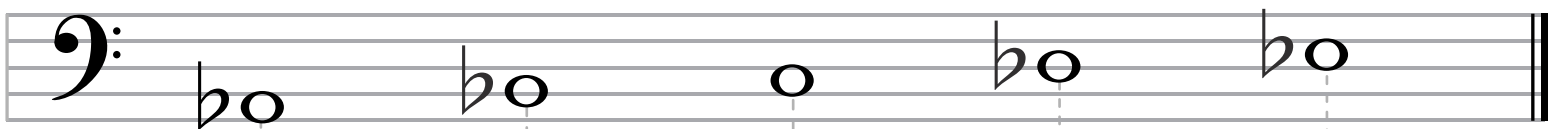
5th fret

7th fret

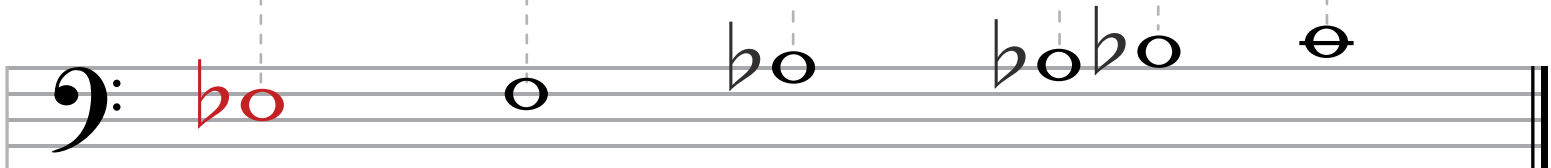
8th fret



Touch the musical note.



A ^b (仲, jung)	B ^b (淋, im)	C ^b (備, nam)	D ^b (徯, mu)	E ^b (橫, hwang)
4	5	6	7	8
daehyeon			yuhyeon	
B ^b (淋, im)				
E ^b (橫, hwang)	F (伏, tae)	A ^b (仲, jung)	A ^b (仲, jung)	C (備, nam)



* Depending on how deeply one presses the string onto a fret, two to three pitches can be created from the same fret.

How to tune the strings of the geomungo

Scales and individual pitch

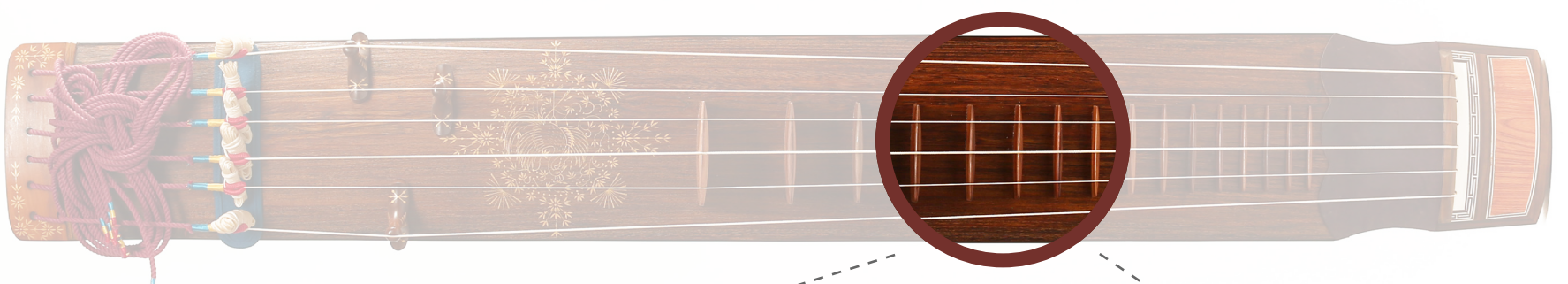
Jeongak(classical music) | Minsokak(folk music)

4th fret

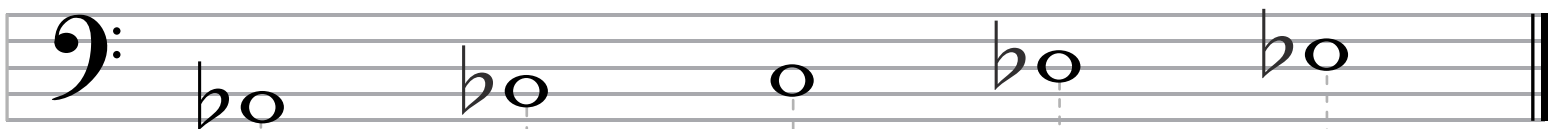
5th fret

7th fret

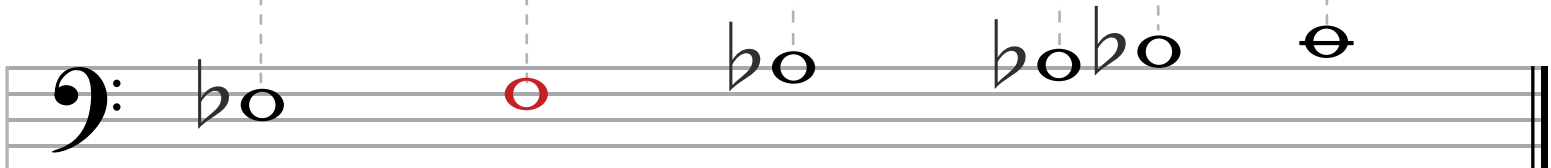
8th fret



Touch the musical note.



A ^b (仲, jung)	B ^b (淋, im)	C ^b (備, nam)	D ^b (徯, mu)	E ^b (橫, hwang)
4	5	6	7	8
daehyeon				
yuhyeon				
E ^b (橫, hwang)	F (仗, tae)	A ^b (仲, jung)	A ^b (仲, jung)	C (備, nam)



* Depending on how deeply one presses the string onto a fret, two to three pitches can be created from the same fret.

How to tune the strings of the geomungo

Scales and individual pitch

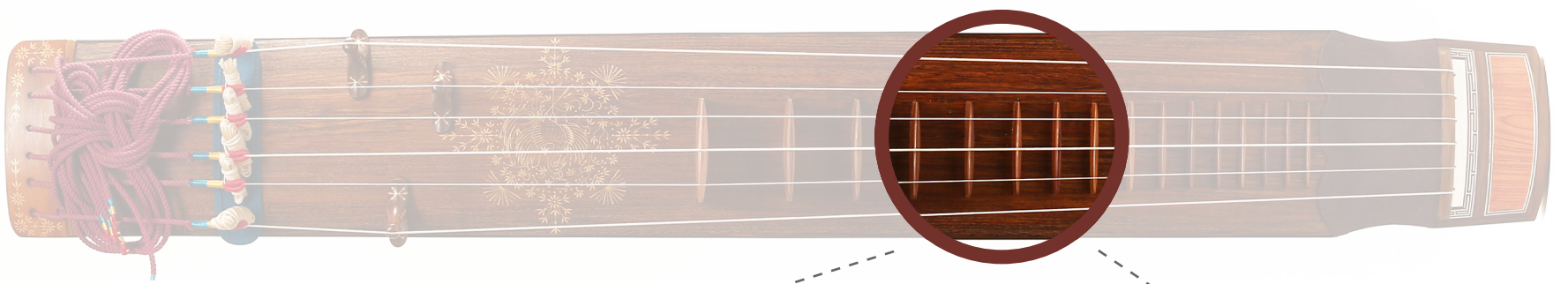
Jeongak(classical music) | Minsokak(folk music)

4th fret

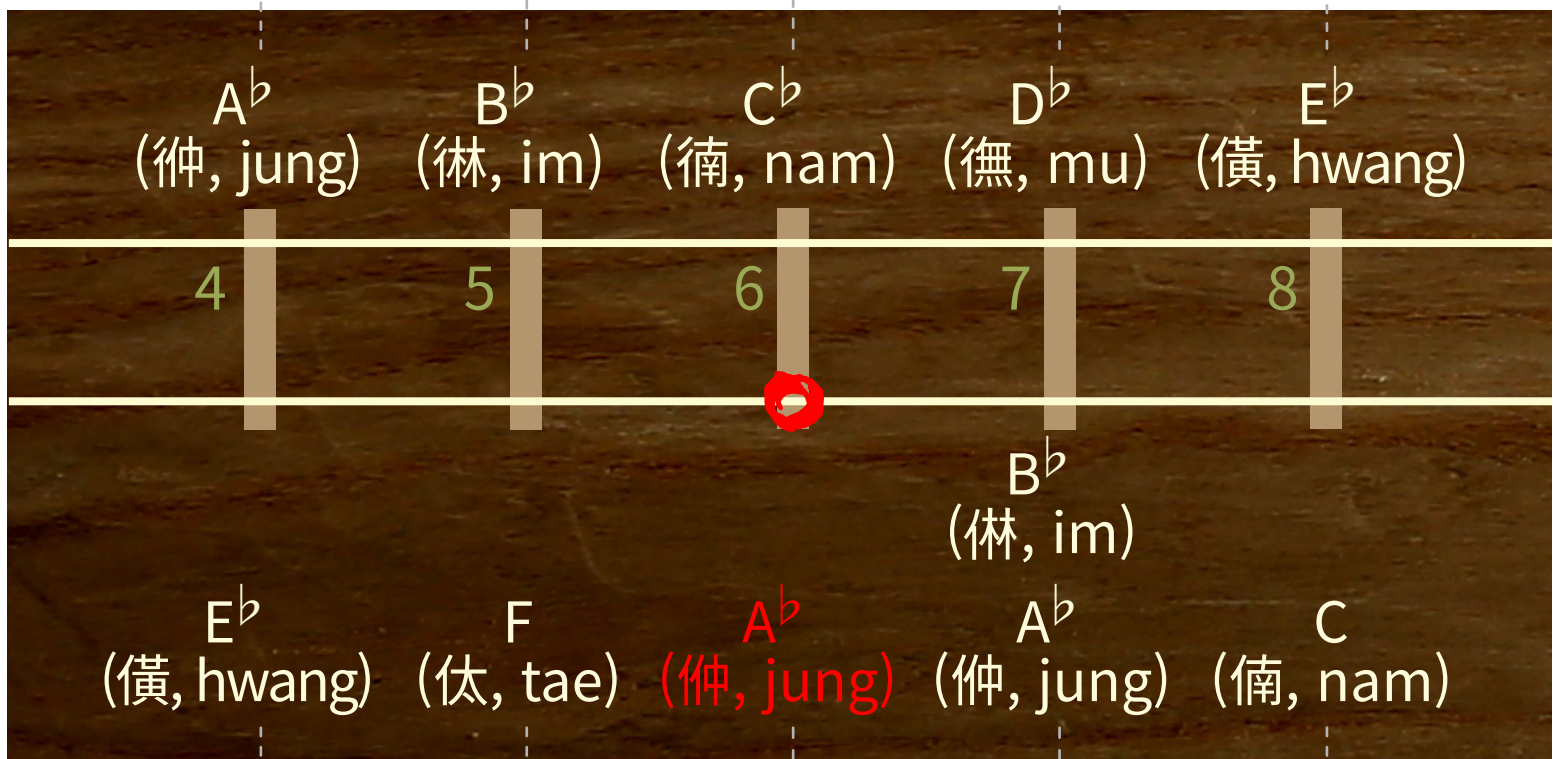
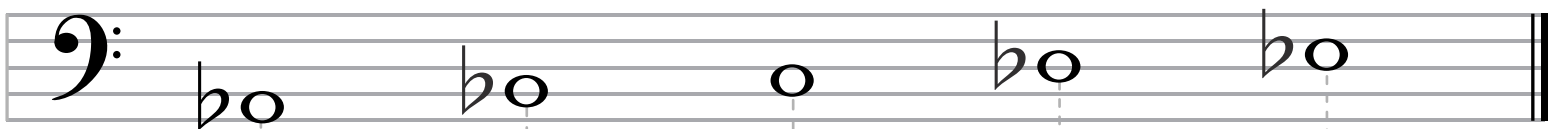
5th fret

7th fret

8th fret

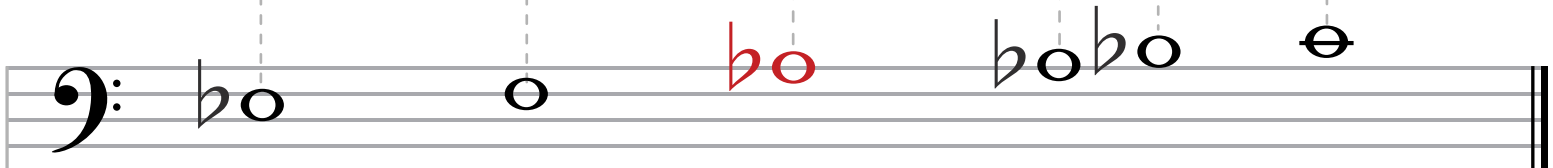


Touch the musical note.



daehyeon

yuhyeon



* Depending on how deeply one presses the string onto a fret, two to three pitches can be created from the same fret.

How to tune the strings of the geomungo

Scales and individual pitch

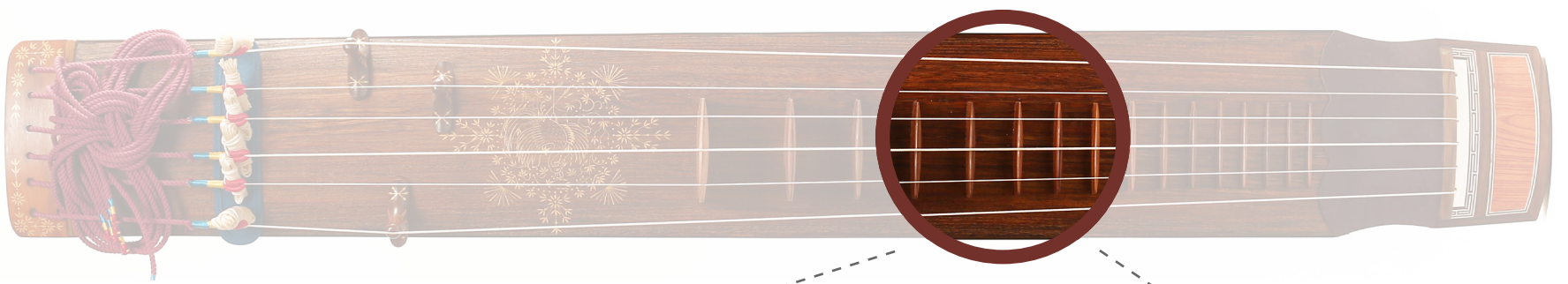
Jeongak(classical music) | Minsokak(folk music)

4th fret

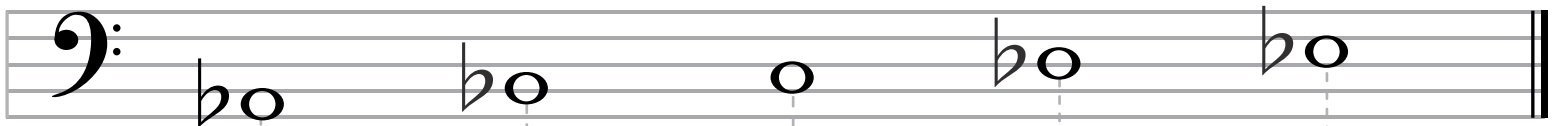
5th fret

7th fret

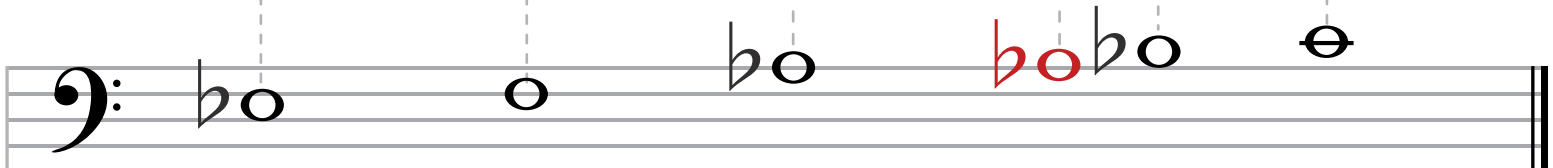
8th fret



Touch the musical note.



A ^b (仲, jung)	B ^b (侏, im)	C ^b (備, nam)	D ^b (徯, mu)	E ^b (僮, hwang)
4	5	6	7	8
daehyeon		yuhyeon		
E ^b (僮, hwang)	F (仗, tae)	A ^b (仲, jung)	A ^b (仲, jung)	C (備, nam)



* Depending on how deeply one presses the string onto a fret, two to three pitches can be created from the same fret.

How to tune the strings of the geomungo

Scales and individual pitch

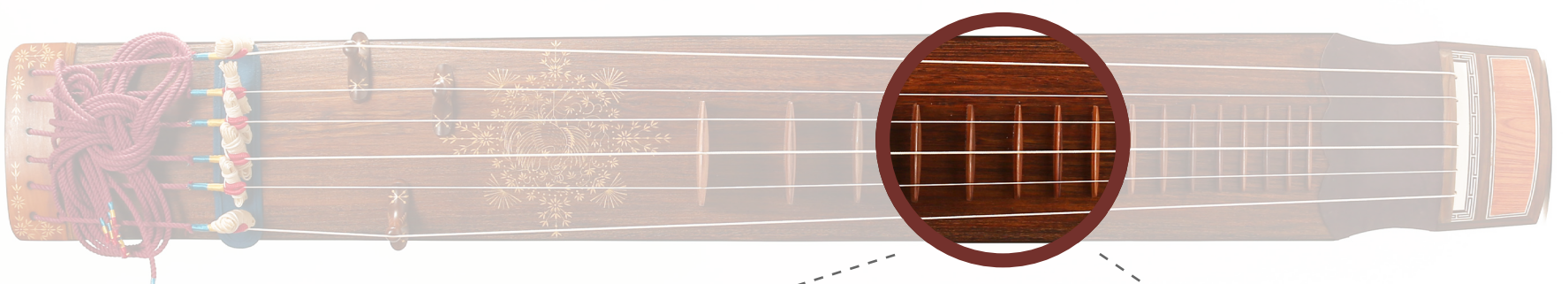
Jeongak(classical music) | Minsokak(folk music)

4th fret

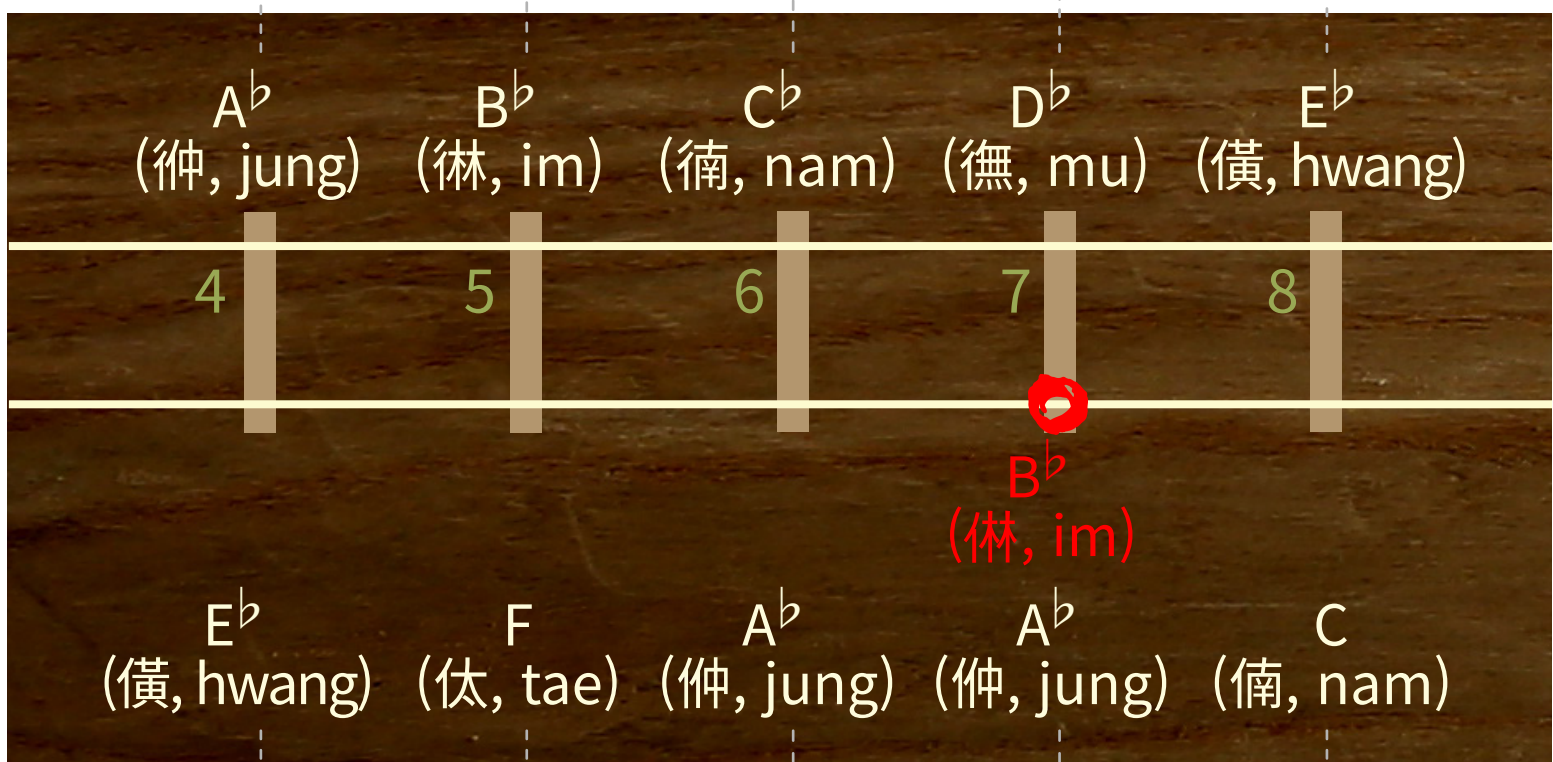
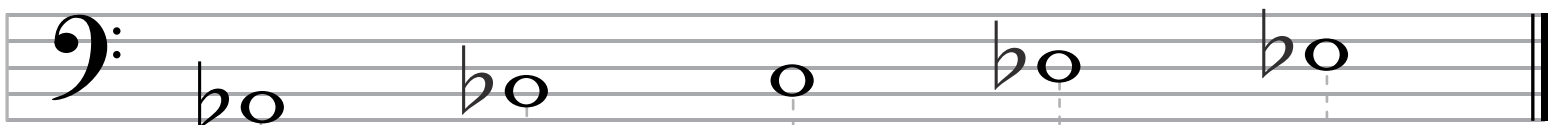
5th fret

7th fret

8th fret

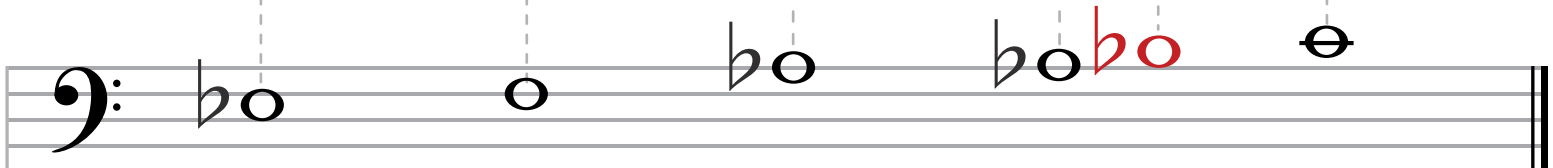


Touch the musical note.



daehyeon

yuhyeon



* Depending on how deeply one presses the string onto a fret, two to three pitches can be created from the same fret.

How to tune the strings of the geomungo

Scales and individual pitch

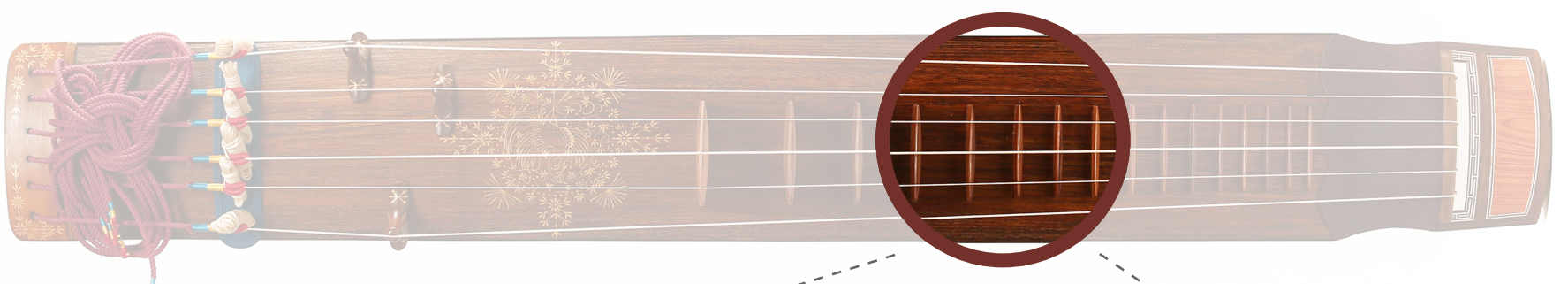
Jeongak(classical music) | Minsokak(folk music)

4th fret

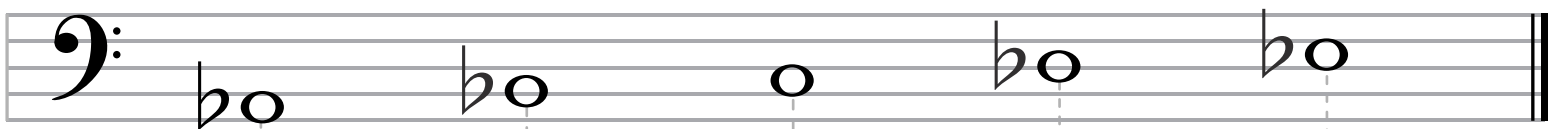
5th fret

7th fret

8th fret



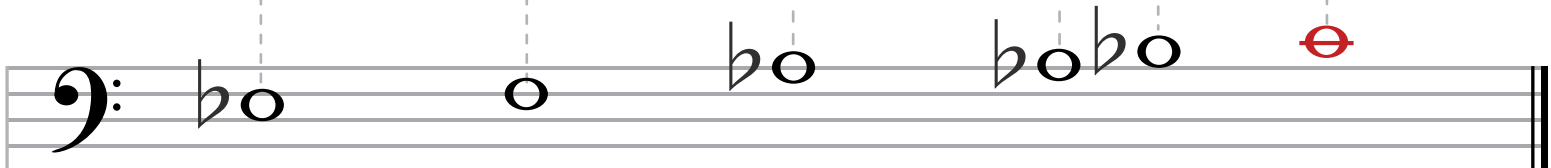
Touch the musical note.



A ^b (仲, jung)	B ^b (淋, im)	C ^b (徧, nam)	D ^b (徂, mu)	E ^b (橫, hwang)
4	5	6	7	8
				B ^b (淋, im)
E ^b (橫, hwang)	F (伏, tae)	A ^b (仲, jung)	A ^b (仲, jung)	C (備, nam)

daehyeon

yuhyeon



* Depending on how deeply one presses the string onto a fret, two to three pitches can be created from the same fret.

How to tune the strings of the geomungo

Scales and individual pitch

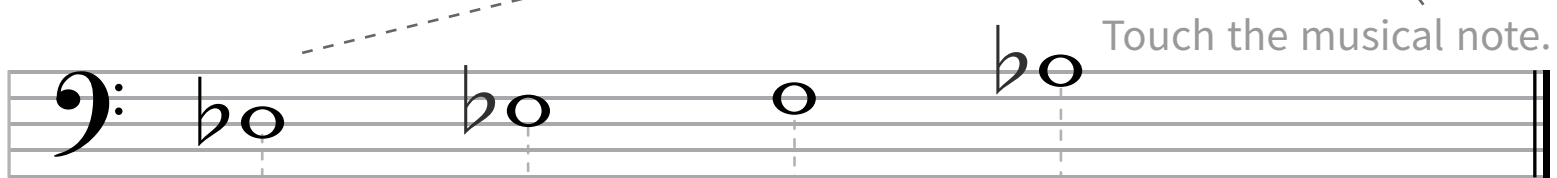
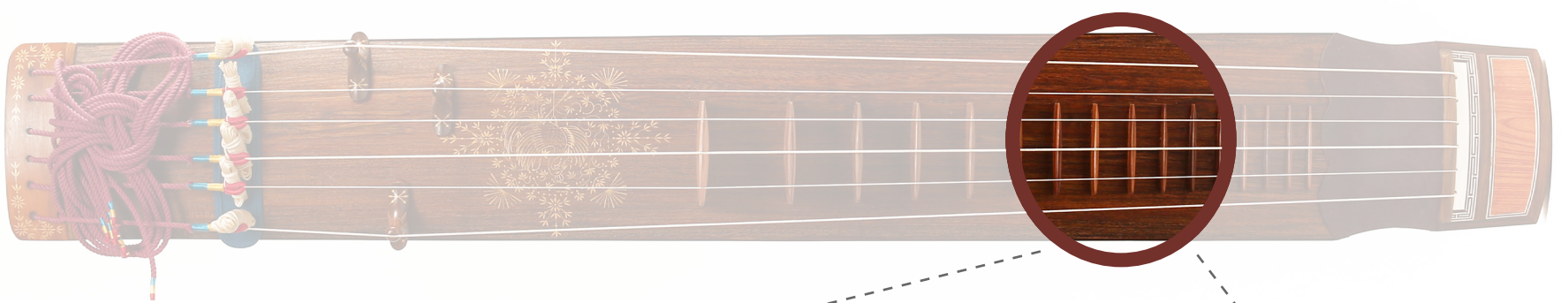
Jeongak(classical music) | Minsokak(folk music)

4th fret

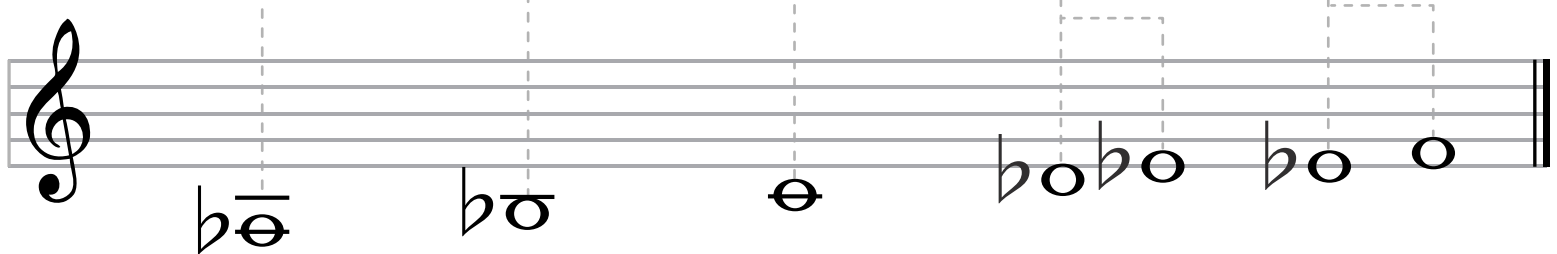
5th fret

7th fret

8th fret



<p>D^b (徼, mu) E^b (僮, hwang) F (佻, tae) A^b (仲, jung)</p>				
<p>7 8 9 10 11</p>				
<p>daehyeon</p>				
<p>yuhyeon</p>				
<p>A^b (仲, jung) B^b (侏, im) C (侑, nam) D^b (徼, mu) E^b (黃, hwang)</p>				
<p>E^b (黃, hwang) F^* (太, tae)</p>				



* Depending on how deeply one presses the string onto a fret, two to three pitches can be created from the same fret.

*One can play "F" by deeply pressing the string onto the 11th fret.

How to tune the strings of the geomungo

Scales and individual pitch

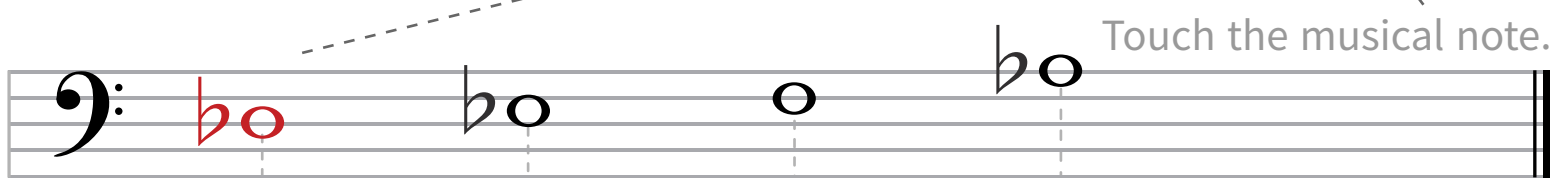
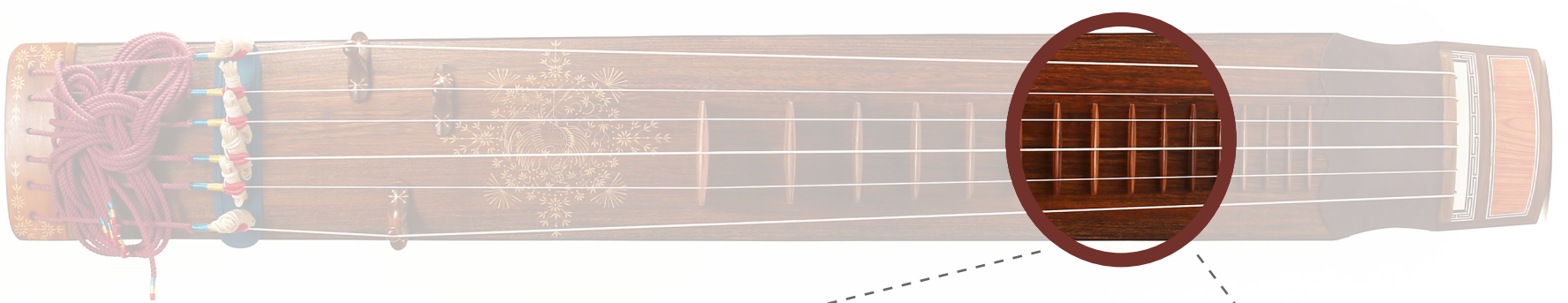
Jeongak(classical music) | Minsokak(folk music)

4th fret

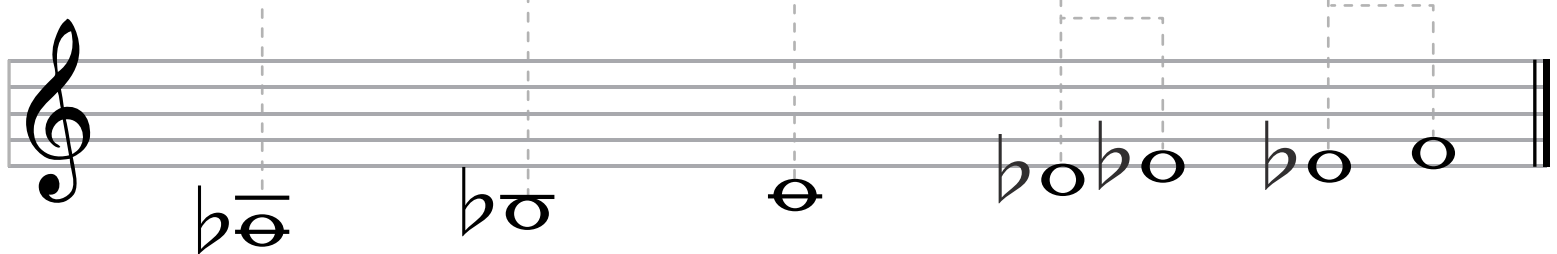
5th fret

7th fret

8th fret



D^b (儻, mu)	E^b (橫, hwang)	F (佉, tae)	A^b (仲, jung)	
7	8	9	10	11
daehyeon		yuhyeon		
			E^b (黃, hwang)	F^* (太, tae)
A^b (仲, jung)	B^b (憐, im)	C (備, nam)	D^b (儻, mu)	E^b (黃, hwang)



* Depending on how deeply one presses the string onto a fret, two to three pitches can be created from the same fret.

*One can play "F" by deeply pressing the string onto the 11th fret.

How to tune the strings of the geomungo

Scales and individual pitch

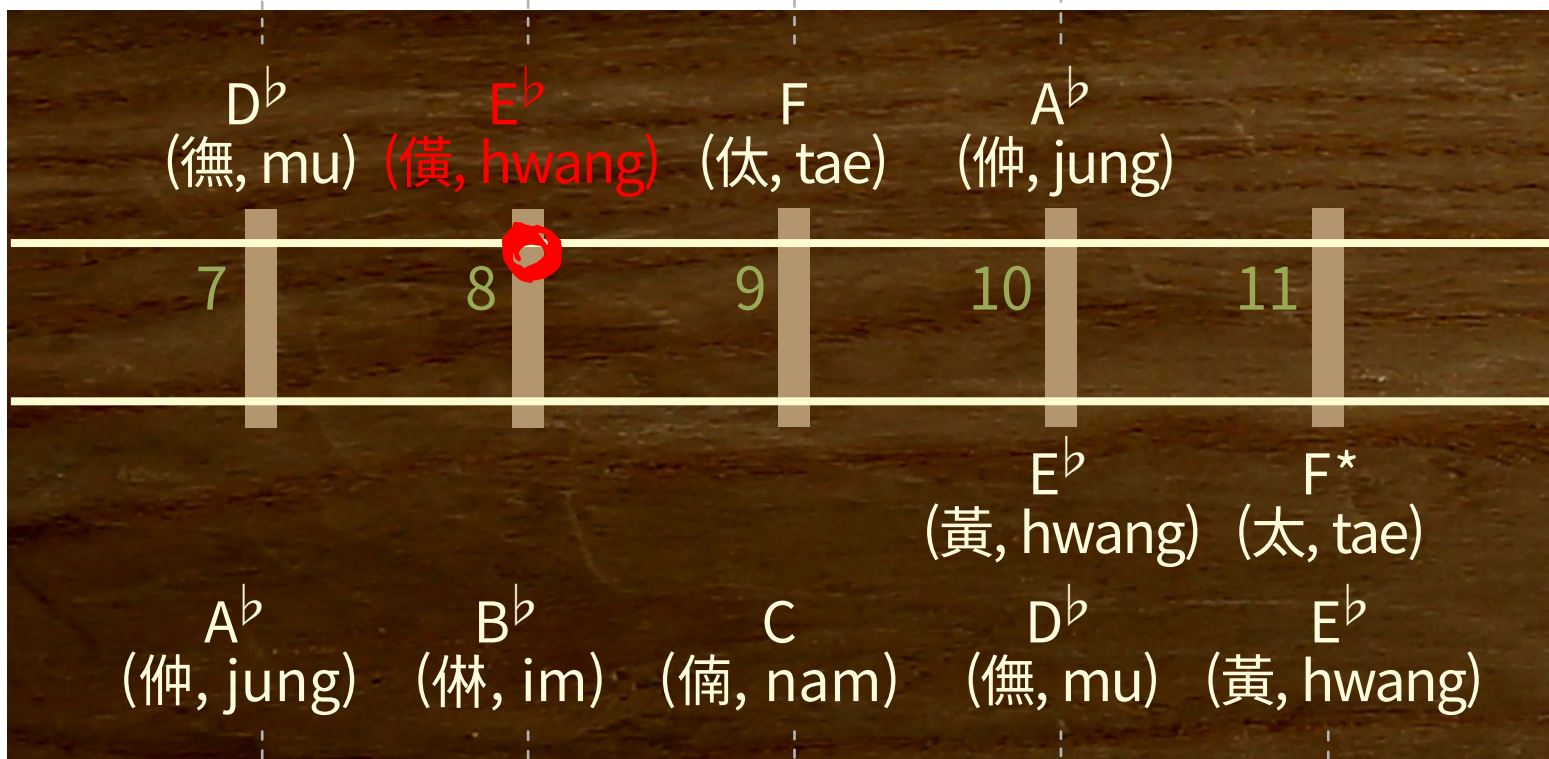
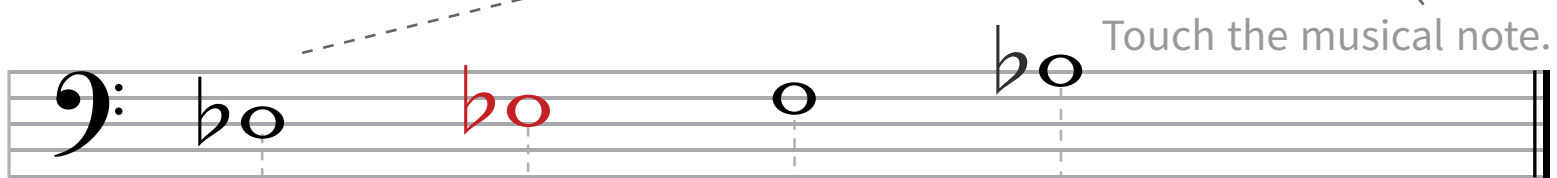
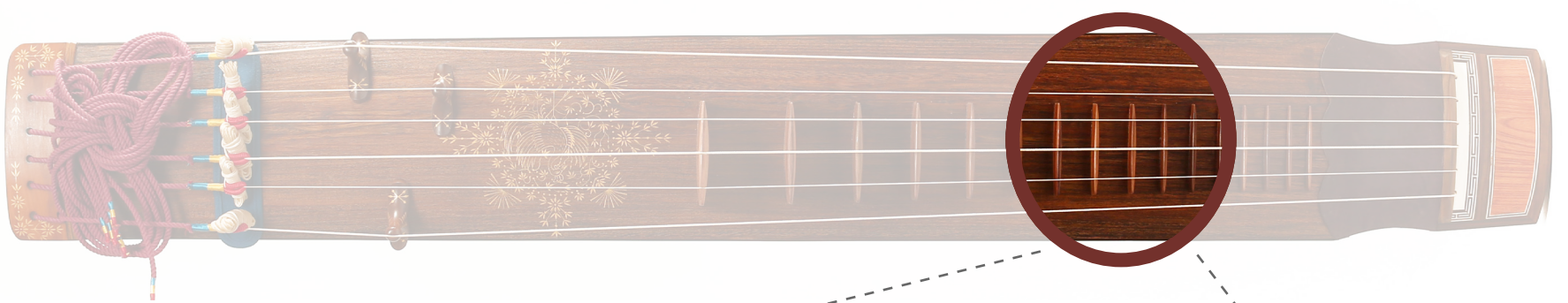
Jeongak(classical music) | Minsokak(folk music)

4th fret

5th fret

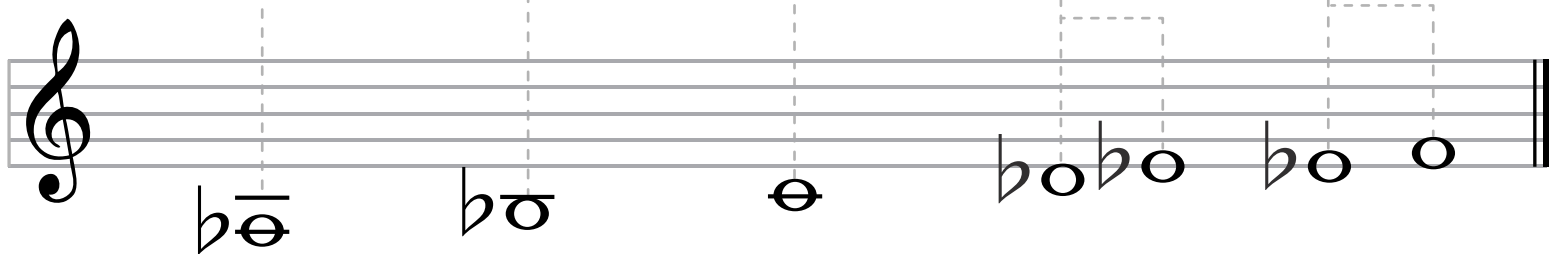
7th fret

8th fret



daehyeon

yuhyeon



* Depending on how deeply one presses the string onto a fret, two to three pitches can be created from the same fret.

*One can play "F" by deeply pressing the string onto the 11th fret.

How to tune the strings of the geomungo

Scales and individual pitch

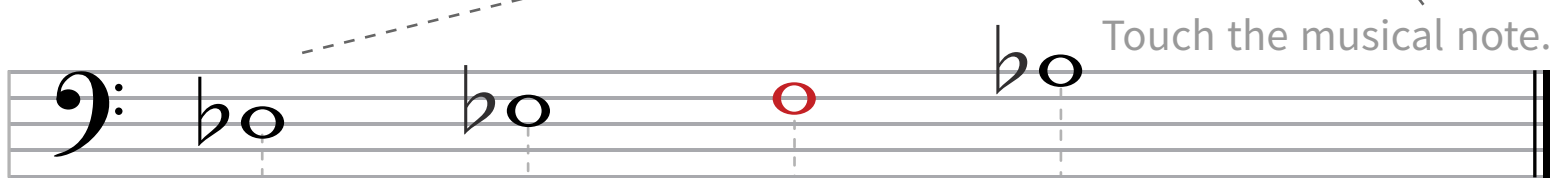
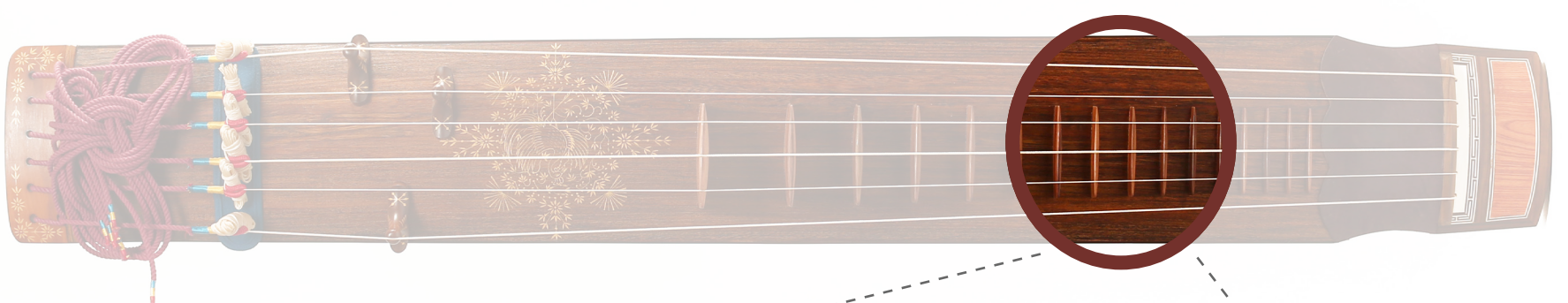
Jeongak(classical music) | Minsokak(folk music)

4th fret

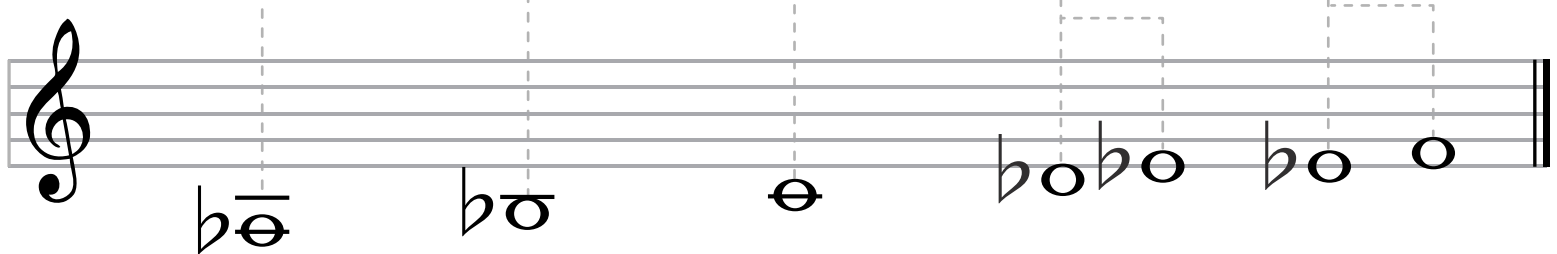
5th fret

7th fret

8th fret



D ^b (徠, mu)					E ^b (僮, hwang)					F (仗, tae)					A ^b (仲, jung)									
7					8					9					10					11				
										daehyeon														
										yuhyeon														
										E ^b (黃, hwang)					F* (太, tae)									
A ^b (仲, jung)					B ^b (侏, im)					C (侑, nam)					D ^b (徠, mu)					E ^b (黃, hwang)				



* Depending on how deeply one presses the string onto a fret, two to three pitches can be created from the same fret.

*One can play "F" by deeply pressing the string onto the 11th fret.

How to tune the strings of the geomungo

Scales and individual pitch

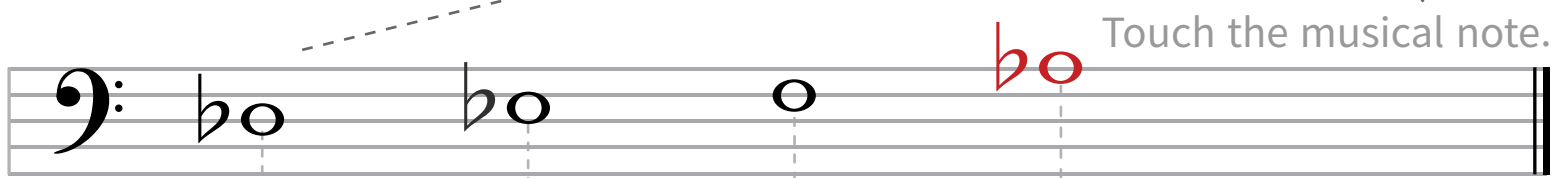
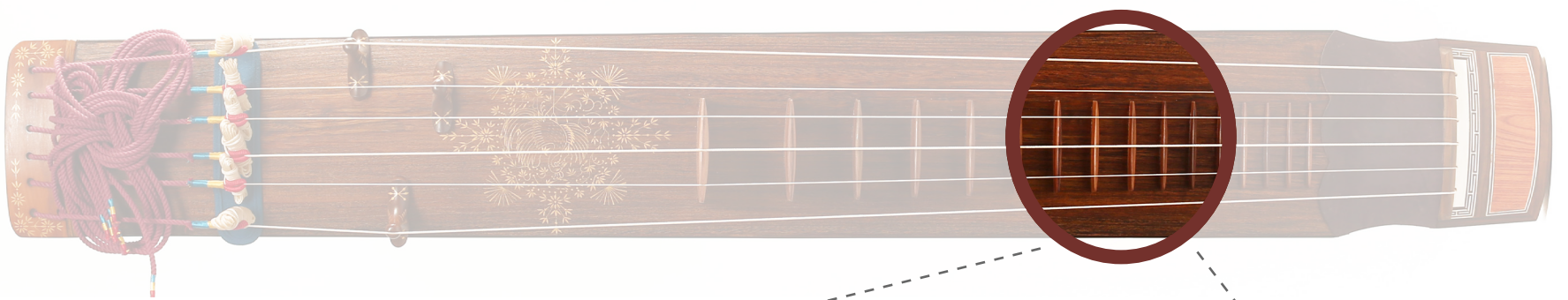
Jeongak(classical music) | Minsokak(folk music)

4th fret

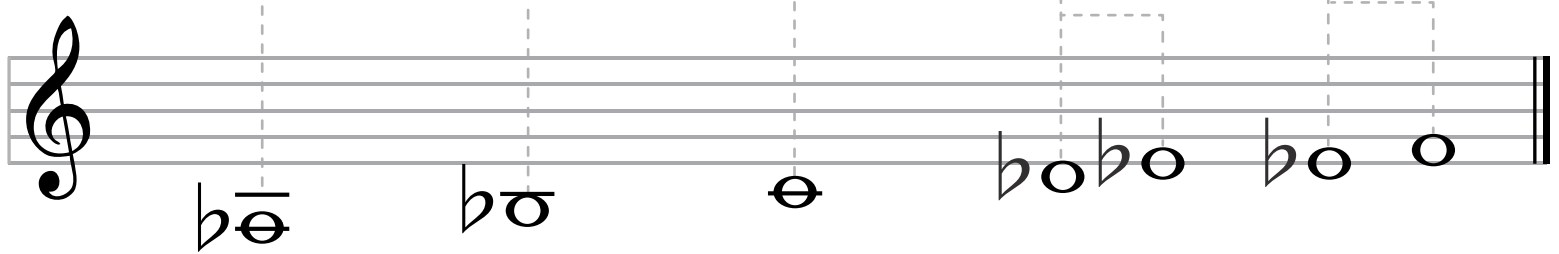
5th fret

7th fret

8th fret



D ^b (徠, mu)					E ^b (橫, hwang)					F (伏, tae)					A ^b (仲, jung)										
7					8					9					10					11					daehyeon
															E ^b (黃, hwang)					F [*] (太, tae)					
A ^b (仲, jung)					B ^b (侏, im)					C (侑, nam)					D ^b (徠, mu)					E ^b (黃, hwang)					
																									yuhyeon



* Depending on how deeply one presses the string onto a fret, two to three pitches can be created from the same fret.

*One can play "F" by deeply pressing the string onto the 11th fret.

How to tune the strings of the geomungo

Scales and individual pitch

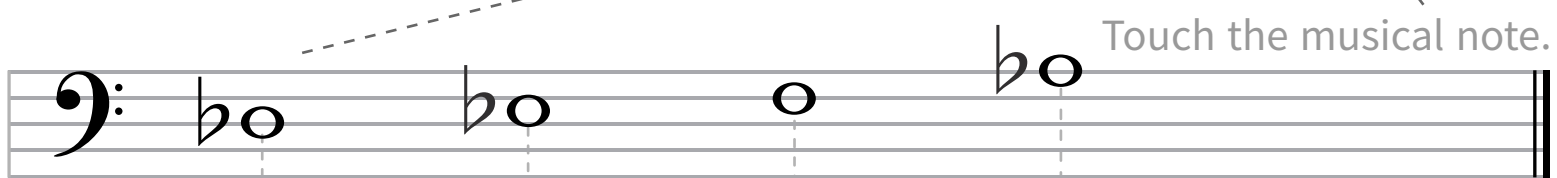
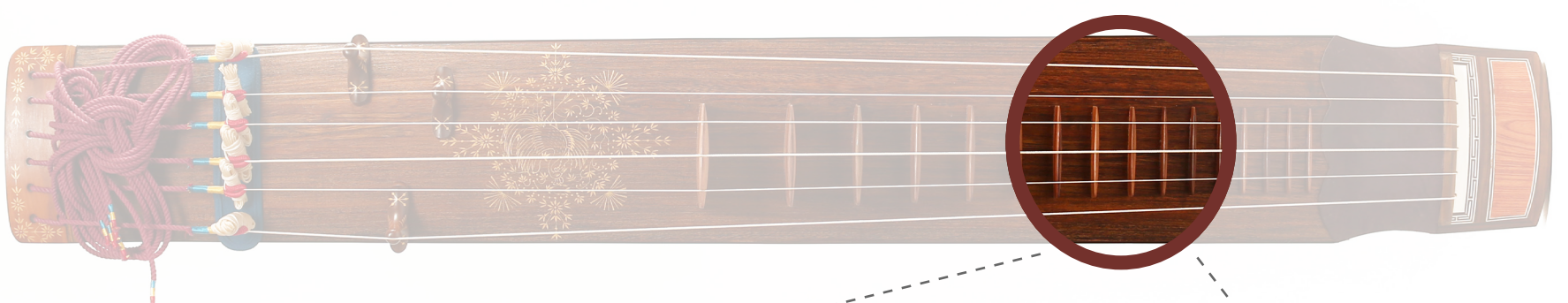
Jeongak(classical music) | Minsokak(folk music)

4th fret

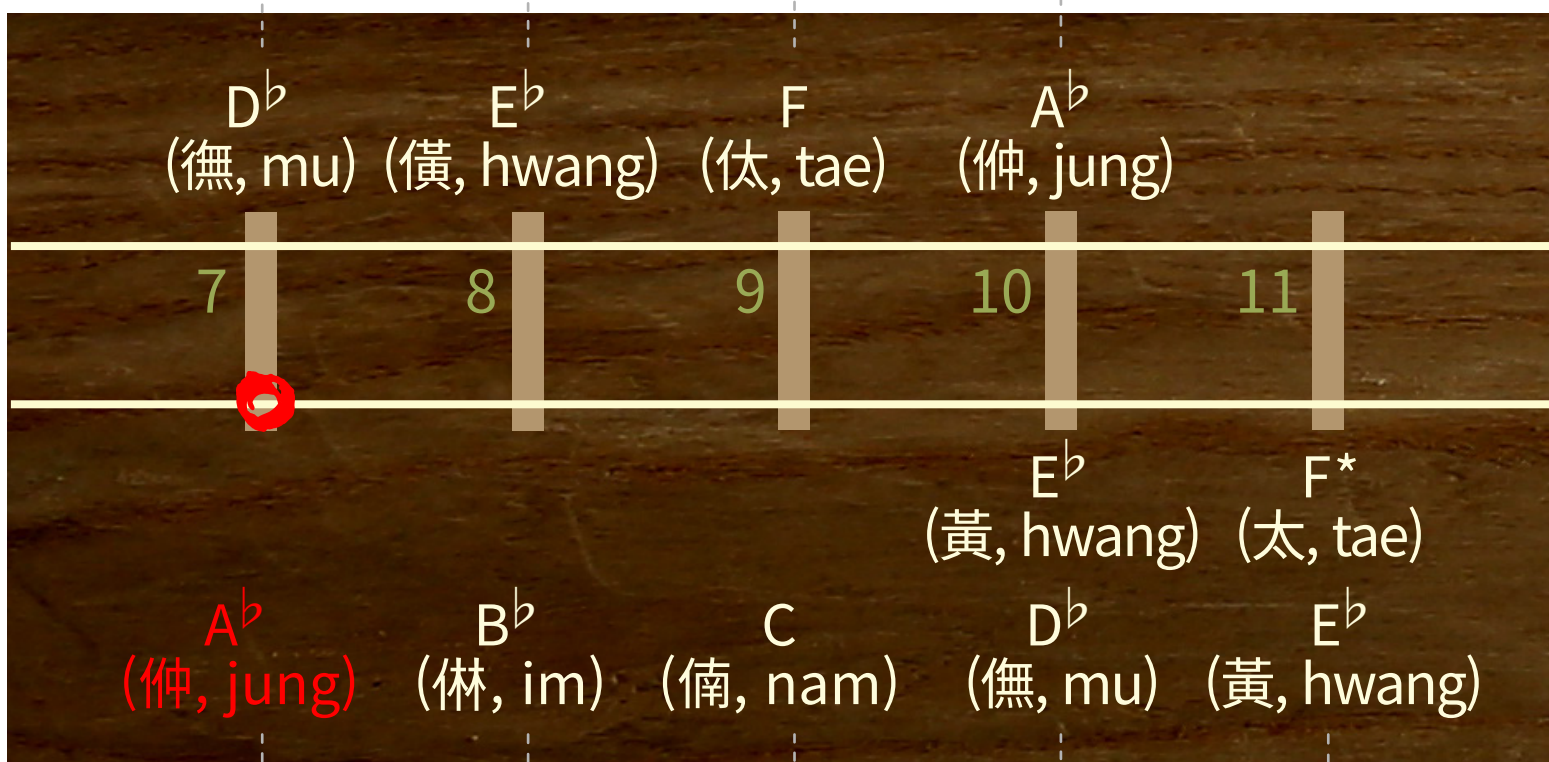
5th fret

7th fret

8th fret

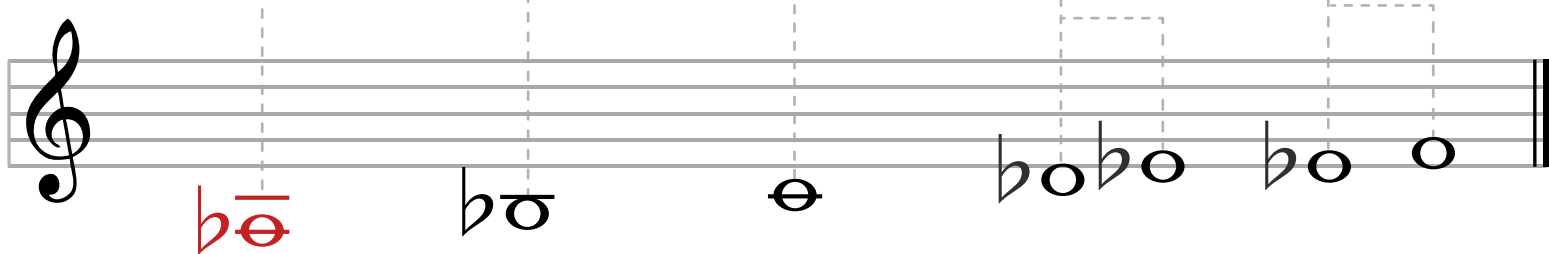


Touch the musical note.



daehyeon

yuhyeon



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*One can play "F" by deeply pressing the string onto the 11th fret.

How to tune the strings of the geomungo

Scales and individual pitch

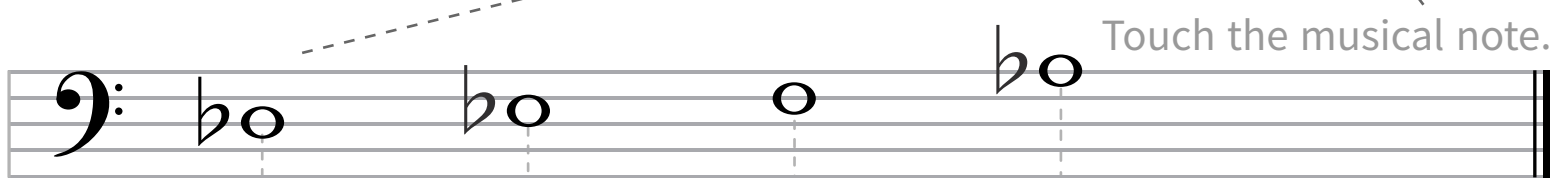
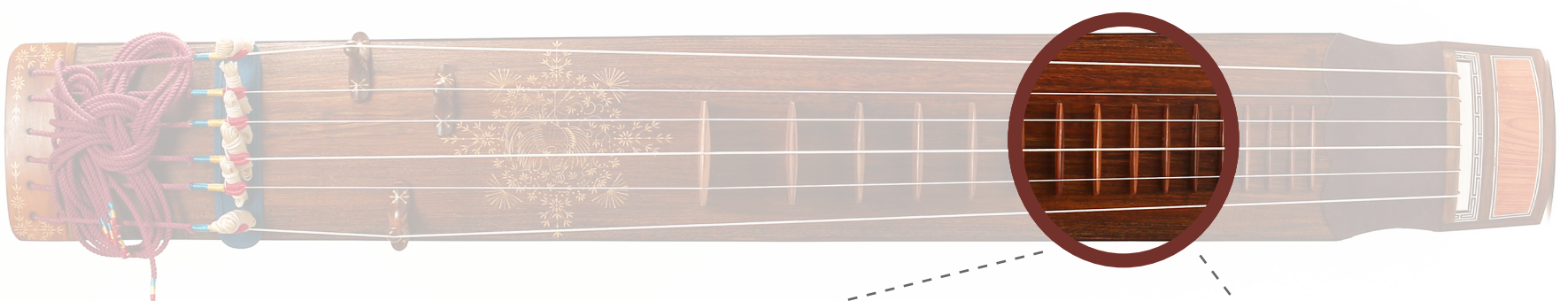
Jeongak(classical music) | Minsokak(folk music)

4th fret

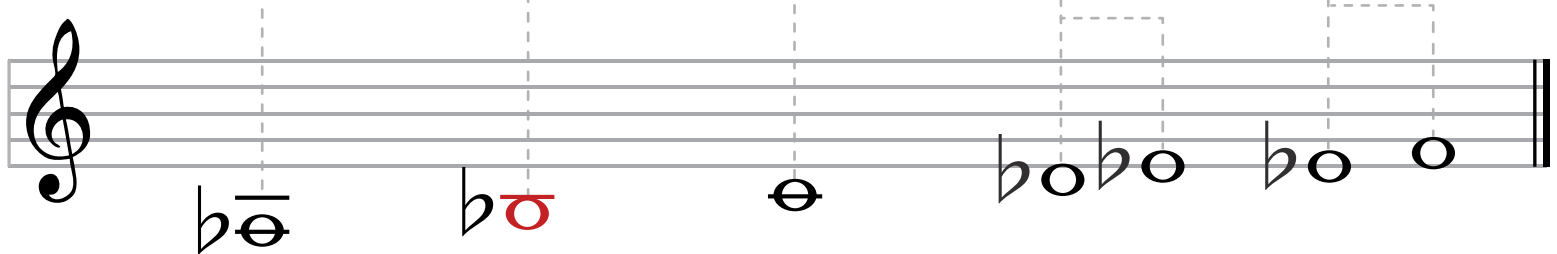
5th fret

7th fret

8th fret



daehyeon				
D ^b (徠, mu)	E ^b (僮, hwang)	F (佉, tae)	A ^b (仲, jung)	
7	8	9	10	11
yuhyeon				
			E ^b (黃, hwang)	F* (太, tae)
A ^b (仲, jung)	B ^b (憐, im)	C (侑, nam)	D ^b (徠, mu)	E ^b (黃, hwang)



* Depending on how deeply one presses the string onto a fret, two to three pitches can be created from the same fret.

*One can play "F" by deeply pressing the string onto the 11th fret.

How to tune the strings of the geomungo

Scales and individual pitch

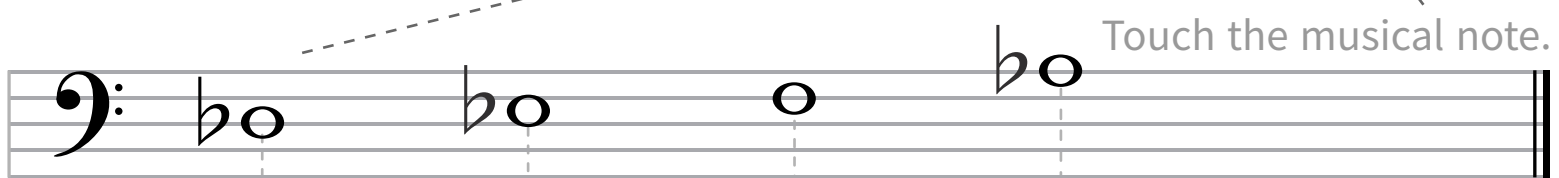
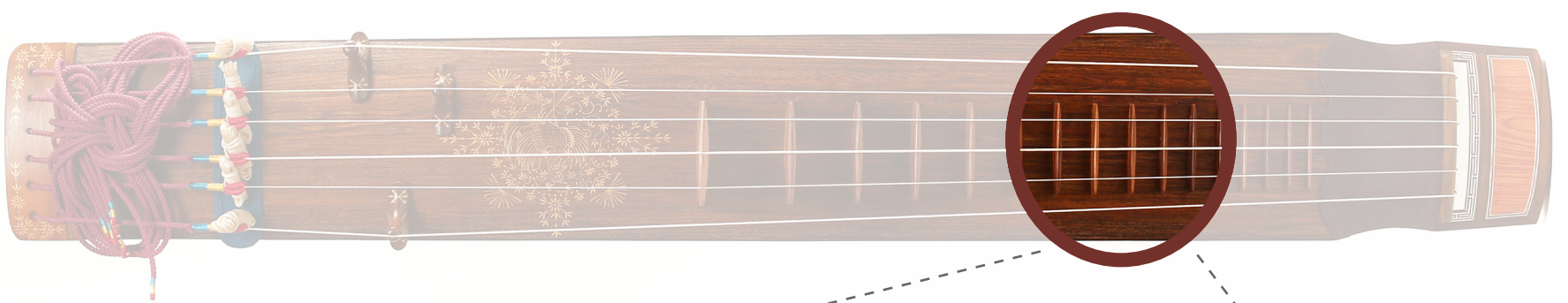
Jeongak(classical music) | Minsokak(folk music)

4th fret

5th fret

7th fret

8th fret



daehyeon				
D ^b (徻, mu)	E ^b (僮, hwang)	F (佉, tae)	A ^b (仲, jung)	
7	8	9	10	11
yuhyeon				
			E ^b (黃, hwang)	F* (太, tae)
A ^b (仲, jung)	B ^b (侏, im)	C (侑, nam)	D ^b (徻, mu)	E ^b (黃, hwang)



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How to tune the strings of the geomungo

Scales and individual pitch

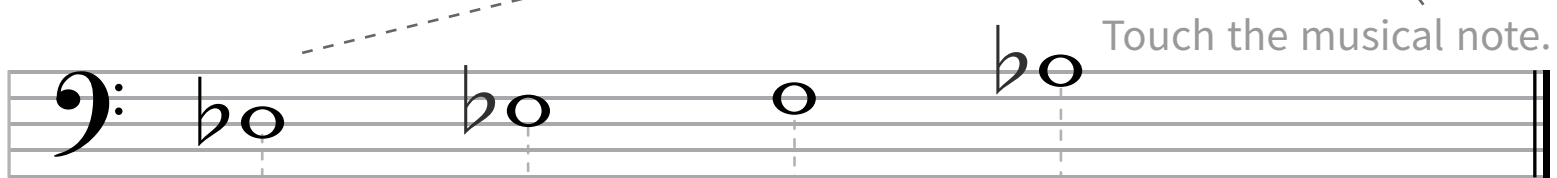
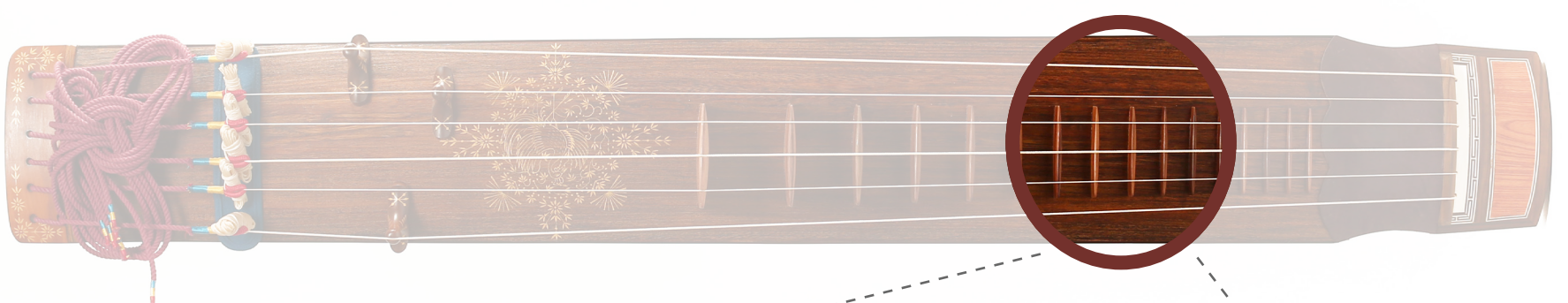
Jeongak(classical music) | Minsokak(folk music)

4th fret

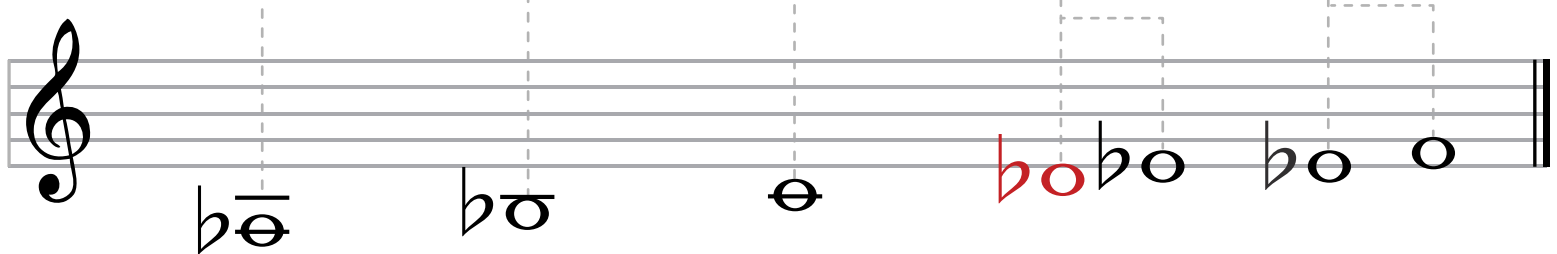
5th fret

7th fret

8th fret



daehyeon				
D ^b (徼, mu)	E ^b (僮, hwang)	F (佉, tae)	A ^b (仲, jung)	
7	8	9	10	11
			E ^b (黃, hwang)	F* (太, tae)
yuhyeon				
A ^b (仲, jung)	B ^b (侏, im)	C (侑, nam)	D ^b (徼, mu)	E ^b (黃, hwang)



* Depending on how deeply one presses the string onto a fret, two to three pitches can be created from the same fret.

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How to tune the strings of the geomungo

Scales and individual pitch

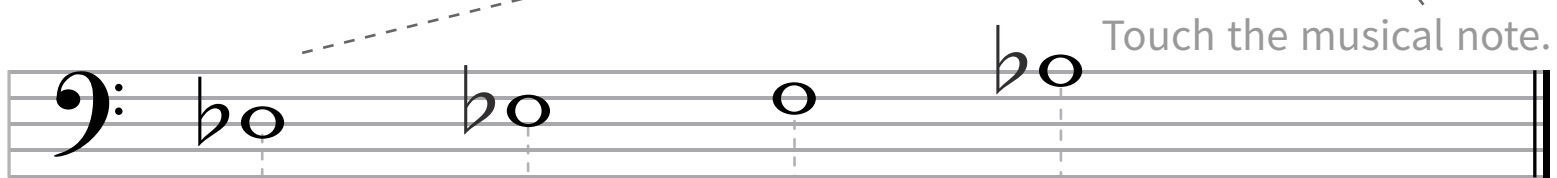
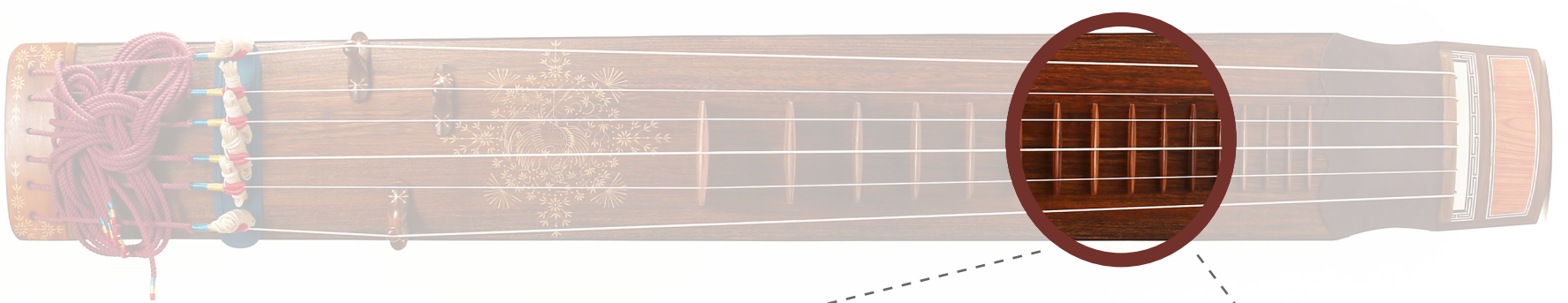
Jeongak(classical music) | Minsokak(folk music)

4th fret

5th fret

7th fret

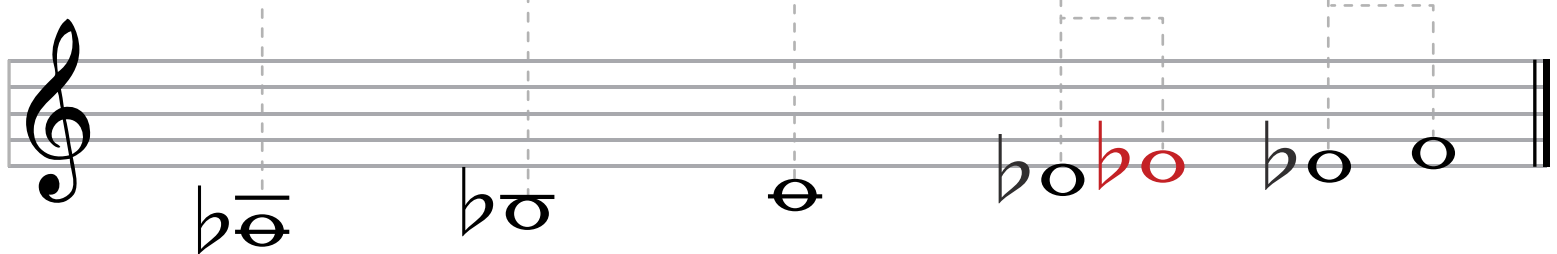
8th fret



D ^b (徂, mu)					E ^b (僮, hwang)					F (佉, tae)					A ^b (仲, jung)									
7					8					9					10					11				
															E ^b (黃, hwang)					F [*] (太, tae)				
A ^b (仲, jung)					B ^b (侏, im)					C (侑, nam)					D ^b (徂, mu)					E ^b (黃, hwang)				

daehyeon

yuhyeon



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How to tune the strings of the geomungo

Scales and individual pitch

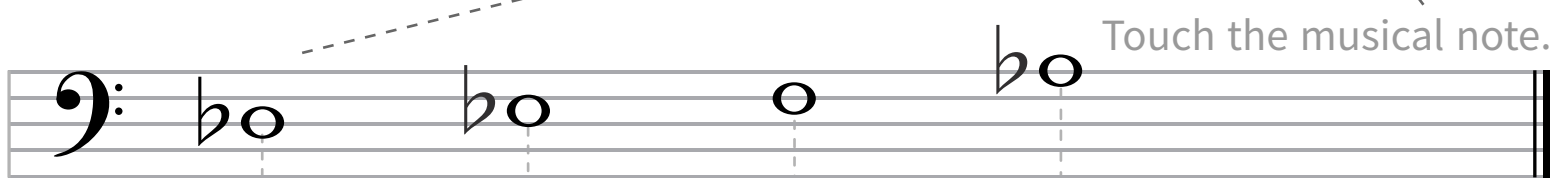
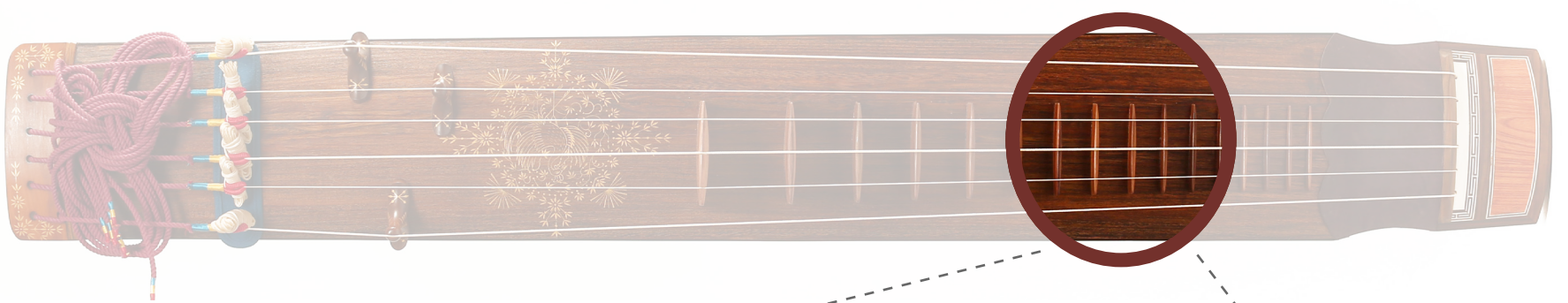
Jeongak(classical music) | Minsokak(folk music)

4th fret

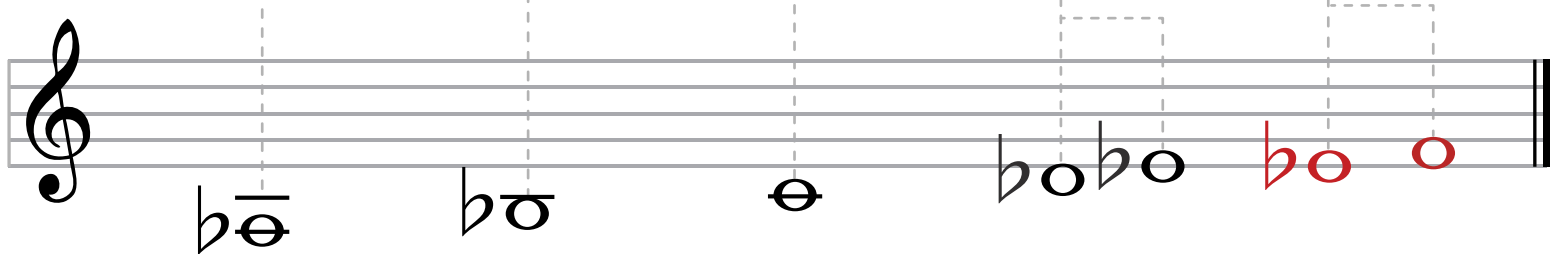
5th fret

7th fret

8th fret



D ^b (儻, mu)					E ^b (橫, hwang)					F (佉, tae)					A ^b (仲, jung)										
7					8					9					10					11					daehyeon
																				F*					
															E ^b (黃, hwang)					F*					
A ^b (仲, jung)					B ^b (憐, im)					C (備, nam)					D ^b (儻, mu)					E ^b (黃, hwang)					



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How to tune the strings of the geomungo

Scales and individual pitch

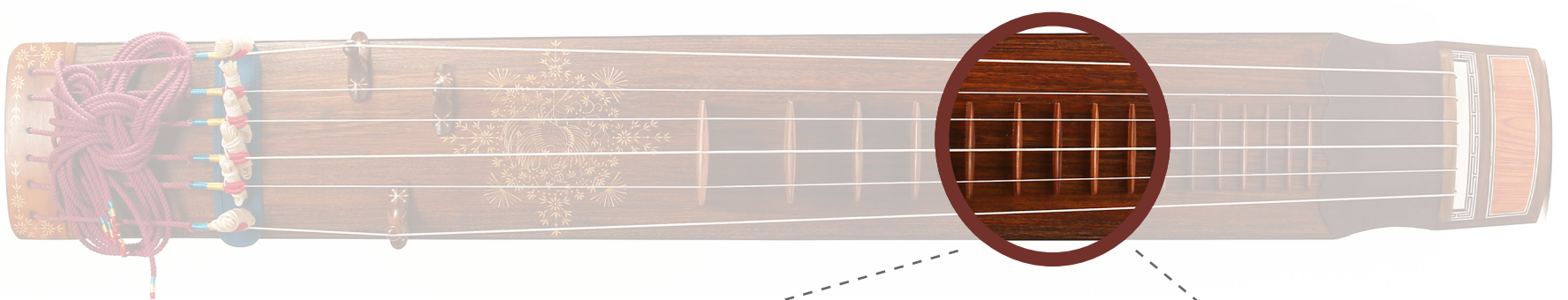
Jeongak(classical music) | Minsokak(folk music)

4th fret

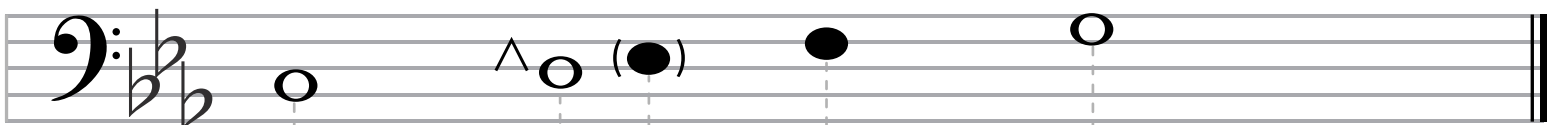
5th fret

7th fret

8th fret

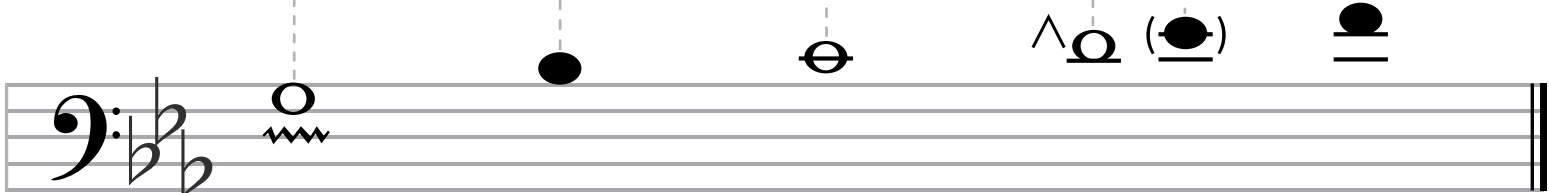


Touch the musical note.



daehyeon

yuhyeon



- * ^: Play a quick semitone roughly higher than the noted pitch (main tone) and quickly slide to the main tone.
- * Depending on how deeply one presses the string onto a fret, one can make two to three pitches from the same fret.
- * This is widely used in current sanjo notation; in actual practice, a major 2nd lower than the above pitches are played.

How to tune the strings of the geomungo

Scales and individual pitch

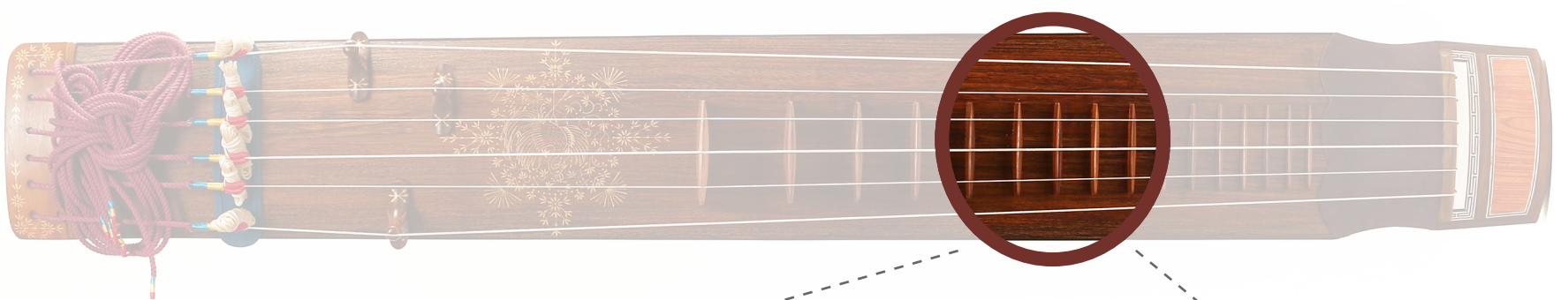
Jeongak(classical music) | Minsokak(folk music)

4th fret

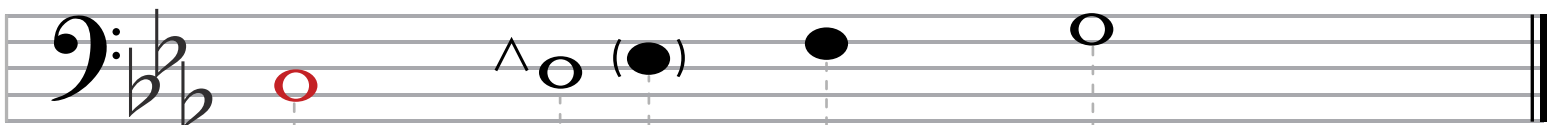
5th fret

7th fret

8th fret

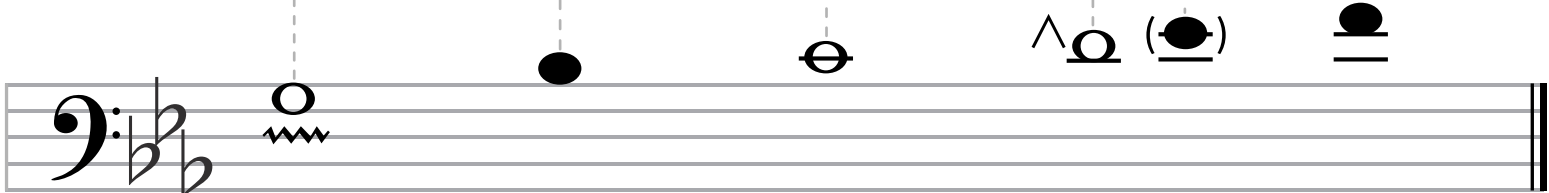


Touch the musical note.



daehyeon

yuhyeon



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How to tune the strings of the geomungo

Scales and individual pitch

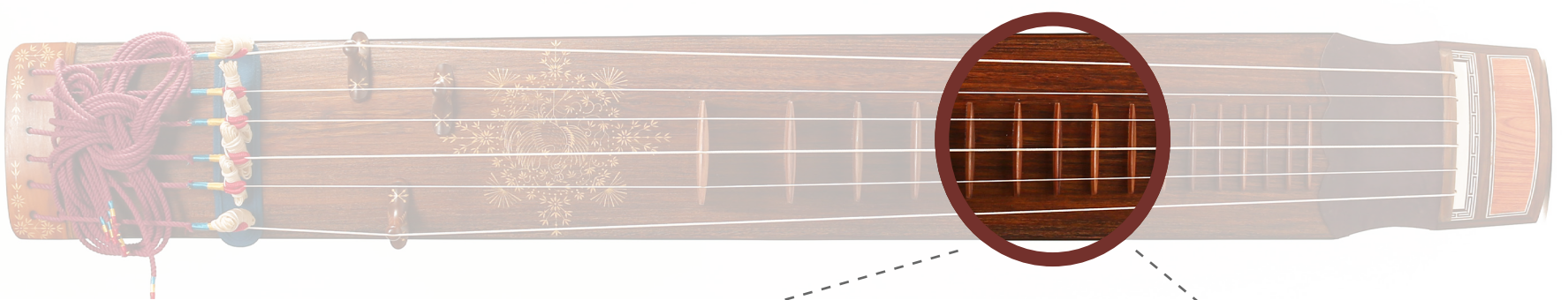
Jeongak(classical music) | Minsokak(folk music)

4th fret

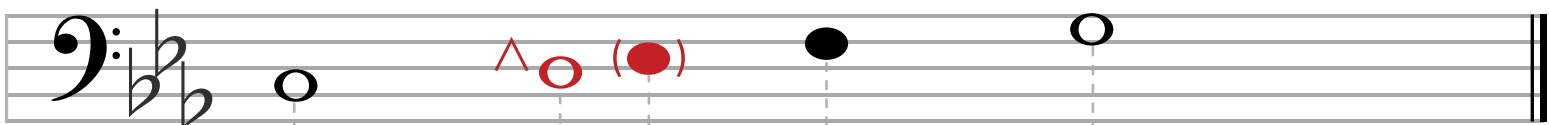
5th fret

7th fret

8th fret

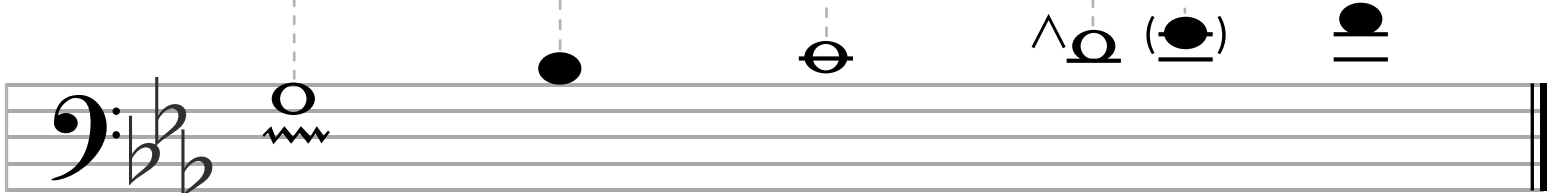


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daehyeon

yuhyeon



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How to tune the strings of the geomungo

Scales and individual pitch

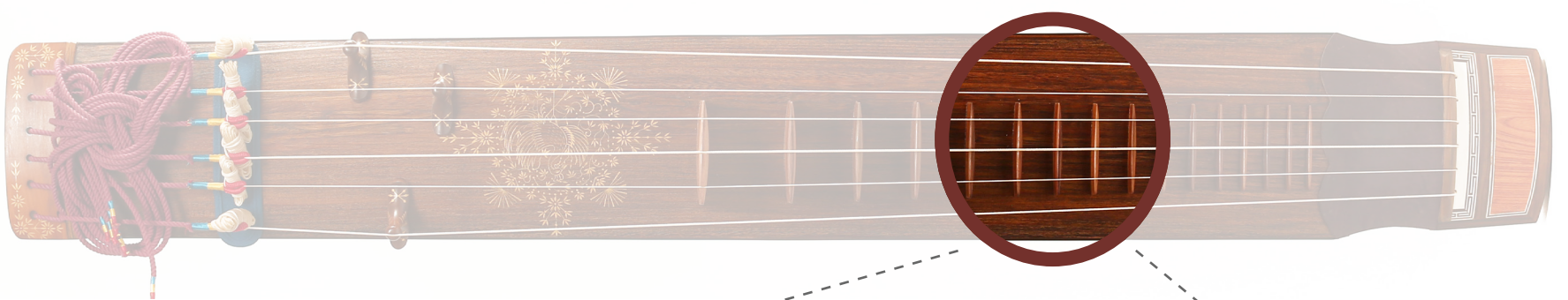
Jeongak(classical music) | Minsokak(folk music)

4th fret

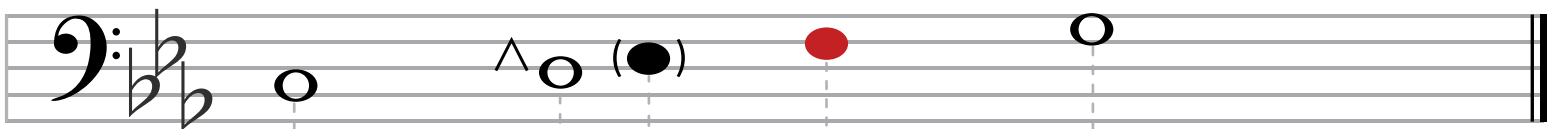
5th fret

7th fret

8th fret

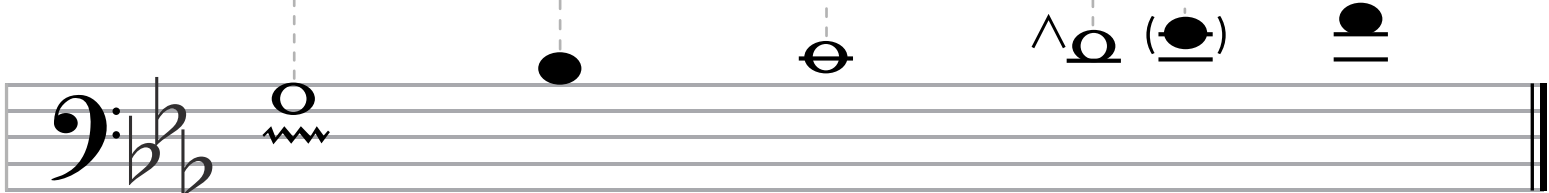


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daehyeon

yuhyeon



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How to tune the strings of the geomungo

Scales and individual pitch

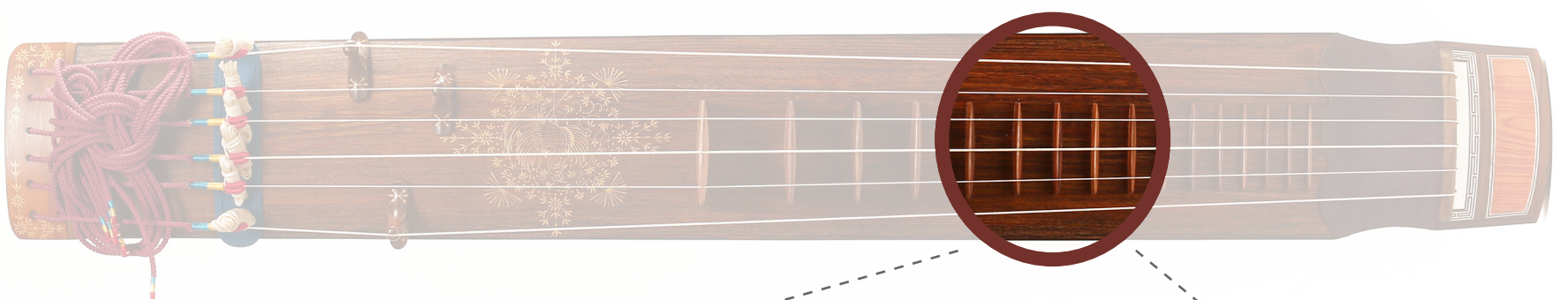
Jeongak(classical music) | Minsokak(folk music)

4th fret

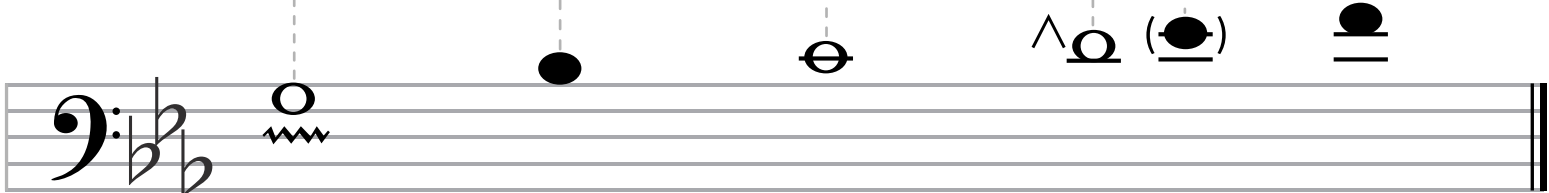
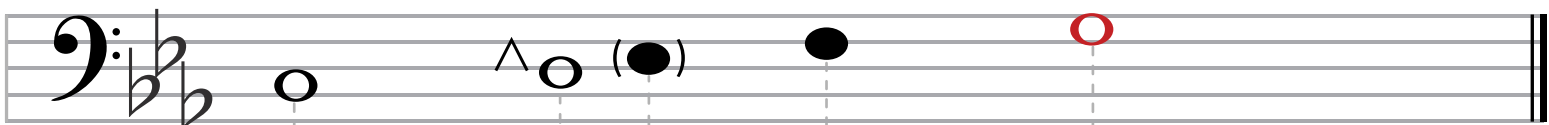
5th fret

7th fret

8th fret



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How to tune the strings of the geomungo

Scales and individual pitch

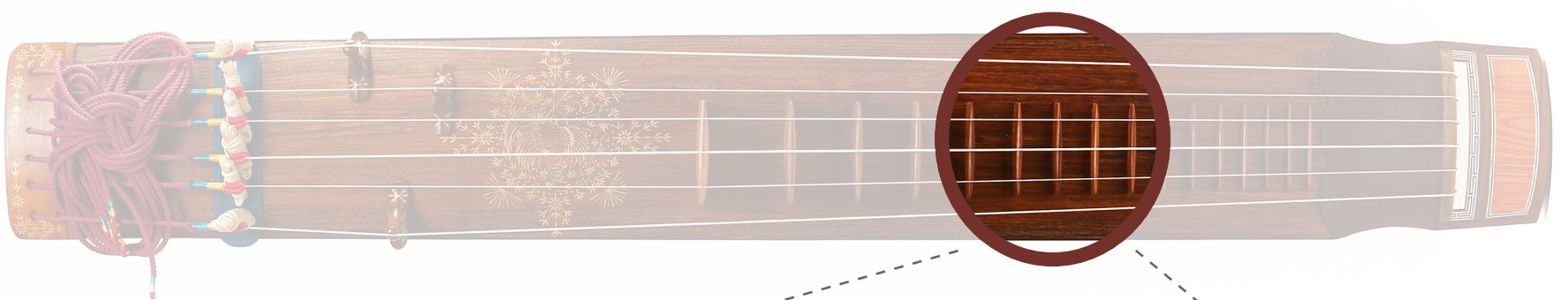
Jeongak(classical music) | Minsokak(folk music)

4th fret

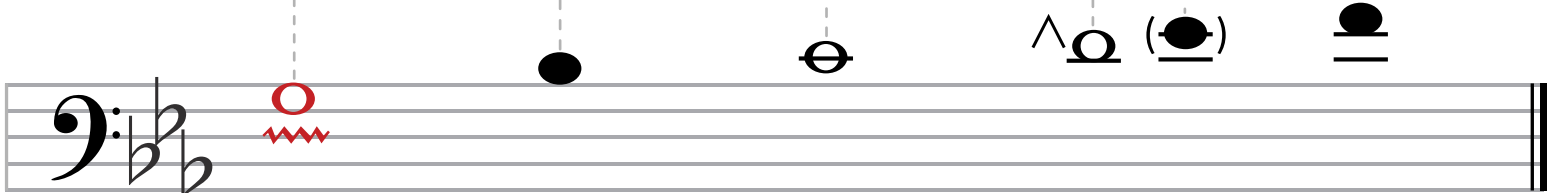
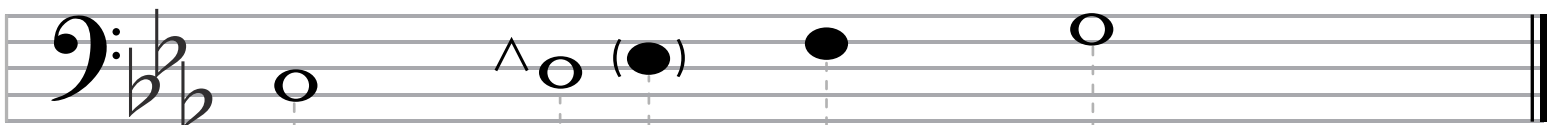
5th fret

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Touch the musical note.



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How to tune the strings of the geomungo

Scales and individual pitch

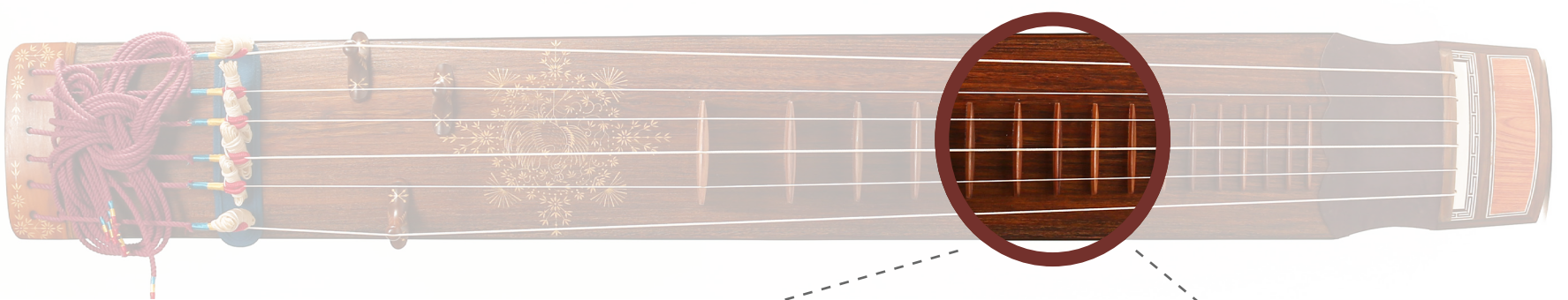
Jeongak(classical music) | Minsokak(folk music)

4th fret

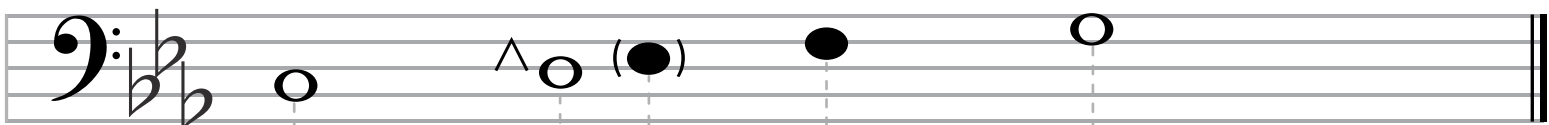
5th fret

7th fret

8th fret

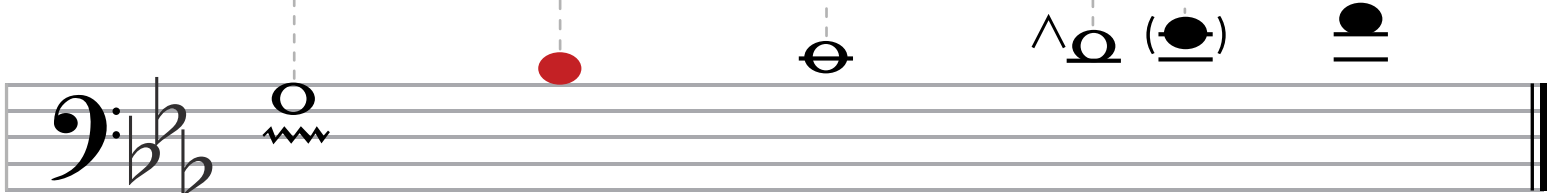


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daehyeon

yuhyeon



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How to tune the strings of the geomungo

Scales and individual pitch

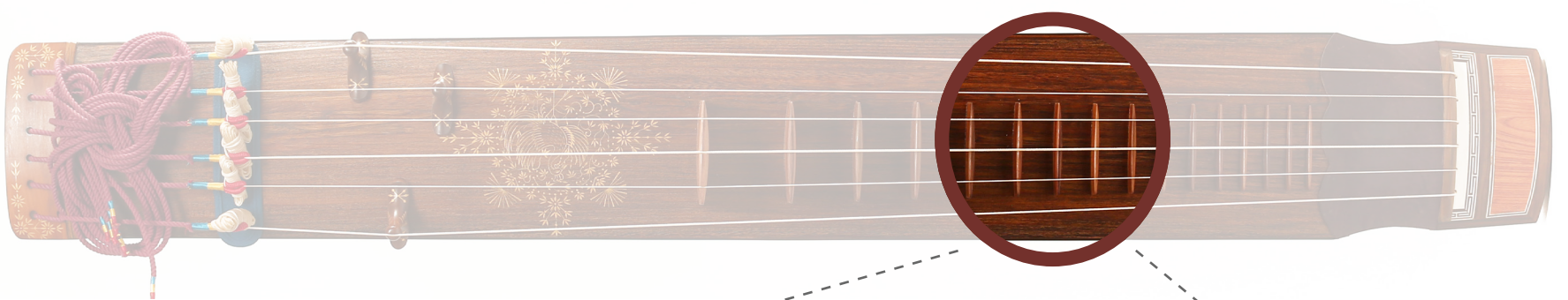
Jeongak(classical music) | Minsokak(folk music)

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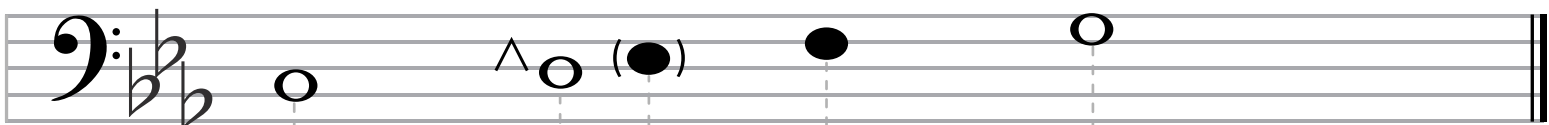
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How to tune the strings of the geomungo

Scales and individual pitch

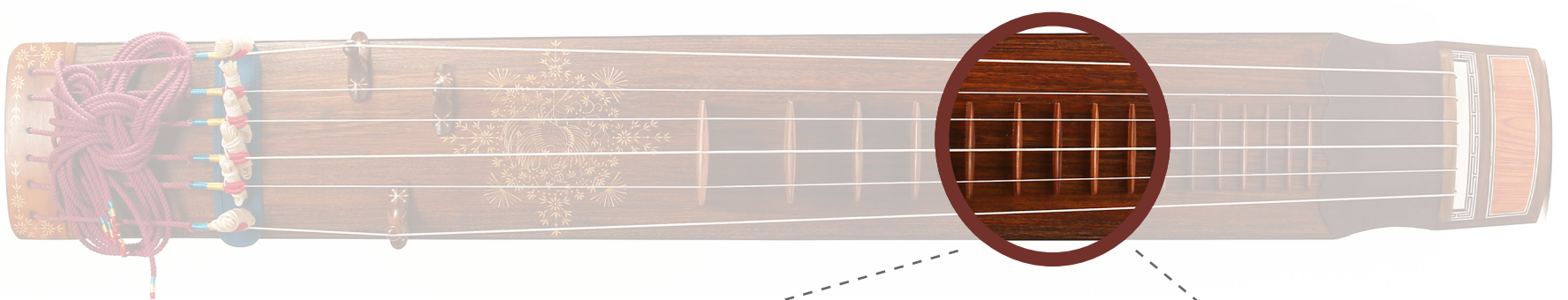
Jeongak(classical music) | Minsokak(folk music)

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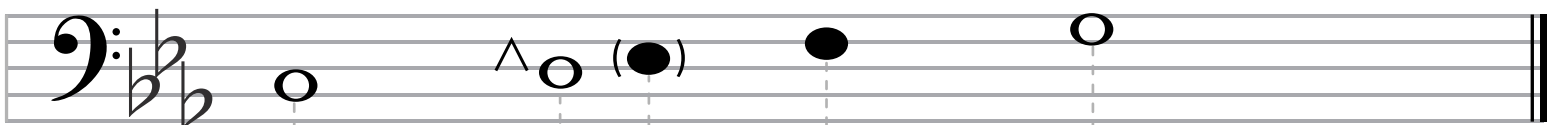
5th fret

7th fret

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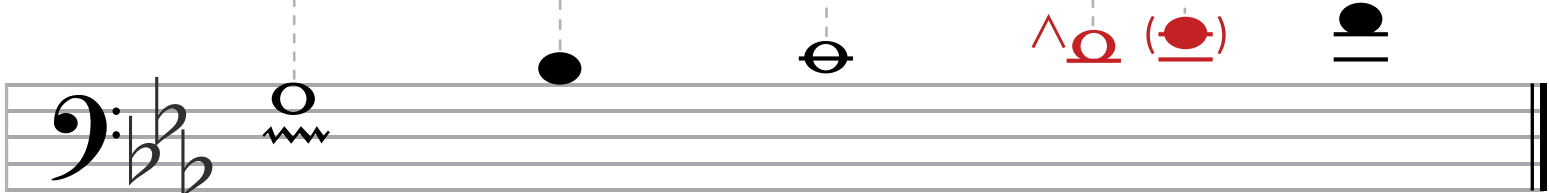


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daehyeon

yuhyeon



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How to tune the strings of the geomungo

Scales and individual pitch

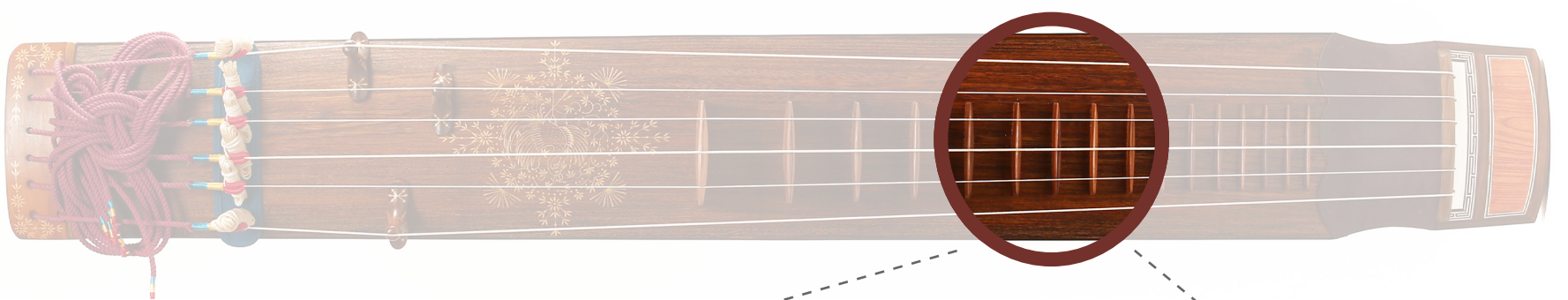
Jeongak(classical music) | Minsokak(folk music)

4th fret

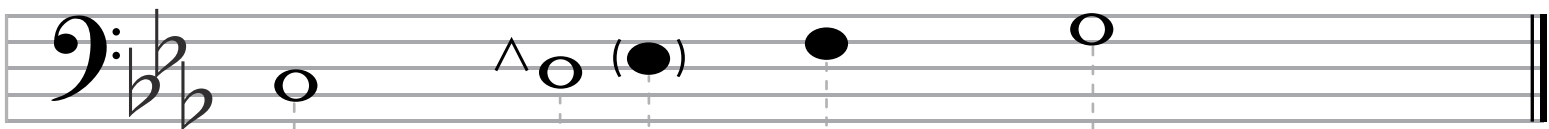
5th fret

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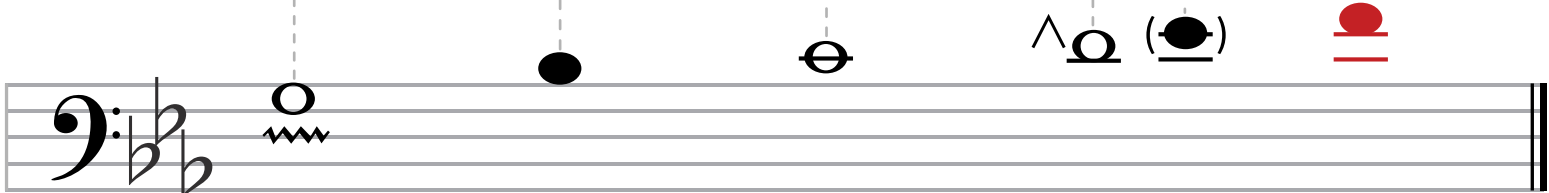


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daehyeon

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How to tune the strings of the geomungo

Scales and individual pitch

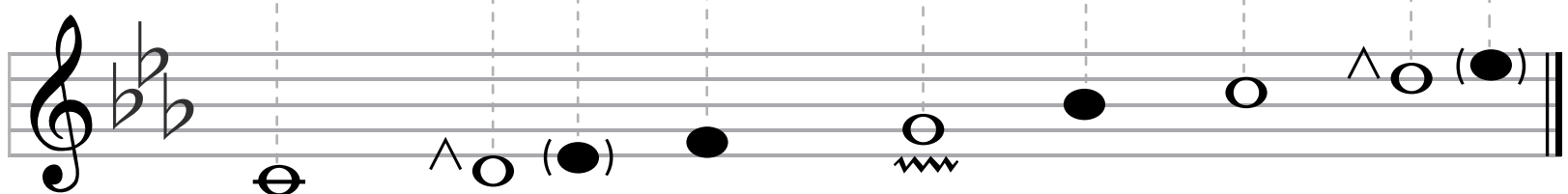
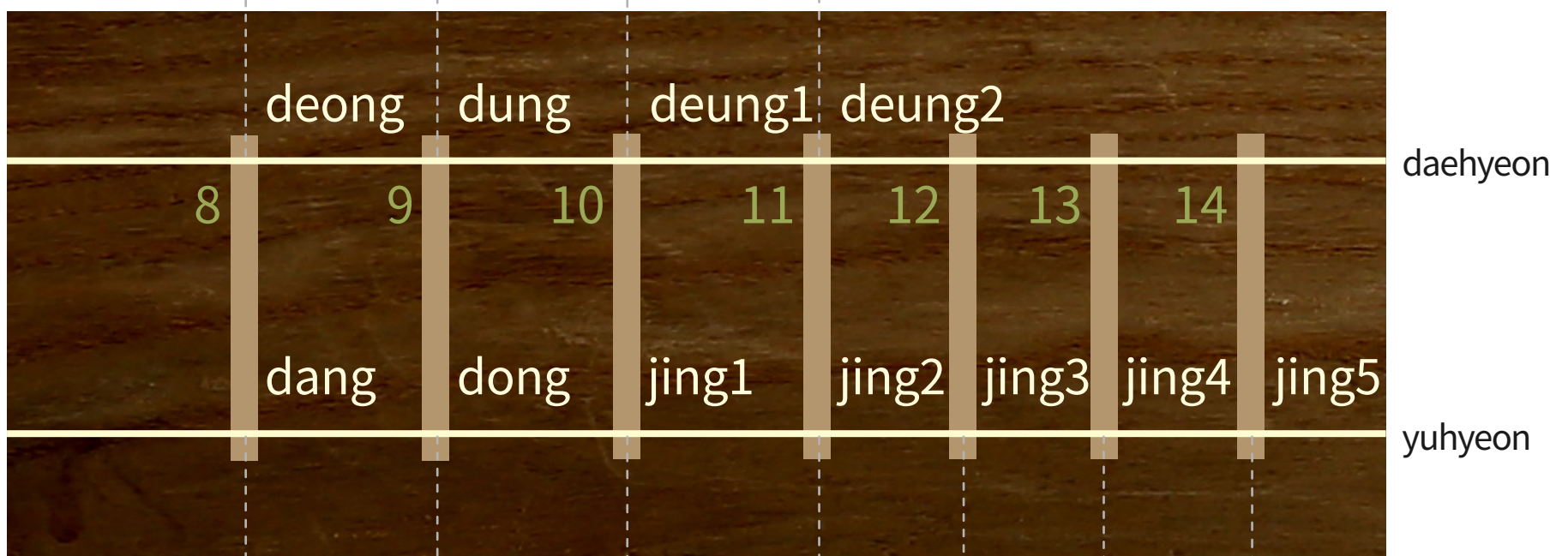
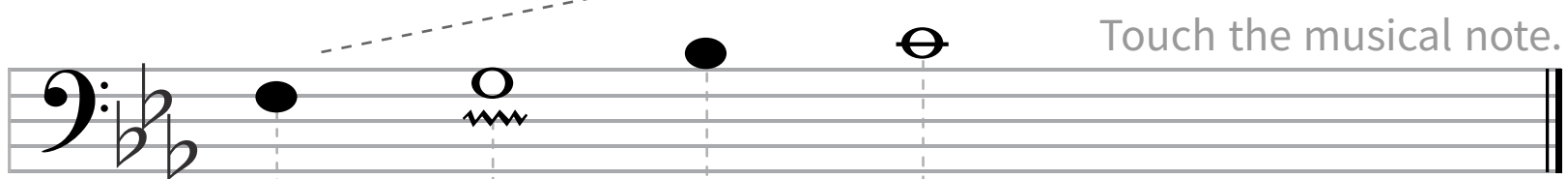
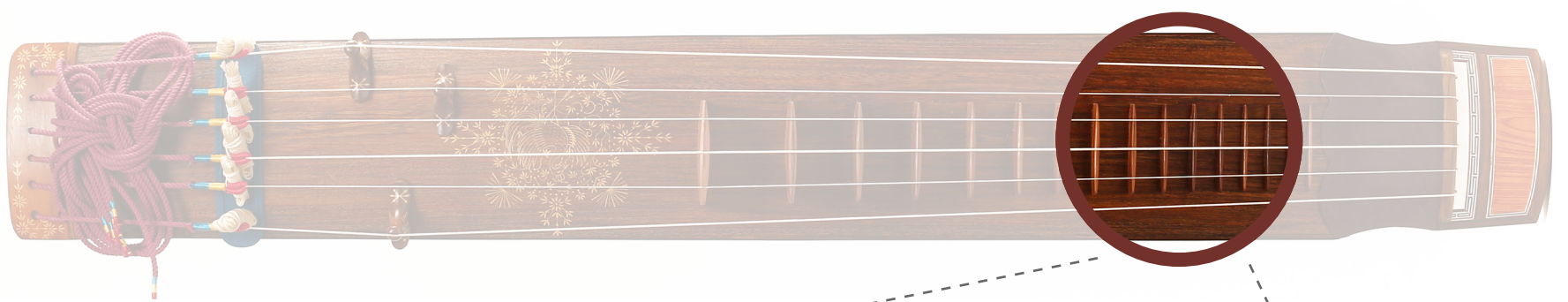
Jeongak(classical music) | Minsokak(folk music)

4th fret

5th fret

7th fret

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Scales and individual pitch

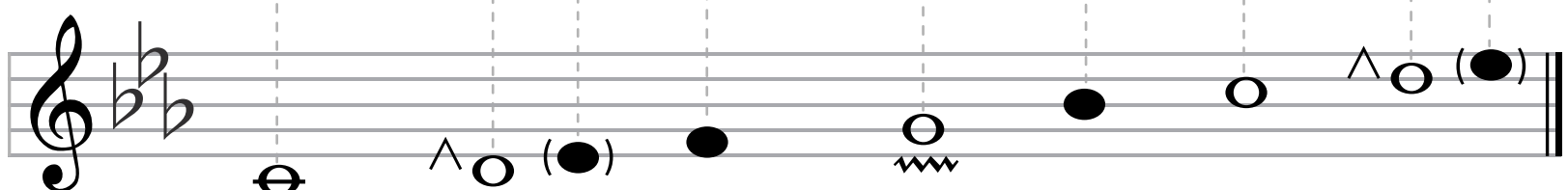
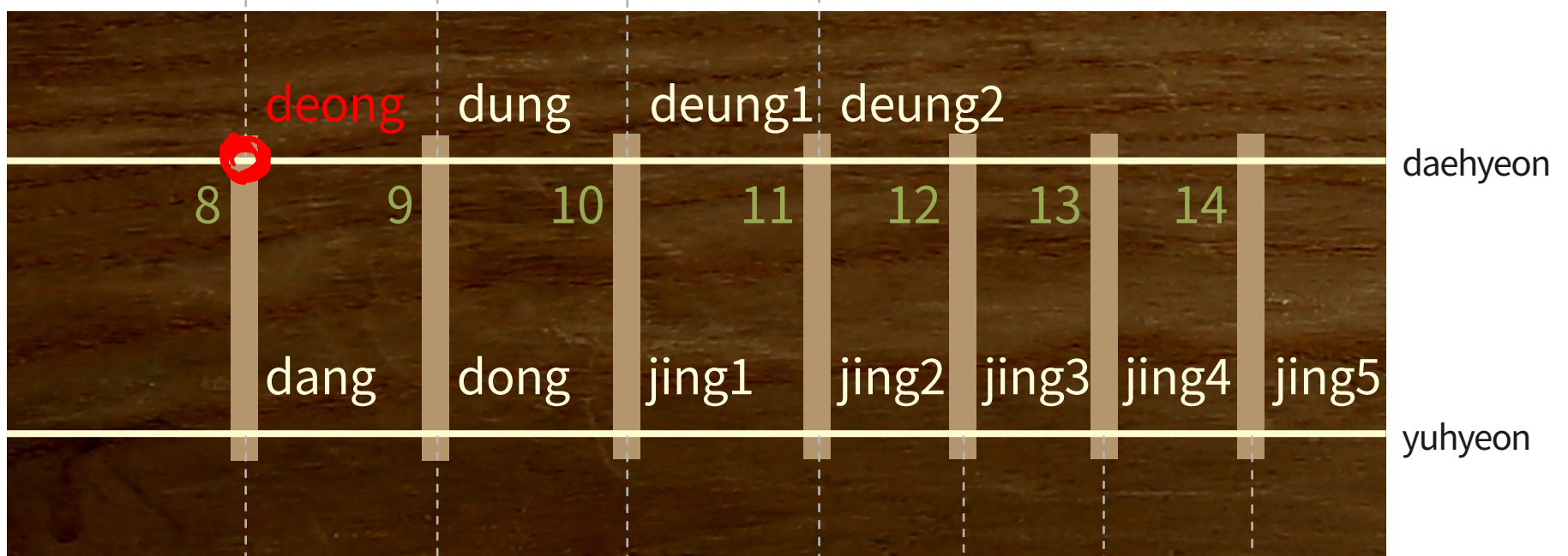
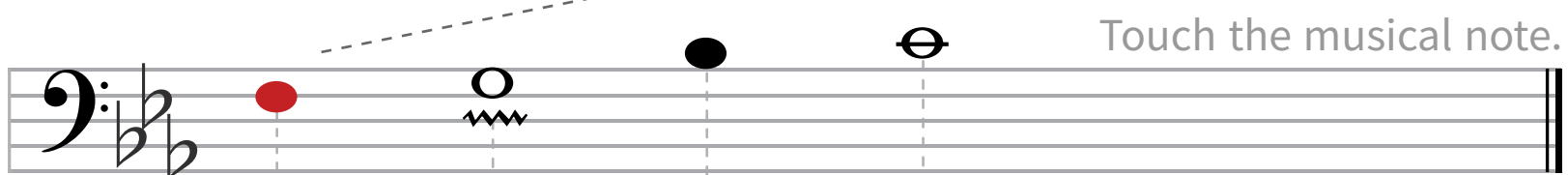
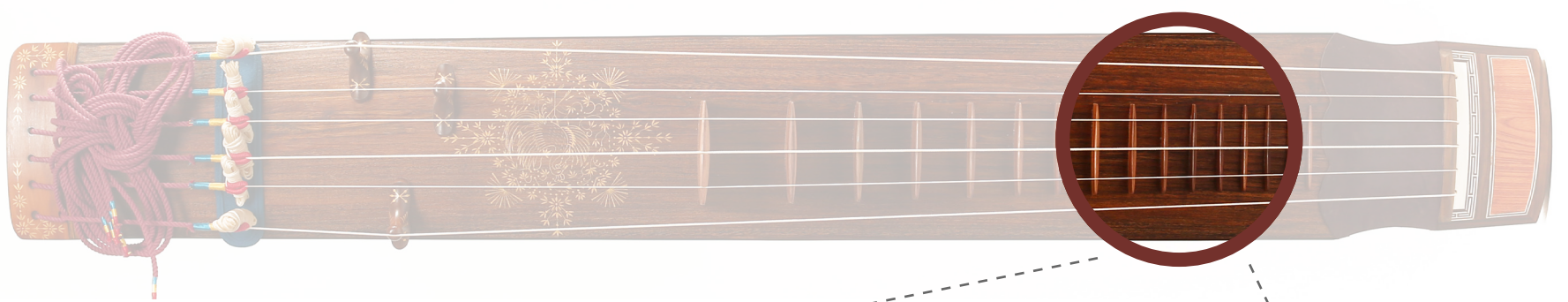
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4th fret

5th fret

7th fret

8th fret



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How to tune the strings of the geomungo

Scales and individual pitch

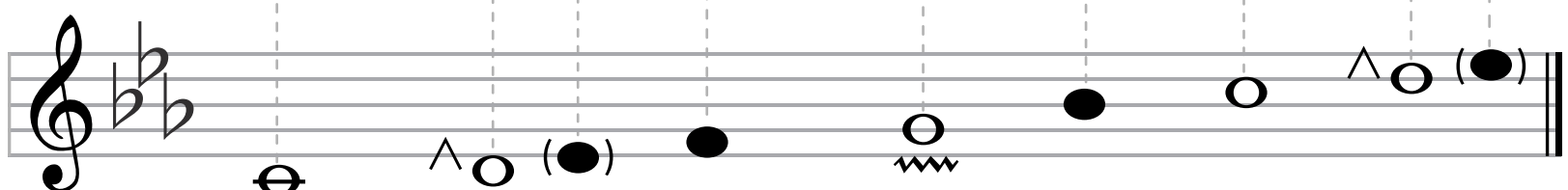
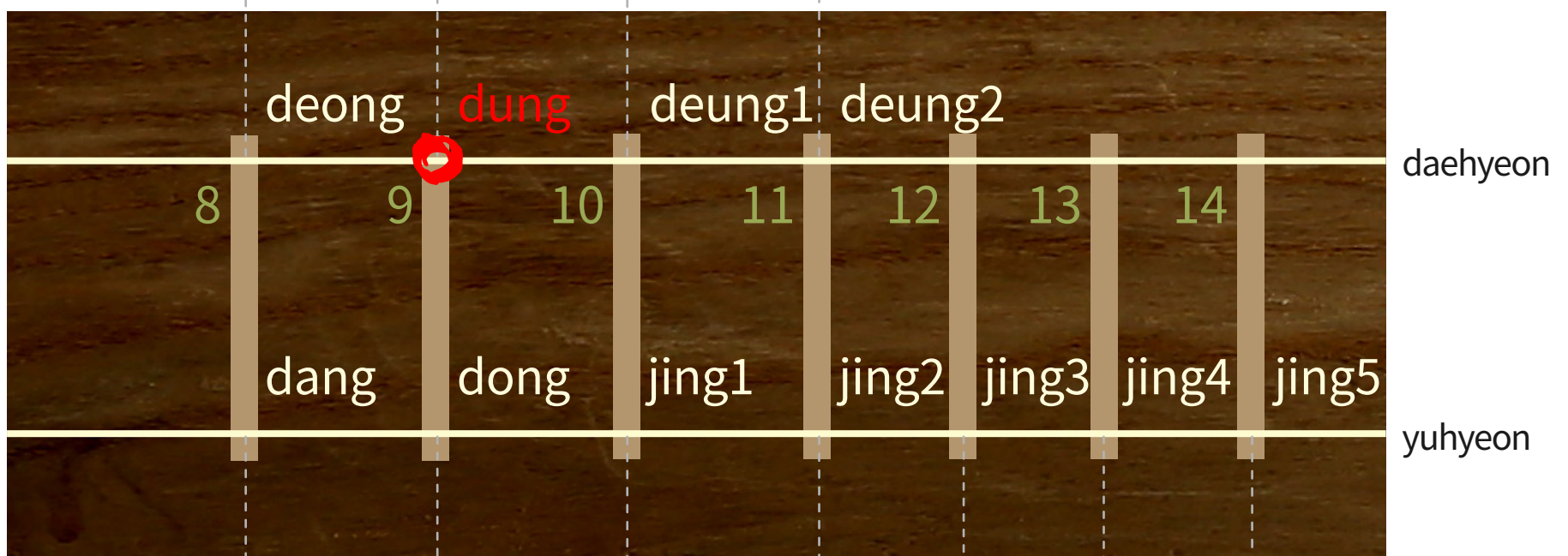
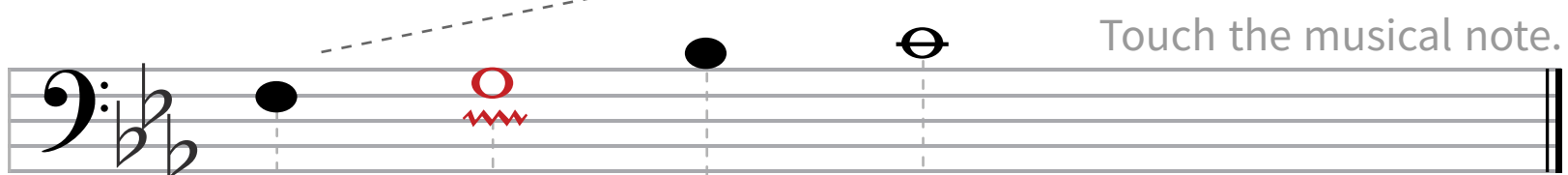
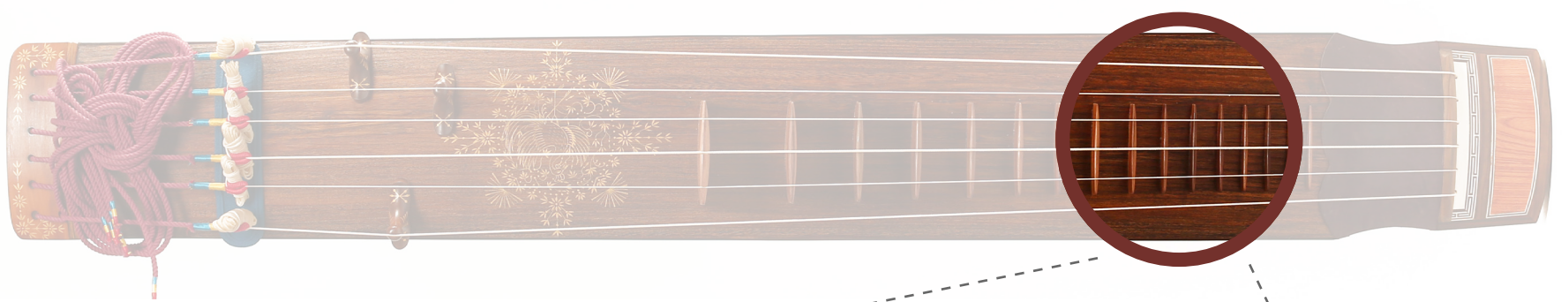
Jeongak(classical music) | Minsokak(folk music)

4th fret

5th fret

7th fret

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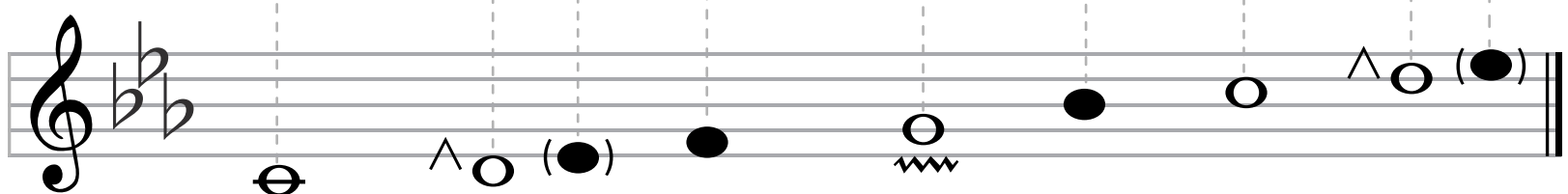
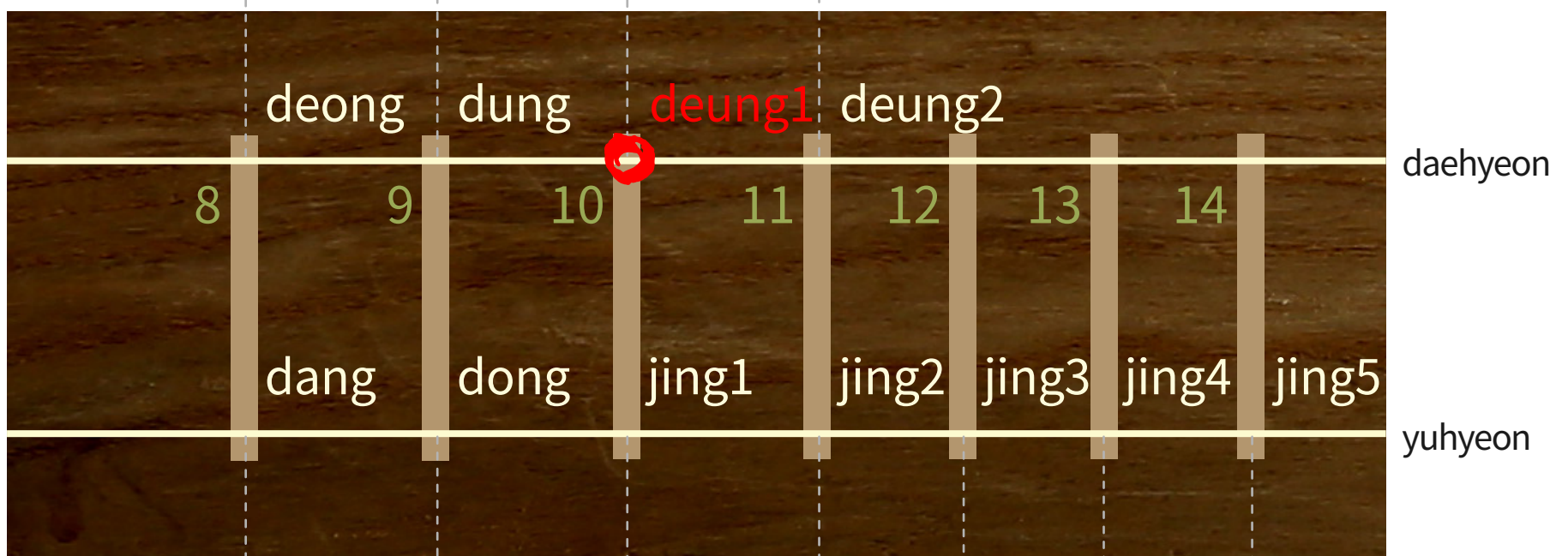
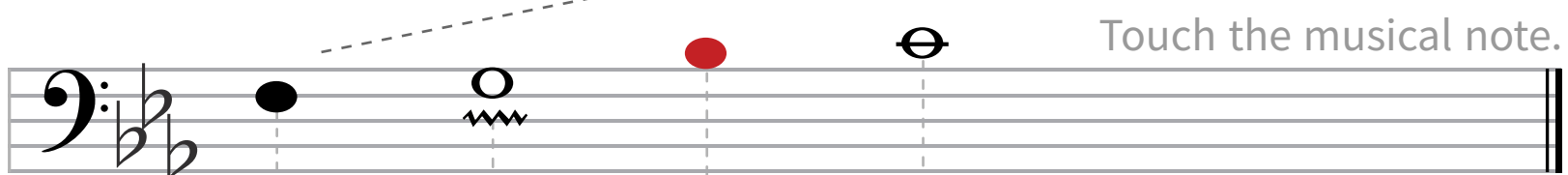
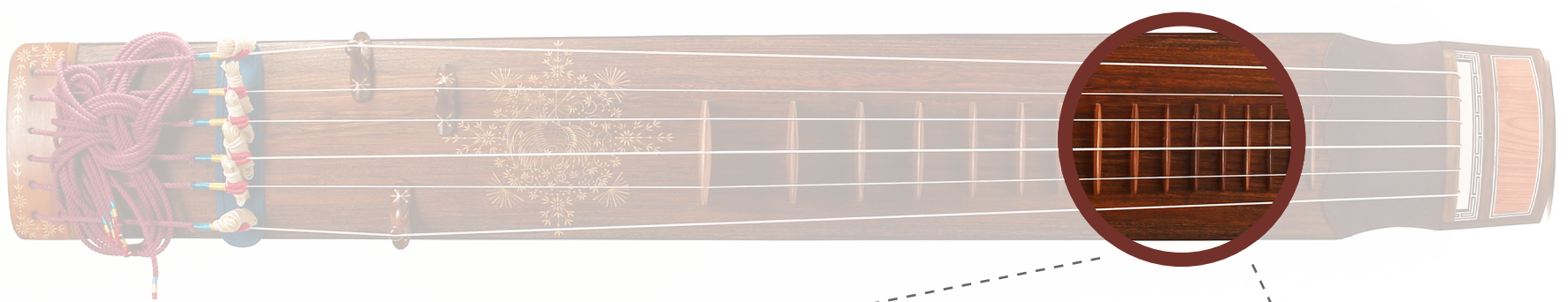
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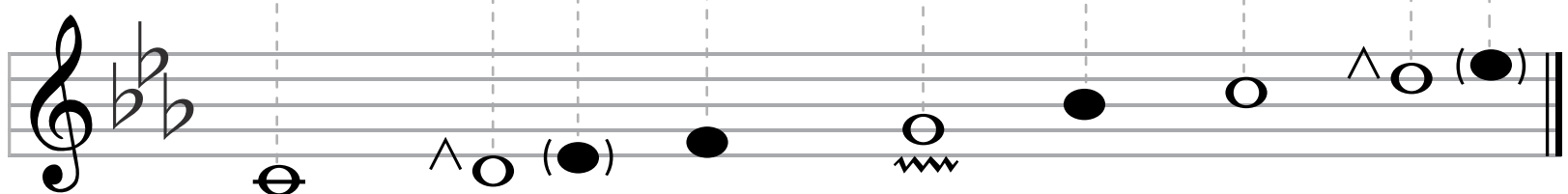
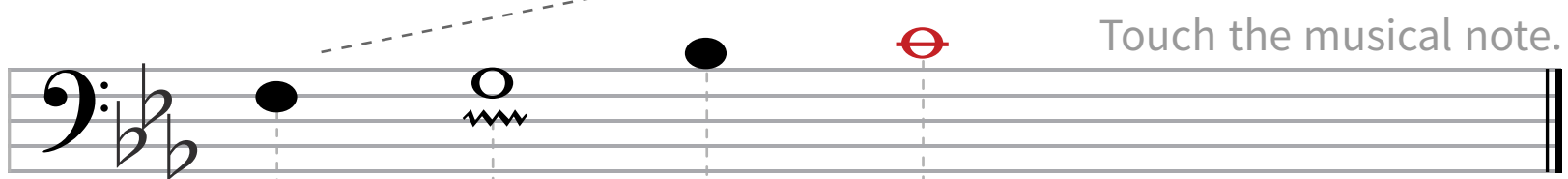
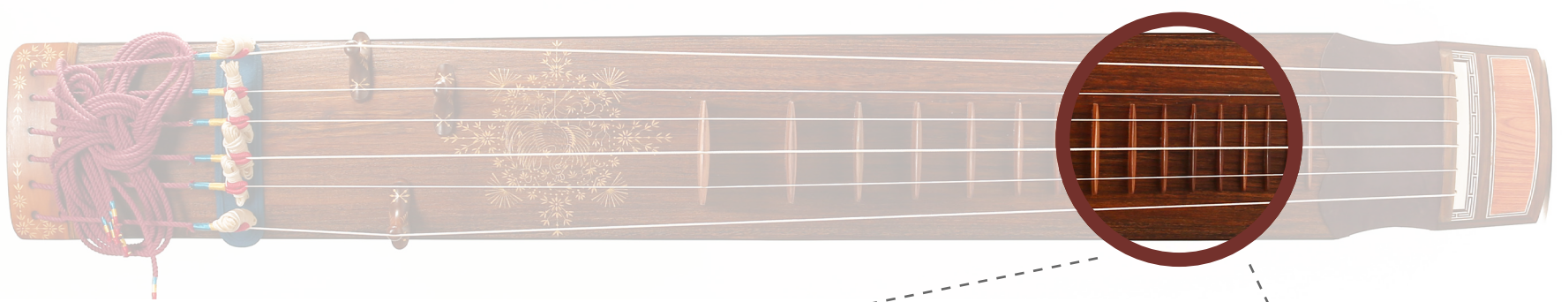
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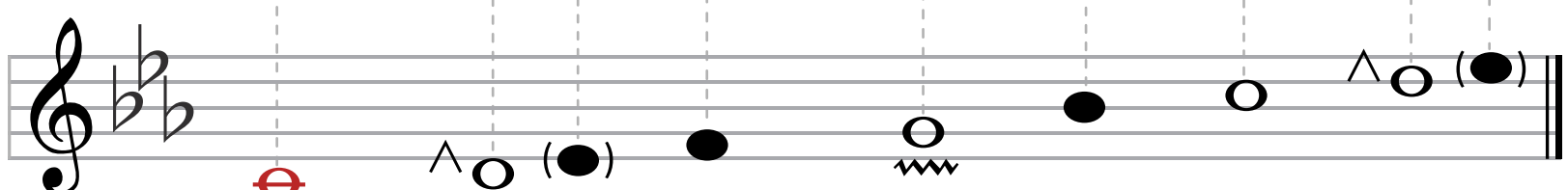
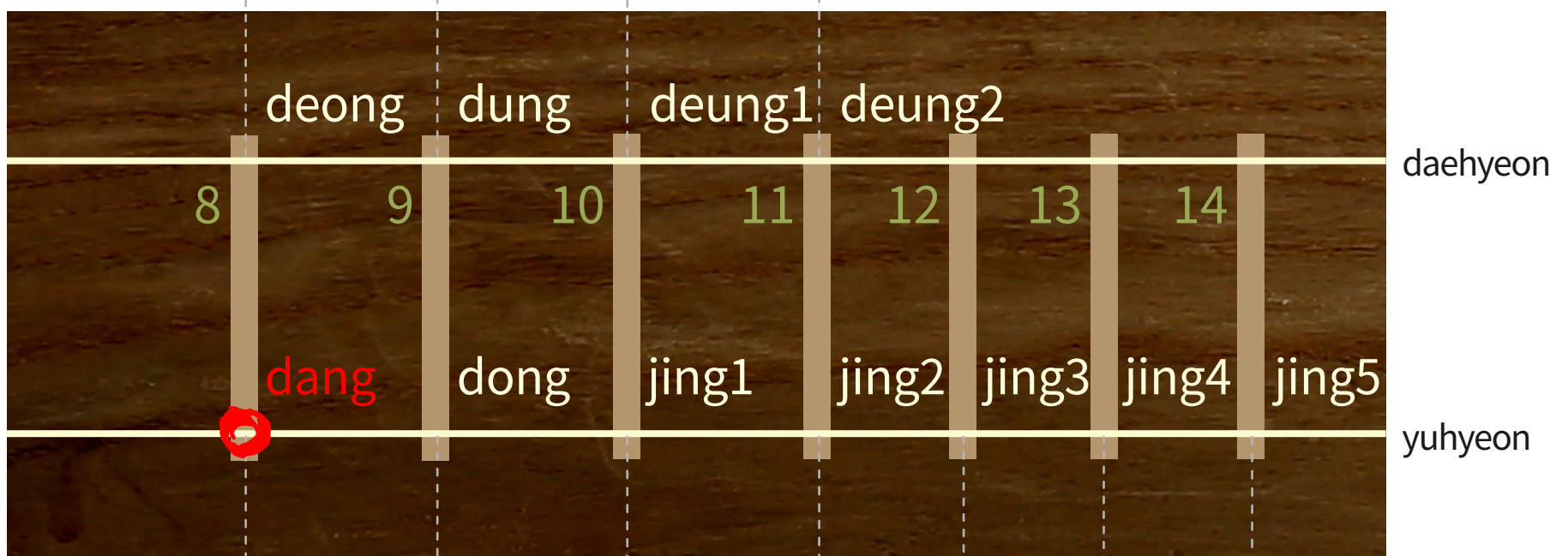
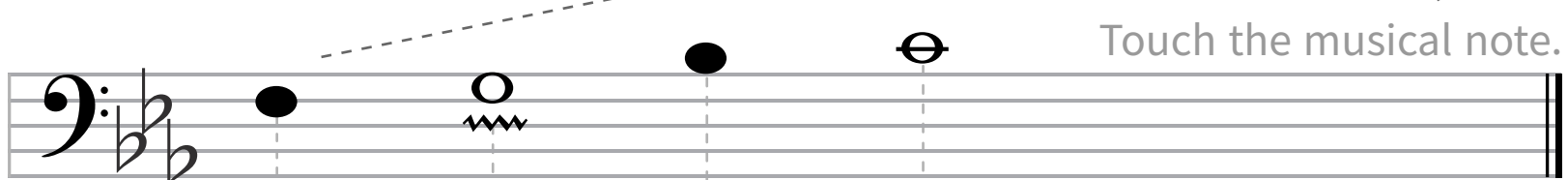
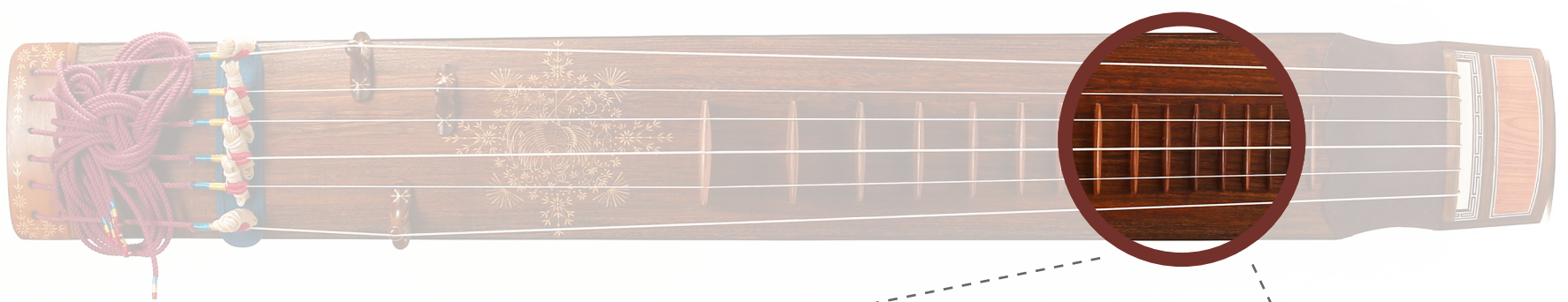
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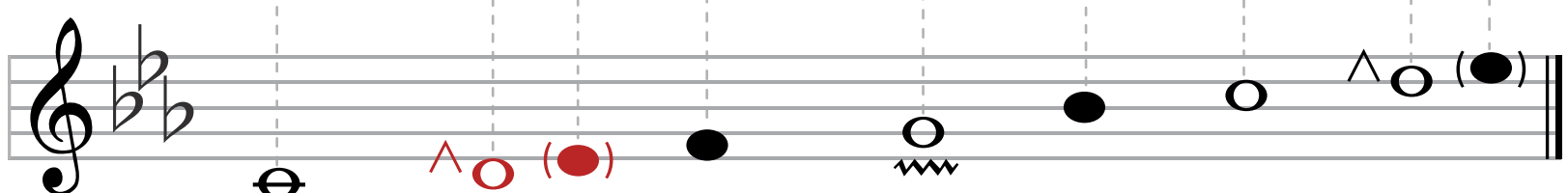
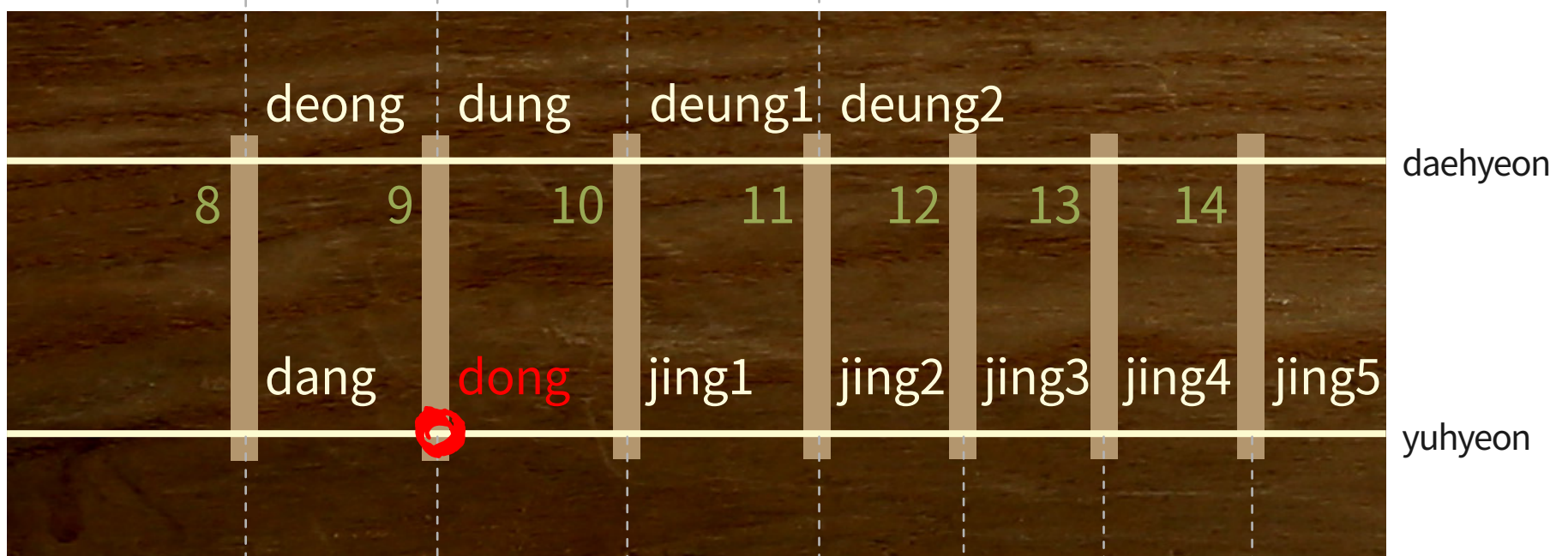
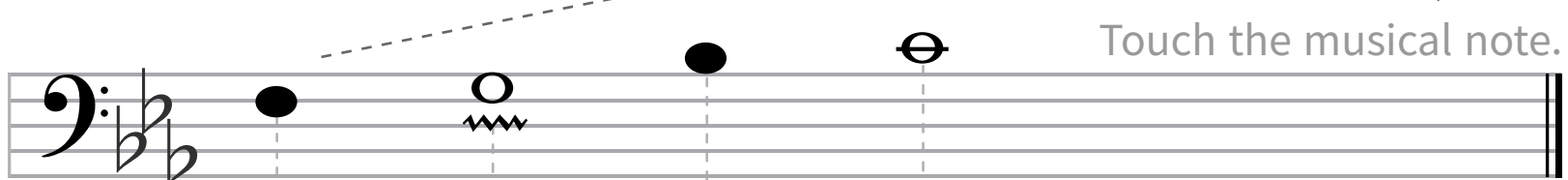
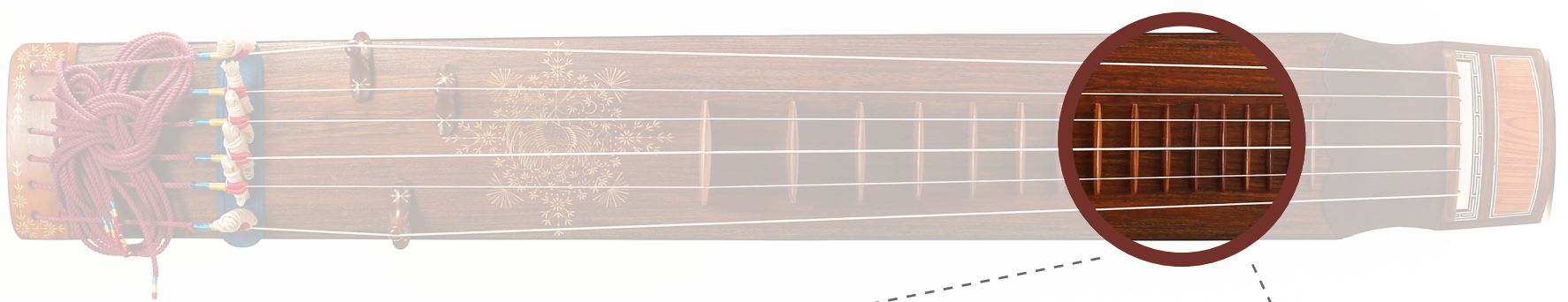
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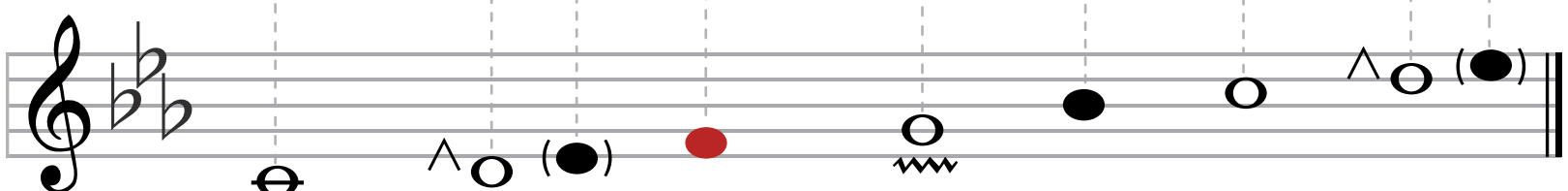
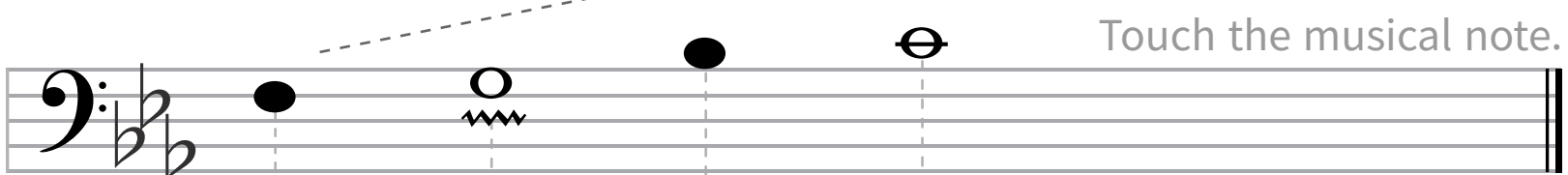
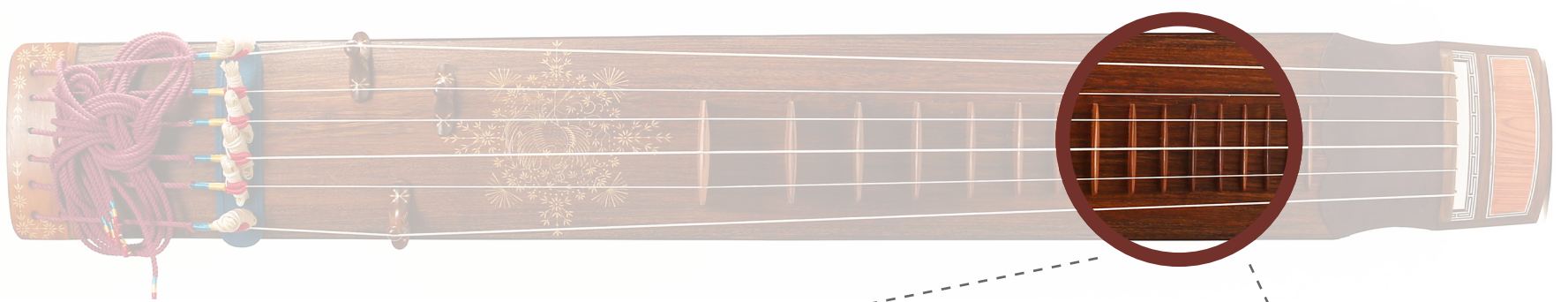
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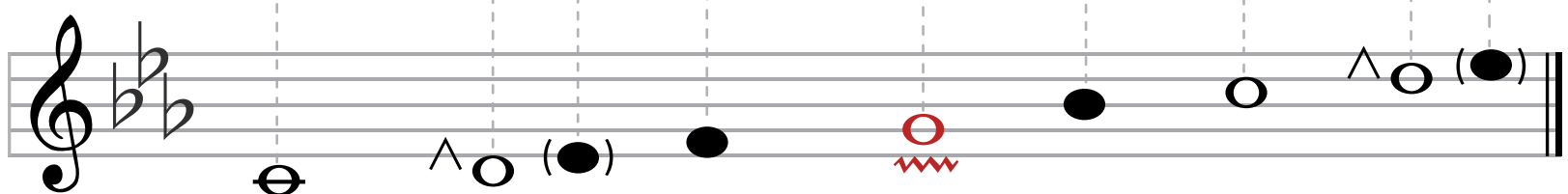
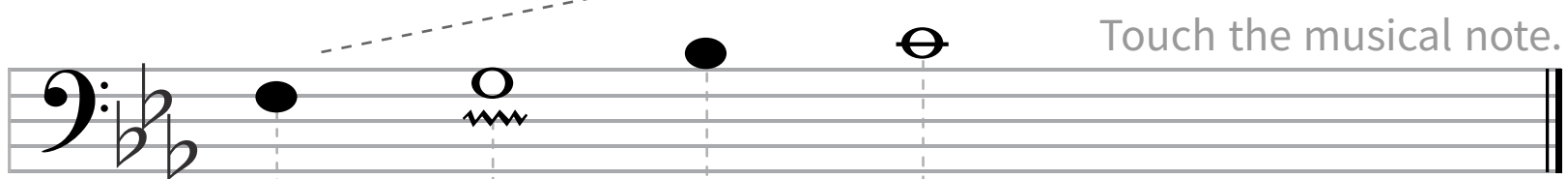
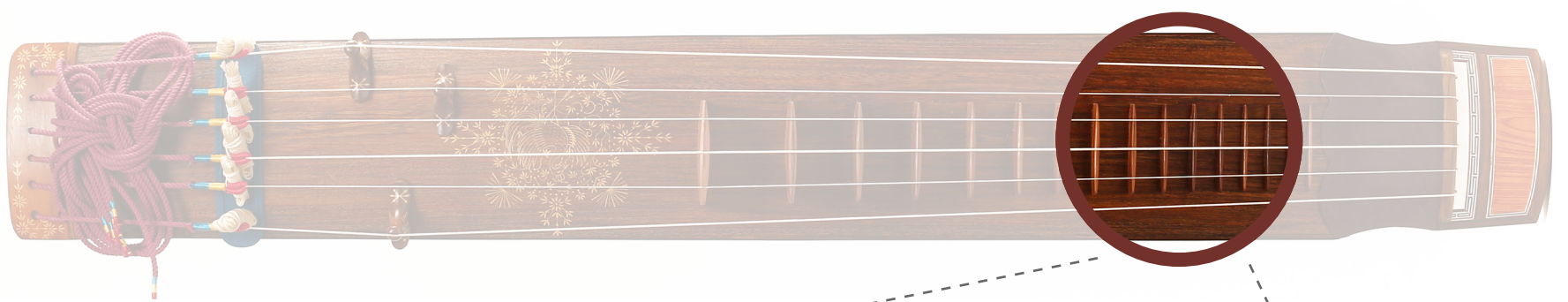
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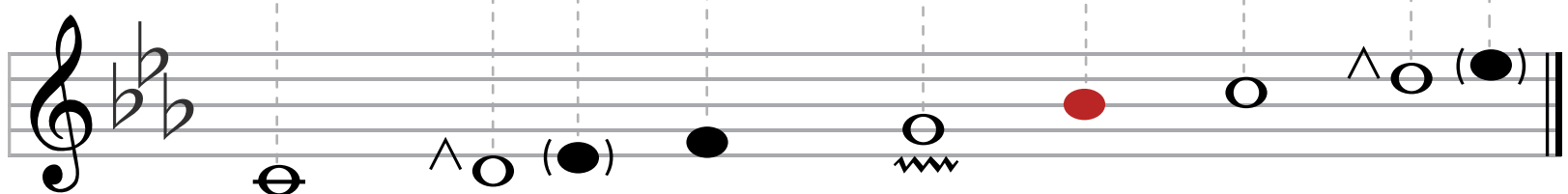
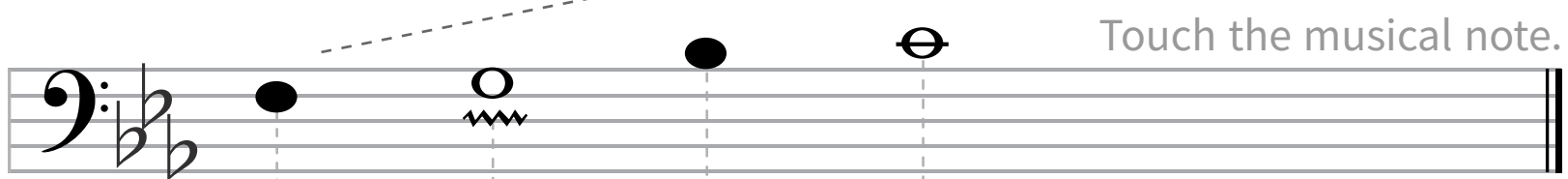
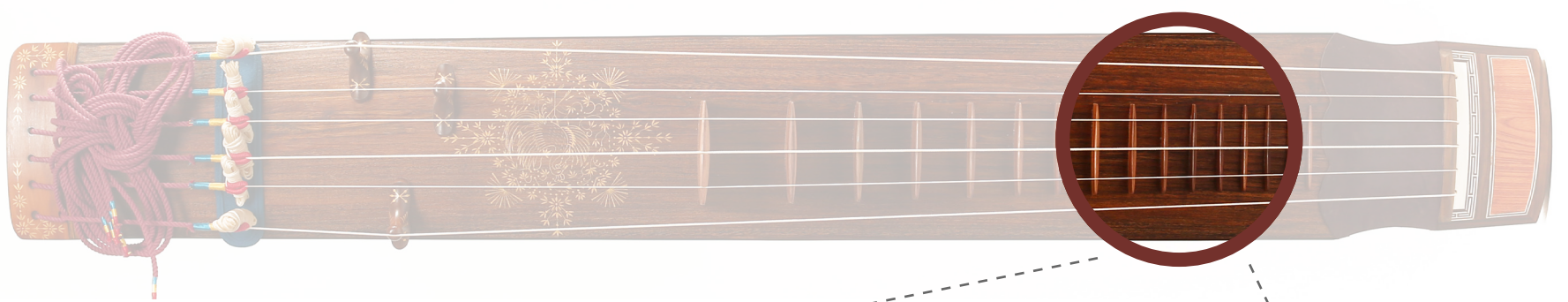
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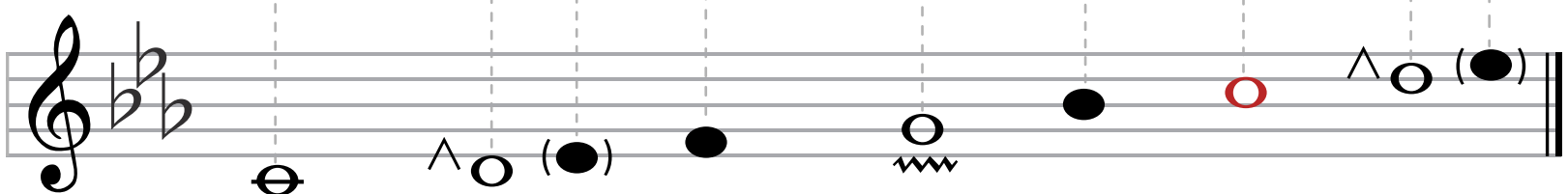
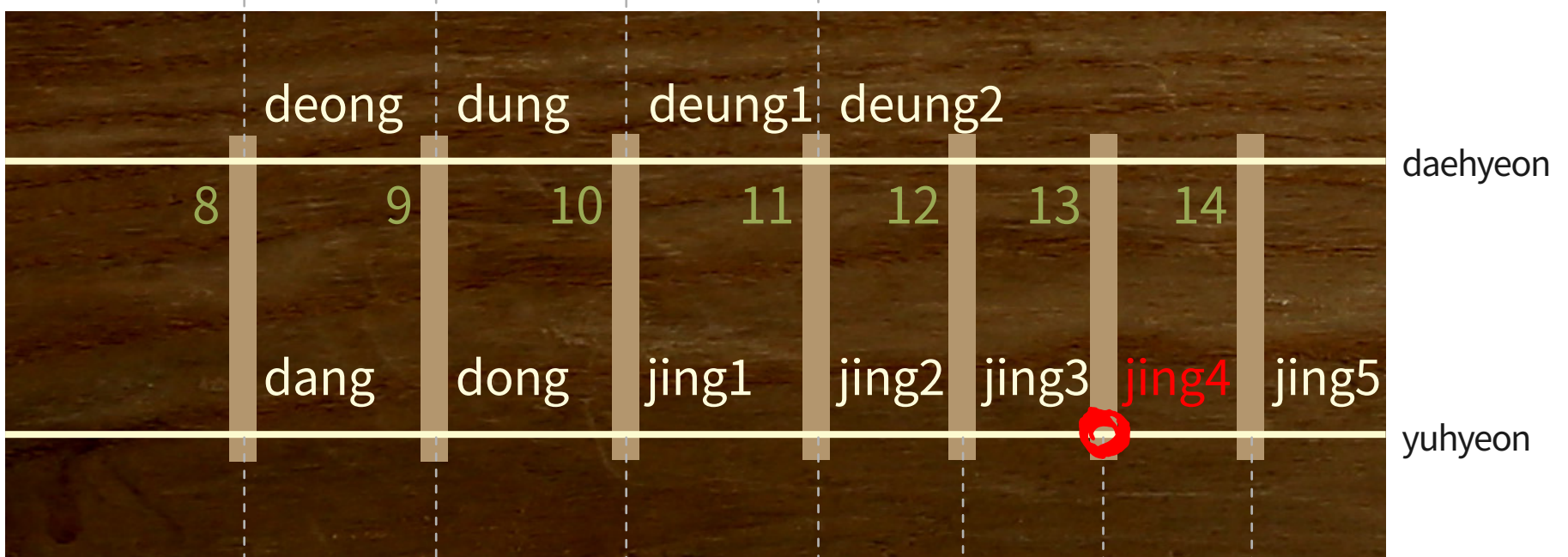
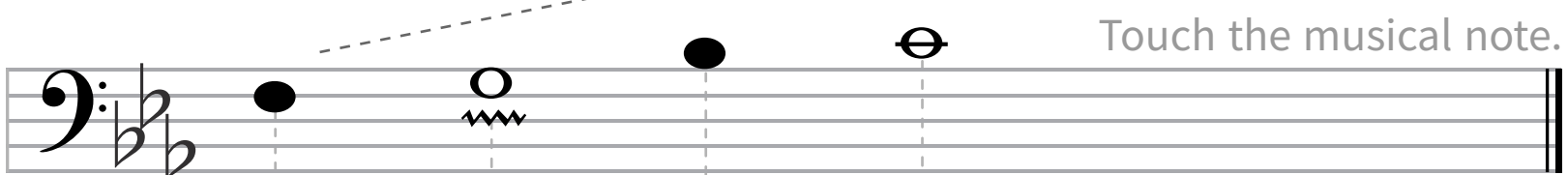
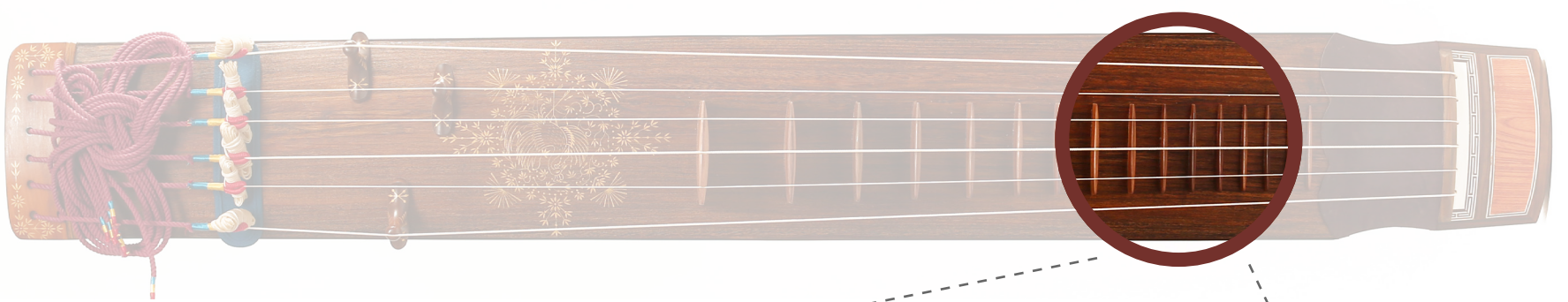
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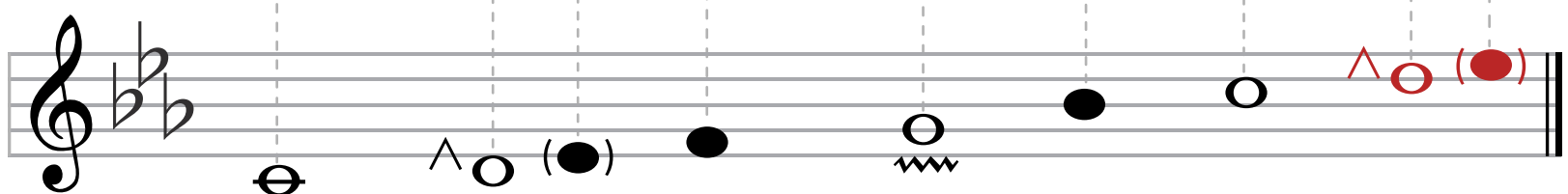
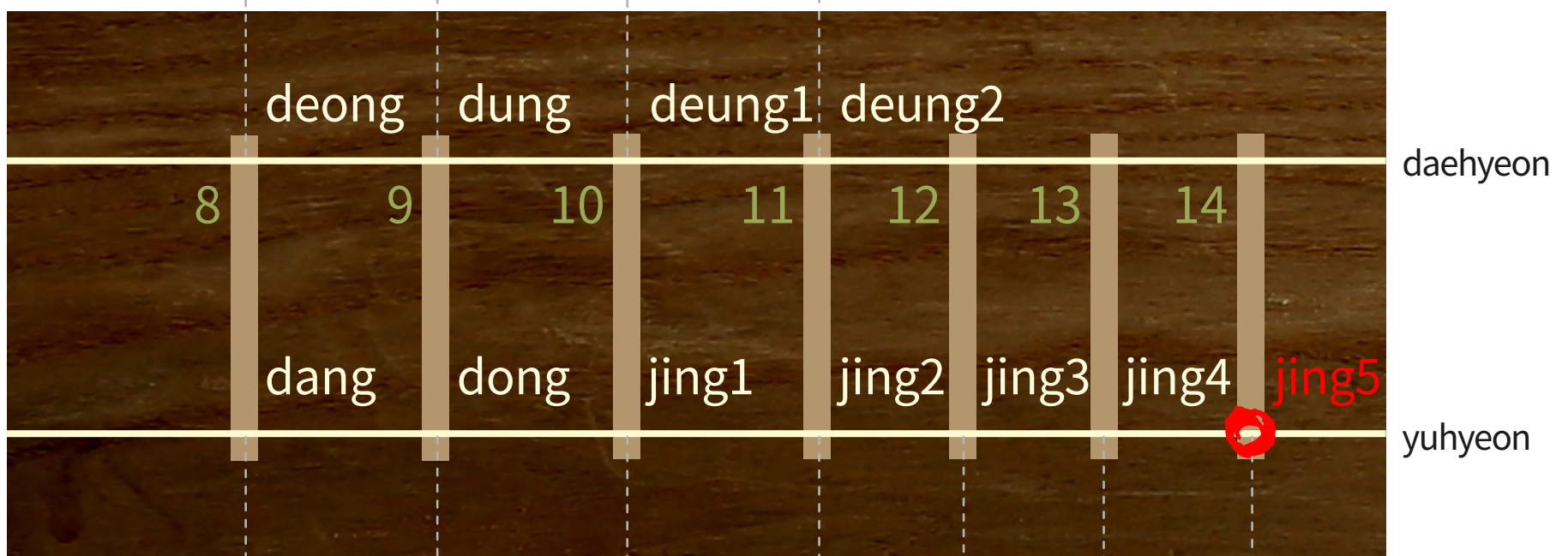
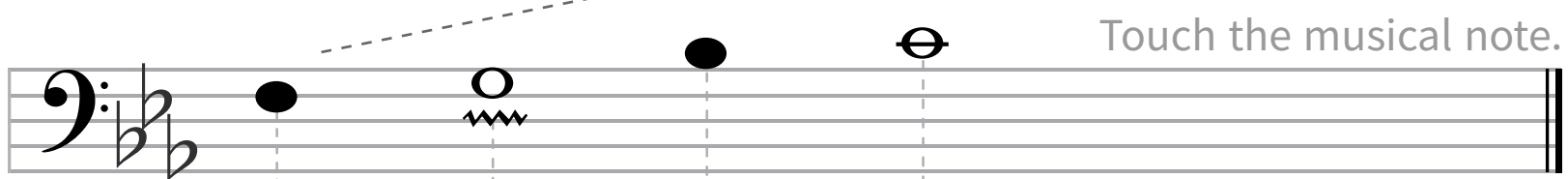
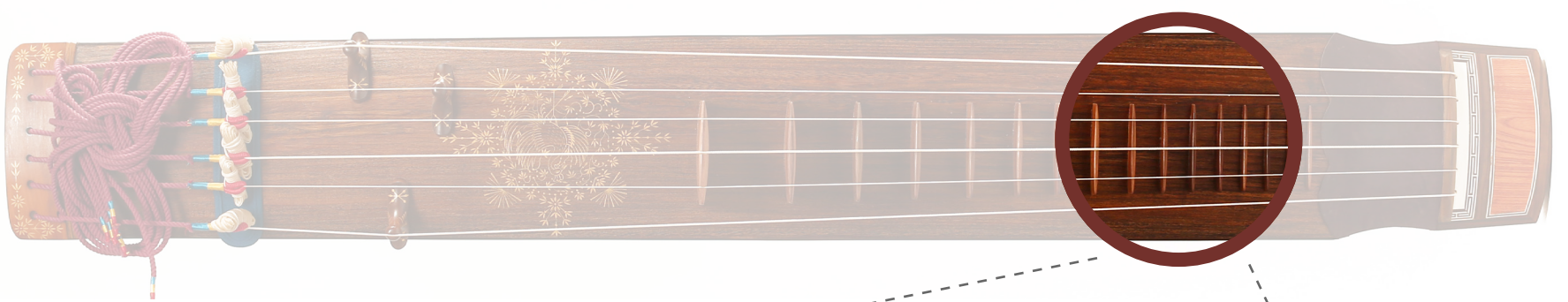
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Experience with Geomungo

Sitting posture when playing the geomungo

Playing techniques of Geomungo

Contemporary techniques of Geomungo

Sitting posture when playing the geomungo



A posture when performing jeongak
(classic music)

A posture when performing folk music
or new compositions

Sitting posture when playing the geomungo



A posture when performing jeongak
(classic music)

A posture when performing folk music
or new compositions

Playing techniques of Geomungo

Right hand +

Pluck or strike the strings with the suldae as if pushing them away in order to make a sound. One can create specific timbre, dynamics, and speed.



+ Left hand

Press the strings above the frets with fingers in order to adjust the pitch. One can make various ornamentation such as toeseong, chuseong, and yoseong to the vibrating sound by plucking with the right hand.



EXPERIENCE WITH GEOMUNGO

Playing techniques of Geomungo

Right hand | Left hand



Holding the suldae
(a pencil-sized wooden plectrum)

Making sound with the suldae

Right-hand technique



EXPERIENCE WITH GEOMUNGO

Playing techniques of Geomungo

Right hand | Left hand



Holding the suldae
(a pencil-sized wooden plectrum)

Making sound with the suldae

Right-hand technique

Right-hand technique



One softly plucks yuhyeon or daehyeon down with the sul-dae as if one is pushing the strings outward.

Sojeom

Jungjeom

Daejeom

Ddeul

Salgaeng

Seulgidung



Right-hand technique



One strongly strikes yuhyeon or daehyeon down with sul-dae as if one pushes strings outward.

Sojeom

Jungjeom

Daejeom

Ddeul

Salgaeng

Seulgidung



Right-hand technique



One lifts the right hand holding the suldae slightly above the chest, and then powerfully strikes yuhyeon or daehyeon.

Sojeom

Jungjeom

Daejeom

Ddeul

Salgaeng

Seulgidung



Right-hand technique



One plucks the strings up with suldae as if one is pulling the strings inward.

Sojeom

Jungjeom

Daejeom

Ddeul

Salgaeng

Seulgidung



Right-hand technique



One strikes munhyeon first and then yuhyeon with a single movement. Its syllables of verbal notation are: salgaeng, ssalgaeng, saldang, saldong, or saljing when this stroke is played in two beats; but ssaraeng is used in one beat.

Sojeom

Jungjeom

Daejeom

Ddeul

Salgaeng

Seulgidung



Right-hand technique



One strikes munhyeon first, passes through yuhyeon, and then plucks daehyeon outward, with a single movement. Its syllables can be seulgideong, seulgidung, or seulgideung, depending on the left-hand technique.

Sojeom

Jungjeom

Daejeom

Ddeul

Salgaeng

Seulgidung





EXPERIENCE WITH GEOMUNGO

Playing techniques of Geomungo

Right hand | Left hand



The Left-hand posture

Left-hand technique ①

Pressing yuhyeon | Pressing daehyeon

Left-hand technique ②

Jachulseong | Jeonseong | Toeseong
Chuseong | Nonghyeon

Left-hand technique ③

Toeseong, chuseong, and nonghyeon in jeongak
Toeseong, chuseong, and nonghyeon in folk music

Left-hand technique ①



One places the ring finger, the index finger, and the thumb of the left hand onto yuhyeon and presses the strings above the frets. The syllable is 'dang' when one presses with the ring finger, 'dong' when pressing with the ring and index fingers, and 'jing' when with the ring finger and thumb are used. 'Jing' is distinguished by jing1, jing2, and jing3 depending on the location of the thumb when pressing strings above the frets.

Pressing yuhyeon

dang dong jing2 jing2* jing3*

Pressing daehyeon

Deong Dung Deung



*It can produce a higher tone by pushing the strings forward.

Left-hand technique ①



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dang **dong** jing2 jing2* jing3*

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Pressing yuhyeon

dang dong **jing2** jing2* jing3*

Pressing daehyeon

Deong Dung Deung



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Pressing yuhyeon

dang dong jing2 **jing2*** jing3*

Pressing daehyeon

Deong Dung Deung



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Pressing yuhyeon

dang dong jing2 jing2* **jing3***

Pressing daehyeon

Deong Dung Deung



*It can produce a higher tone by pushing the strings forward.

Left-hand technique ①



One places the middle finger, the index finger, and the thumb of the left hand onto daehyeon and presses the strings above the frets. The syllable of verbal notation is ‘deong’ when one presses with the middle finger, ‘dung’ when pressing with the middle and index fingers, and ‘deung’ when pressing with the middle finger and the thumb.

Pressing yuhyeon

dang dong jing2 jing2* jing3*

Pressing daehyeon

Deong Dung Deung



*It can produce a higher tone by pushing the strings forward.

Left-hand technique ①



One places the middle finger, the index finger, and the thumb of the left hand onto daehyeon and presses the strings above the frets. The syllable of verbal notation is ‘deong’ when one presses with the middle finger, ‘dung’ when pressing with the middle and index fingers, and ‘deung’ when pressing with the middle finger and the thumb.

Pressing yuhyeon

dang dong jing2 jing2* jing3*

Pressing daehyeon

Deong Dung Deung



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Left-hand technique ①



One places the middle finger, the index finger, and the thumb of the left hand onto daehyeon and presses the strings above the frets. The syllable of verbal notation is ‘deong’ when one presses with the middle finger, ‘dung’ when pressing with the middle and index fingers, and ‘deung’ when pressing with the middle finger and the thumb.

Pressing yuhyeon

dang dong jing2 jing2* jing3*

Pressing daehyeon

Deong **Dung** Deung



*It can produce a higher tone by pushing the strings forward.

Left-hand technique ①



One places the middle finger, the index finger, and the thumb of the left hand onto daehyeon and presses the strings above the frets. The syllable of verbal notation is ‘deong’ when one presses with the middle finger, ‘dung’ when pressing with the middle and index fingers, and ‘deung’ when pressing with the middle finger and the thumb.

Pressing yuhyeon

dang dong jing2 jing2* jing3*

Pressing daehyeon

Deong Dung **Deung**



*It can produce a higher tone by pushing the strings forward.

Left-hand technique ②



One strikes or plucks the strings with the thumb or the index finger of the left hand.

Jachulseong

Jeonseong

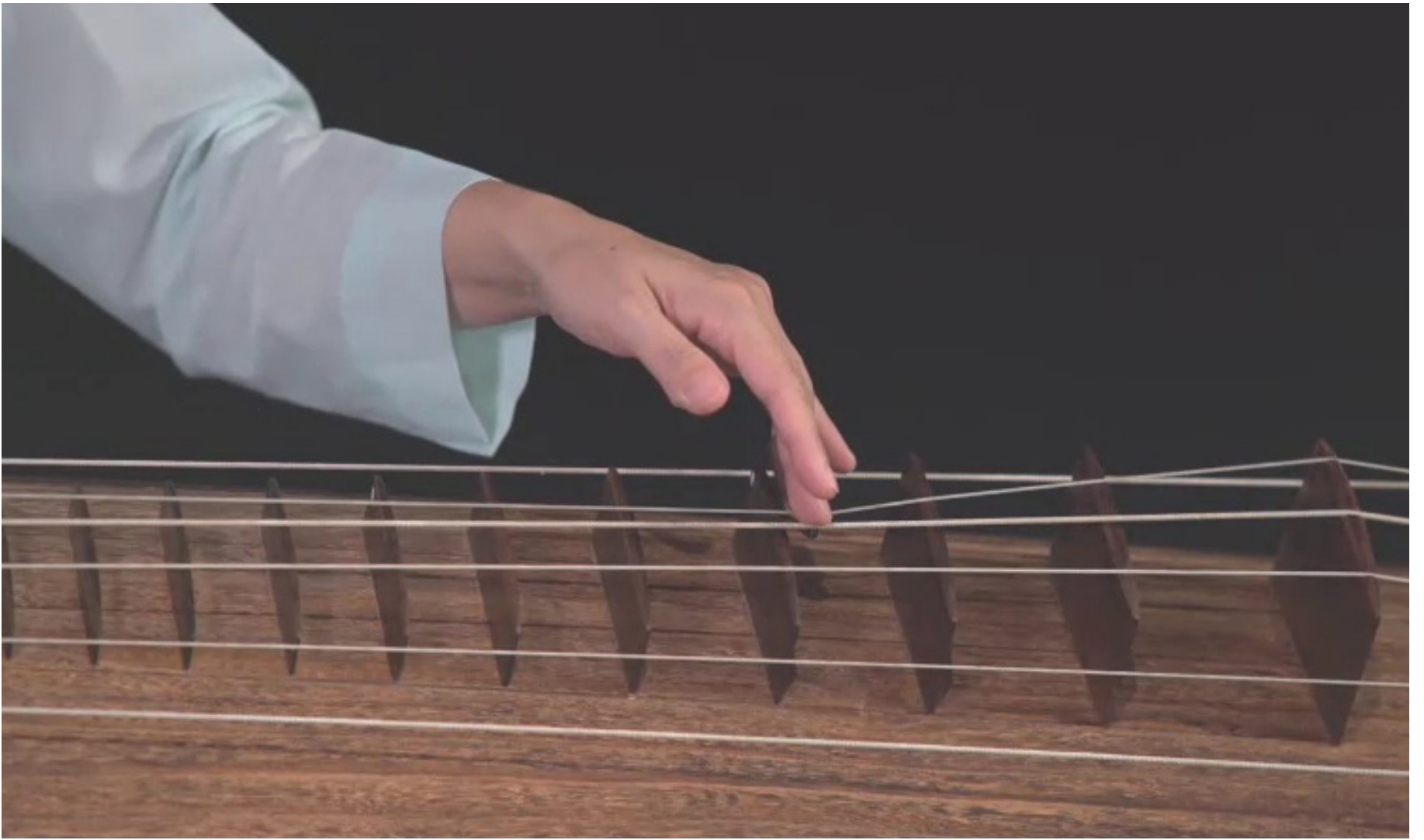
Toeseong

Chuseong

Nonghyeon



Left-hand technique ②



One momentarily pushes forward and releases the string with the left hand after plucking with the suldae, which makes a main tone, then quickly moving to a higher tone and then returning to the main tone.

Jachulseong

Jeonseong

Toeseong

Chuseong

Nonghyeon



Left-hand technique ②



One gently releases the string inward with the left hand after plucking with the suldae, making a slide to the tip of the vibrating main tone.

Jachulseong

Jeonseong

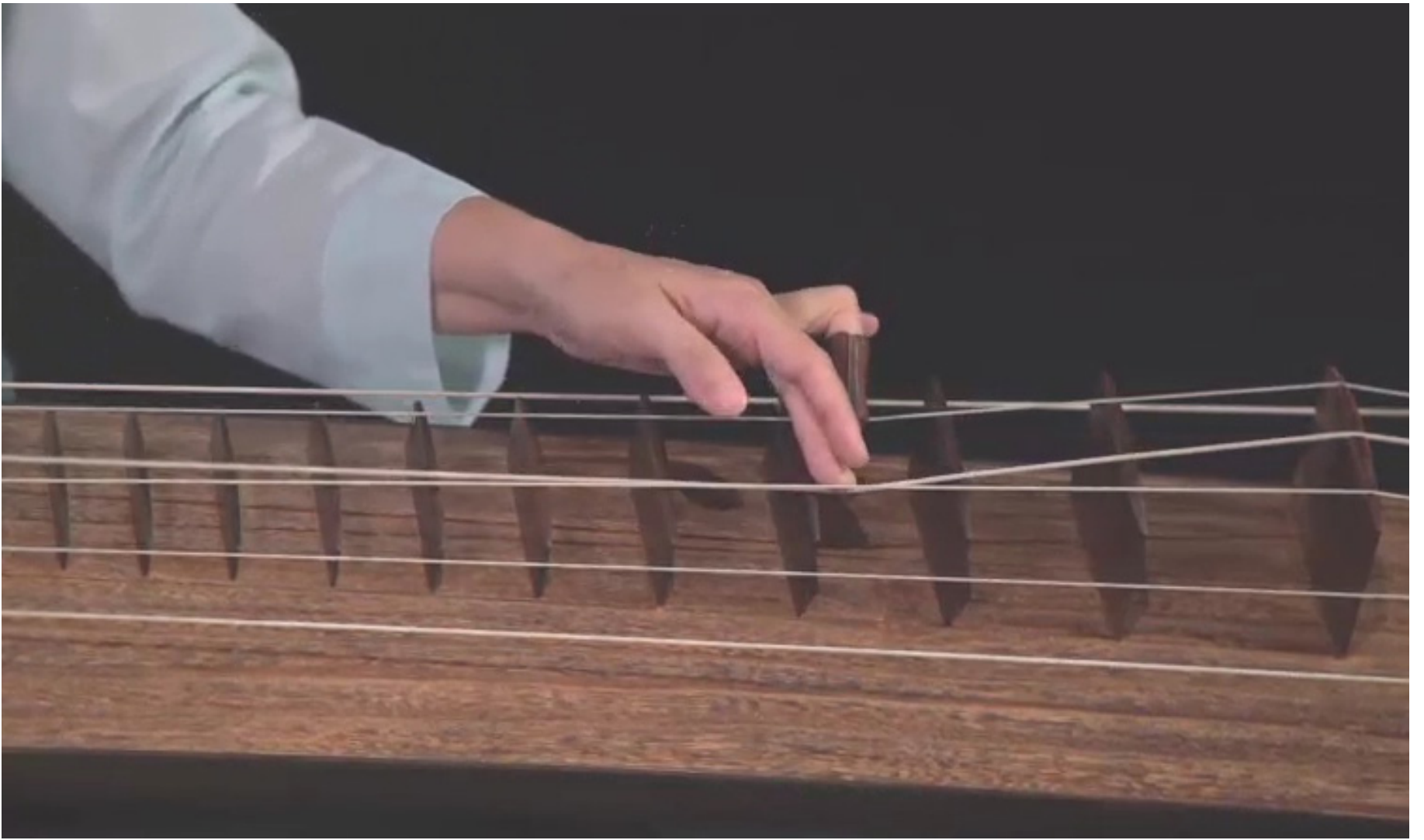
Toeseong

Chuseong

Nonghyeon



Left-hand technique ②



One gently pulls the string outward with the left hand after plucking with the suldae, making a rise to the tip of a vibrating main tone.

Jachulseong

Jeonseong

Toeseong

Chuseong

Nonghyeon



Left-hand technique ②



One makes additional vibrato to a vibrating tone by repeatedly pushing and releasing the strings after plucking with the suldae.

Jachulseong

Jeonseong

Toeseong

Chuseong

Nonghyeon



Left-hand technique ③



Toeseong, chuseong, and
nonghyeon in class music

Toeseong, chuseong, and
nonghyeon in folk music

Primary tones | Notes other than primary tones
(golgyeogeum)

general exercise - 2nd fret
- 5th fret
- 8th fret



Left-hand technique ③



Toeseong, chuseong, and
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Left-hand technique ③



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Left-hand technique ③



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Left-hand technique ③



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Left-hand technique ③



Toeseong, chuseong, and
nonghyeon in class music

Toeseong, chuseong, and
nonghyeon in folk music

Primary tones | Notes other than primary tones
(golgyeogeum)

- general exercise - 2nd fret
- 5th fret
- 8th fret



Left-hand technique ③



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nonghyeon in class music

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nonghyeon in folk music

Primary tones | Notes other than primary tones
(golgyeogeum)

- general exercise - 2nd fret
- 5th fret
- 8th fret



Contemporary techniques of Geomungo



Plucking strings with the hands

Rubbing strings with the suldae

Beating with the suldae

Beating with the hands

Contemporary techniques of Geomungo



Plucking strings with the hands

Rubbing strings with the suldae

Beating with the suldae

Beating with the hands

Contemporary techniques of Geomungo



Plucking strings with the hands

Rubbing strings with the suldae

Beating with the suldae

Beating with the hands

Contemporary techniques of Geomungo



Plucking strings with the hands

Rubbing strings with the suldae

Beating with the suldae

Beating with the hands



Listen to Geomungo music

Video clips of traditional repertoires

Video clips of new compositions

Video clips of traditional repertoires



Sanghyeondodeuri
from Pyeongjohoesang

Jungmori
from Han Gapdeuk-ryu Geomungo Sanjo

Jajinmori
from Han Gapdeuk-ryu Geomungo Sanjo

Video clips of traditional repertoires



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Jajinmori
from Han Gapdeuk-ryu Geomungo Sanjo

Video clips of new compositions

<Chulgang>

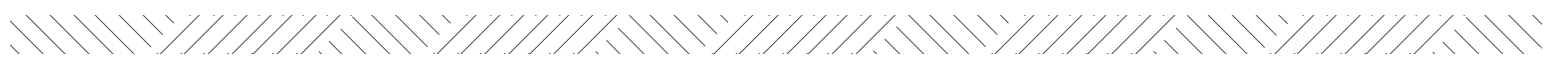
arranged by Yi Jaeha

<Scattered Melody>

<Geomungo & Tango>

Geomungo Concerto based on the theme of
Kim Yongsil's "Farmer's Song"

<Cheongmyeong>



Chulgang is a Geomungo solo piece composed by North Korean composer Kim Yong-sil. The word 'Chulgang' means 'iron coming out', which the music depicts people working at the Heungnam smelter. It is well known that the composer actually lived at Heungnam smelter for a while to get a realistic fig-

Video clips of new compositions

<Chulgang>

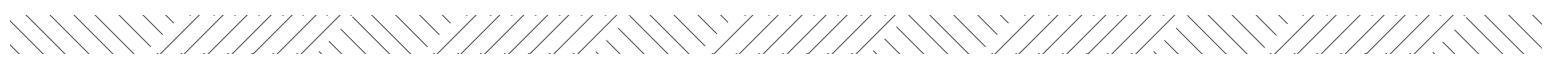
arranged by Yi Jaeha

<Scattered Melody>

<Geomungo & Tango>

Geomungo Concerto based on the theme of
Kim Yongsil's "Farmer's Song"

<Cheongmyeong>



ure of the workers smelting iron. This composition expresses the movements of the workers by using powerful strikes and the heavy bass sound of Geomungo.

Video clips of new compositions

<Chulgang>

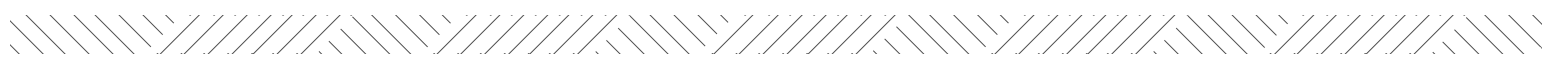
arranged by Yi Jaeha

<Scattered Melody>

<Geomungo & Tango>

Geomungo Concerto based on the theme of
Kim Yongsil's "Farmer's Song"

<Cheongmyeong>



Sanjo, literally meaning “scattered melody,” a solo instrumental suite, is composed of four to seven movements characterized by different rhythmic patterns. This composition, performed at Concert today in November, 2017, is composed of jungjungmori, slow jajinmori, and jajinmori. The perform-

Video clips of new compositions

<Chulgang>

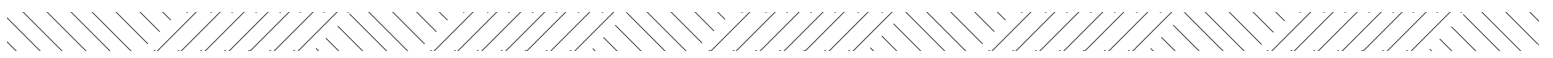
arranged by Yi Jaeha

<Scattered Melody>

<Geomungo & Tango>

Geomungo Concerto based on the theme of
Kim Yongsil's "Farmer's Song"

<Cheongmyeong>



er's skills and unique interpretation based on traditional rhythms are outstanding.

Video clips of new compositions

<Chulgang>

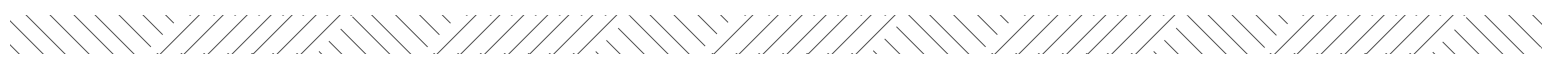
arranged by Yi Jaeha

<Scattered Melody>

<Geomungo & Tango>

Geomungo Concerto based on the theme of
Kim Yongsil's "Farmer's Song"

<Cheongmyeong>



“Geomungo & Tango” is a gold award winner of the 2011 Gugak FM UCC Video Contest. This is the composition that the ensemble Geomungo Factory performed to reinterpret the intense and beautiful melodies of tango with geomungo. It expresses the beautiful transformation from complicated feel-

Video clips of new compositions

<Chulgang>

arranged by Yi Jaeha

<Scattered Melody>

<Geomungo & Tango>

Geomungo Concerto based on the theme of
Kim Yongsil's "Farmer's Song"

<Cheongmyeong>



ings between a man and a woman with the tango dance while the geomungo plays the intense melody of tango music. It also demonstrates new timbres produced by using various geomungo playing techniques.

Video clips of new compositions

<Chulgang>

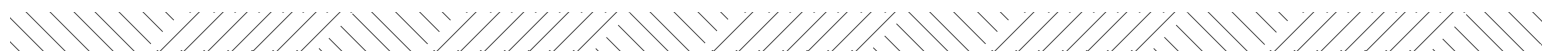
arranged by Yi Jaeha

<Scattered Melody>

<Geomungo & Tango>

Geomungo Concerto based on the theme of
Kim Yongsil's "Farmer's Song"

<Cheongmyeong>



Geomungo Concerto "Cheongmyeong" is a new composition that the junior composer Seon Junggyu arranged based on the theme of Nongbuga ("Farmer's Song"), compiled by the North Korean composer Kim Yongsil. Seon won the prize in the Chamber Music Division of the 36th Korean Composition Award.

Video clips of new compositions

<Chulgang>

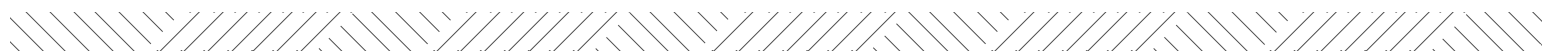
arranged by Yi Jaeha

<Scattered Melody>

<Geomungo & Tango>

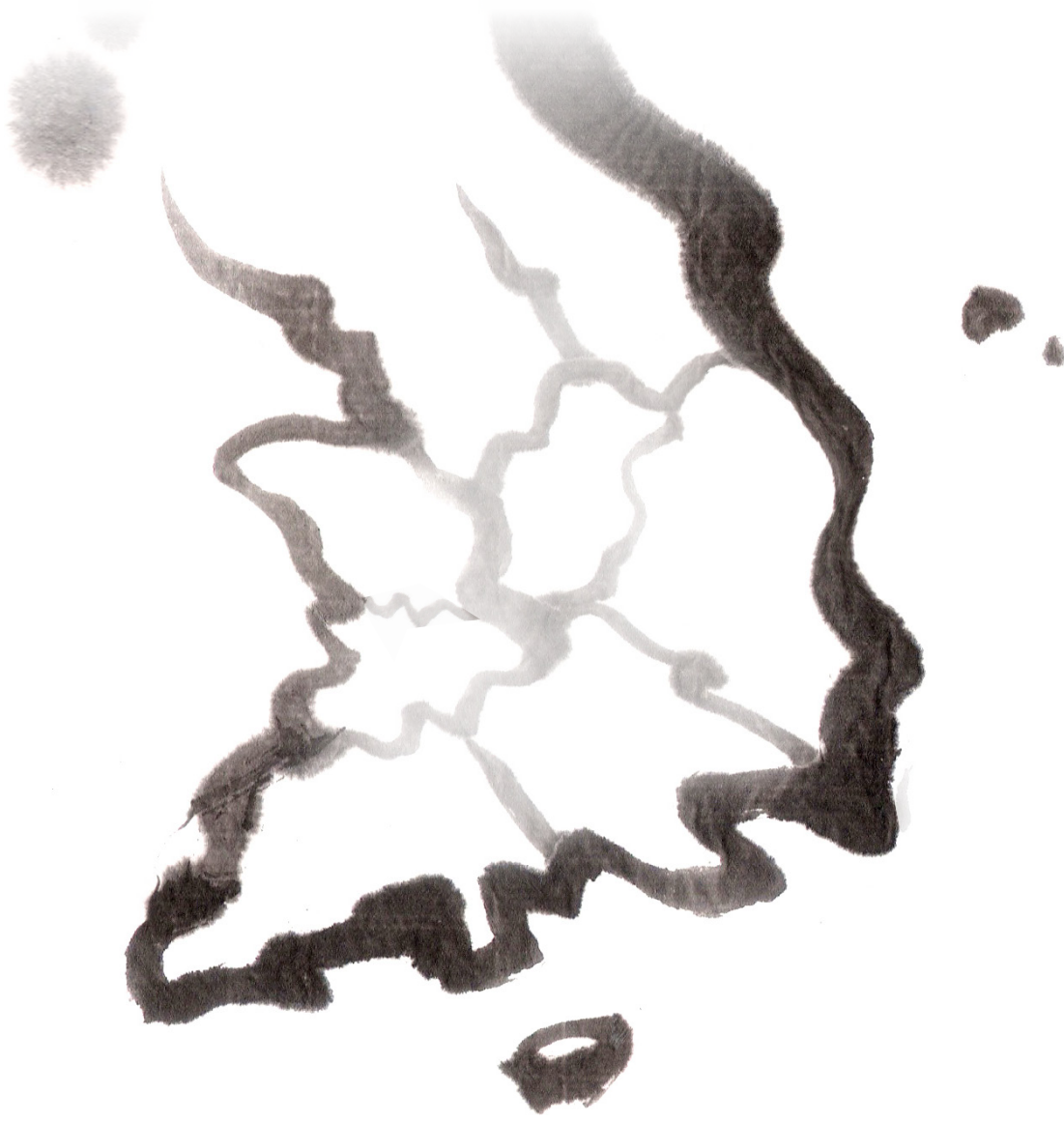
Geomungo Concerto based on the theme of
Kim Yongsil's "Farmer's Song"

<Cheongmyeong>



This piece contains the composer's hope that Nongbuga will be heard everywhere in clear weather as Cheongmyeong.

Field Experience



Exhibitions & Performances

- + National Gugak Center
- + Gugak permanent stage at the Incheon International Airport

Digital Materials

- + E-Gugak Academy in National Gugak Center
- + Traditional Korea Sori Arts Center of Jeollabuk-do

Experiencing Instruments

- + Korean Traditional Performing Arts Culture School
- + Traditional Arts Academy at the National Theater of Korea
- + Nangye Gugak Experience Hall

Field Experience

2364
Nambu sunhwanno,
Seocho-gu,
Seoul, Korea

www.gugak.go.kr



**On-going Saturday Stage
at the National Gugak Center**



Field Experience

2364
Nambu sunhwanno,
Seocho-gu,
Seoul, Korea

www.gugak.go.kr



This stage is open for performances on Saturdays and all year from January to December. This is a permanent stage of the National Gugak Center where you can appreciate representative Korean traditional dance, songs, and musical instrument performances in one place. In addition, you can see artistic talents listed on the Intangible Cultural Heritage of Humanity. The stage performances are usually 80 minutes long, with entrance given to those who are school-age children or older. For more detailed information, including possible discounts or packages, please call 02-580-3300 for detailed information.

Field Experience

2851, Unseo-dong,
Jung-gu,
Incheon, Korea

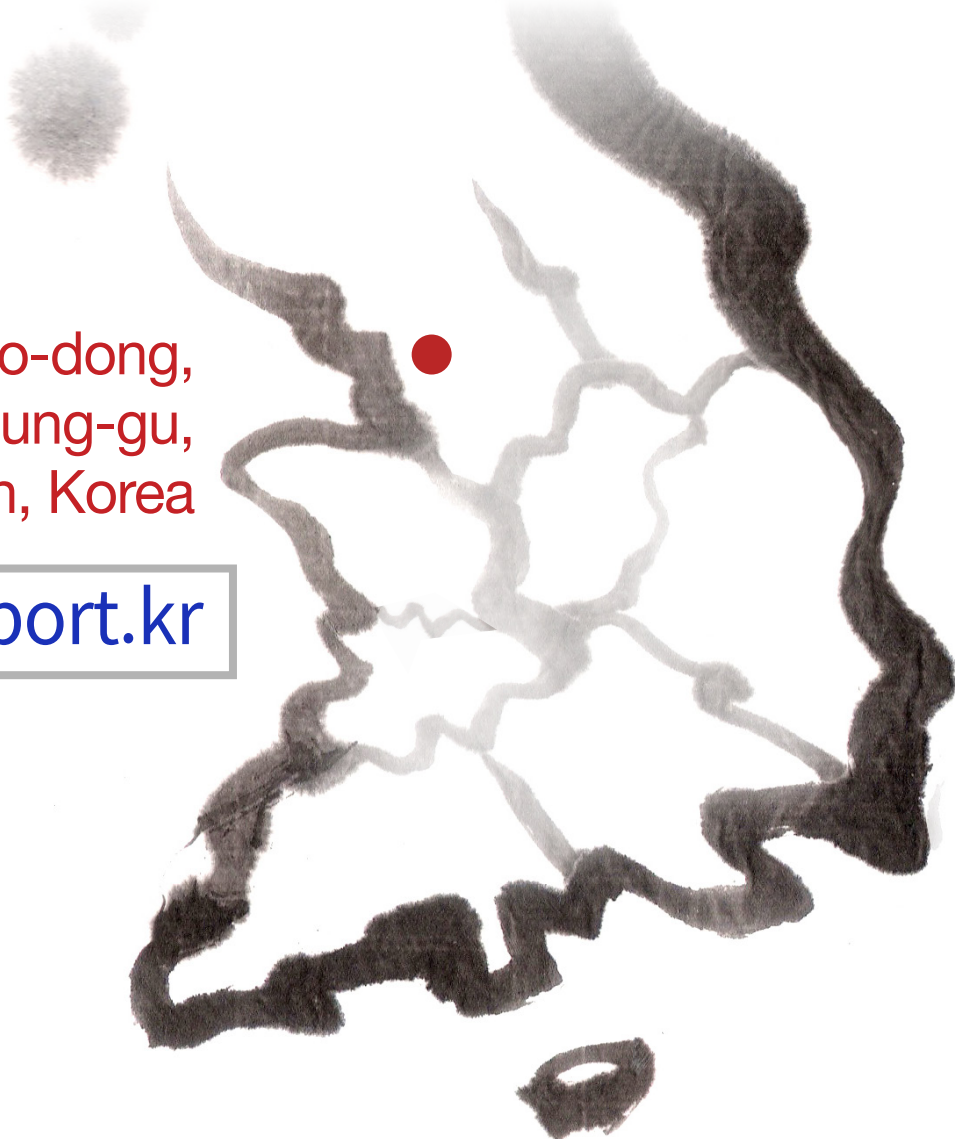
www.airport.kr



**Gugak permanent stage
at the Incheon International Airport**



Field Experience



2851, Unseo-dong,
Jung-gu,
Incheon, Korea

www.airport.kr



The Incheon International Airport offers Gugak performances all year long. If you visit the Korean Traditional Culture Center (located in the passenger terminal, duty free Area 3F, the east or west side—2 spots, and concourse 3F, the middle-west side—1 spot), you can enjoy Gugak performances of Korean traditional music and folk music. In addition, on the Korean Culture Street (located in passenger terminal 4F), you can also appreciate creative music. For more detailed information, including performance schedules, call 032-743-0357 (the Korean Traditional Culture Center), or 032-741-3423 (the Korean Culture Street).

Field Experience

2364
Nambu sunhwanno,
Seocho-gu,
Seoul, Korea

<http://academy.gugak.go.kr>



처음이세요?

- 유아·청소년
- 가족
- 일반인
- 전문인
- Foreigner
- 교사

MOBILE APP
국악놀이터 APP 개편 이벤트

이벤트기간 2018. 10. 01 ~ 10. 31

응모방법 국악놀이터 앱을 설치한 후 앱이 설치된 화면을 캡처하여 이벤트 게시판에 올리면 끝

선정방법 이벤트 참가자 중 자동추첨을 통한 선정

이벤트상품
여행용 파우치 6종세트 50개

- 국악 애니메이션
- 월간교육일정
- Gugak for Foreigners
- 국악 음반듣기
- 학교 교육용 강좌
- 국악홍보영상

공지사항 | 국악교육소식

국악놀이터 앱 개편 이벤트에 참...
2018년 10월 우리음악 쉽게 가...
우리음악 쉽게배우기2 연수 신청...

E-Gugak Academy in National Gugak Center

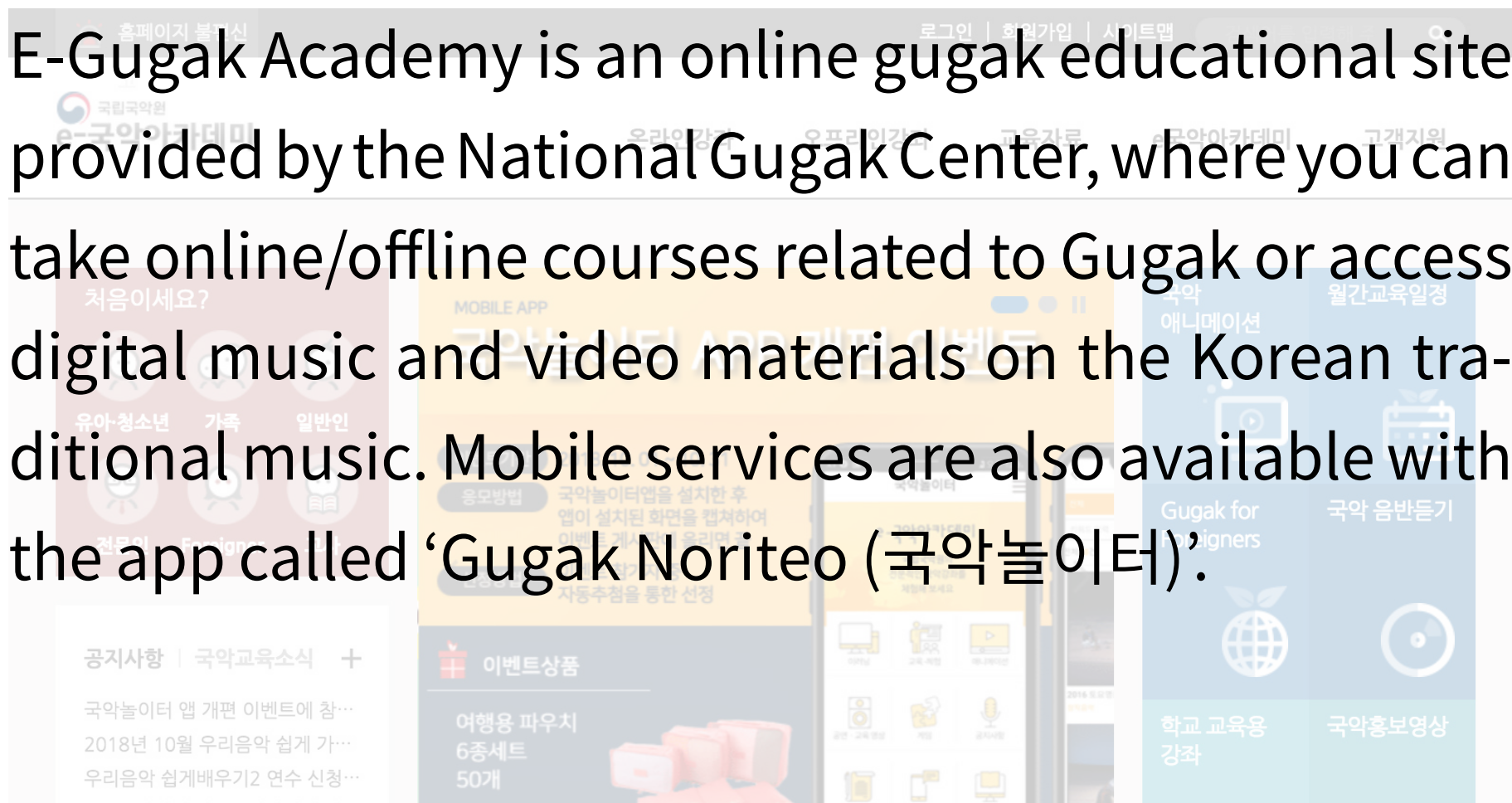


Field Experience

2364
Nambu sunhwanno,
Seocho-gu,
Seoul, Korea

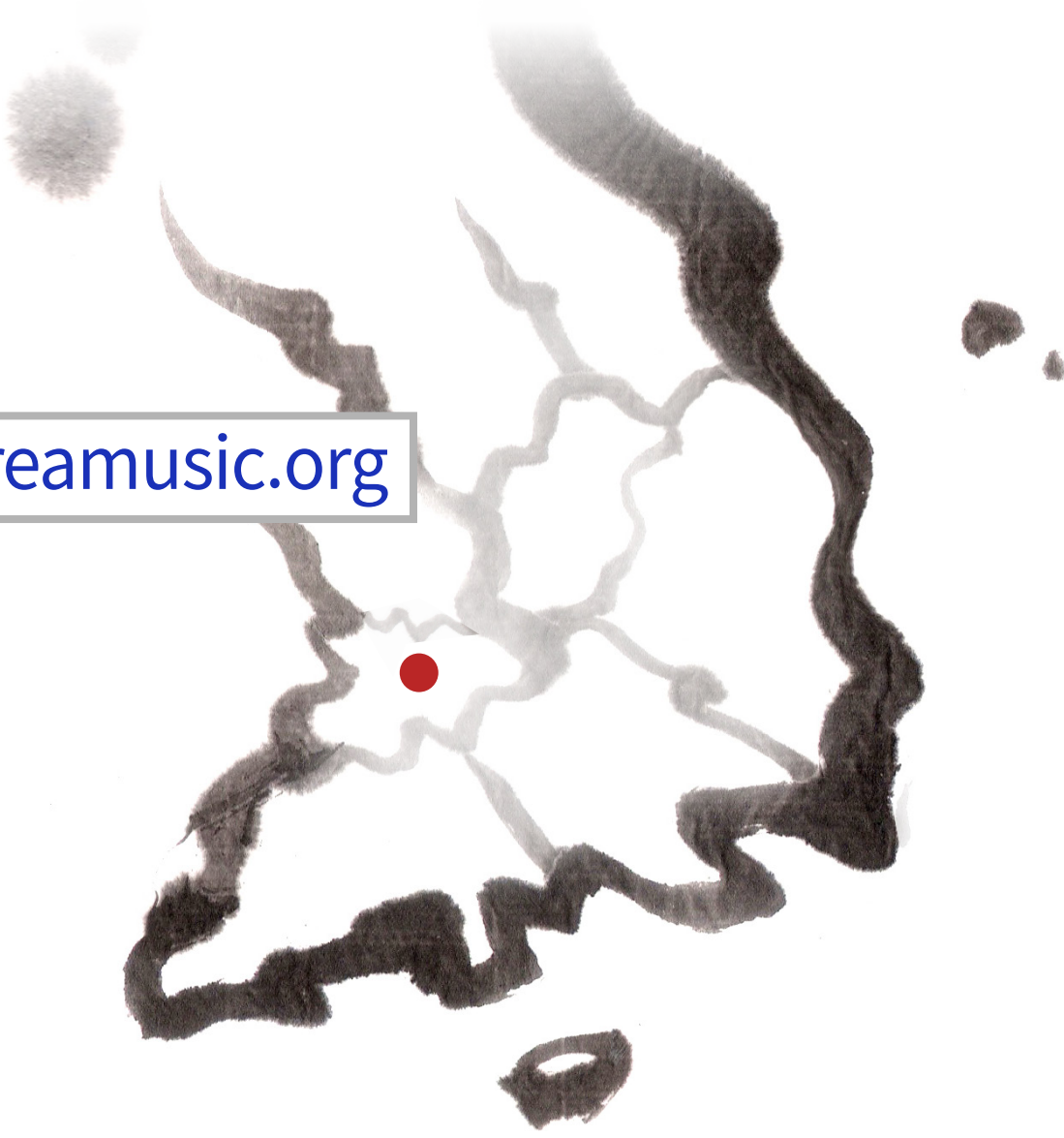
<http://academy.gugak.go.kr>

E-Gugak Academy is an online gugak educational site provided by the National Gugak Center, where you can take online/offline courses related to Gugak or access digital music and video materials on the Korean traditional music. Mobile services are also available with the app called ‘Gugak Noriteo (국악놀이터)’.



Field Experience

www.koreamusic.org



출, 이용안내, 사이트맵, RSS서비스, TEXT 모드, 아이들마당 KOR ENG JPN CHN 화면크기조정 확대 축소

검색어를 입력하세요. [검색](#) [상세검색](#) [국가지식검색](#) [인기검색어](#) [관소리](#) [훈항가](#) [사물놀이](#) [민요](#)

[여는마당](#) [지식마당](#) [소리마당](#) [음원마당](#) [공연마당](#) [어울림마당](#) [멀티클립마당](#)

[여는글](#) [사이트소개](#) [전통소리문화](#) [지식정보자원관리사업](#) [관련기관 및 사이트](#) [검색창닫기](#)

역사와 승경이 살아 숨쉬는
한국전통소리문화

참다운 소리와 문화, 그리고 열정을 경험하십시오.

Our Site is Korean Traditional & Folk Music, Instruments Information Site - Jeollabuk-do
While visiting the Traditional Korean Music Portal.

금일의 명인/명창 이강선

체험터

1. 소리골

지식마당 소리마당 음원마당 공연마당 멀티클립마당

수제천
수제천(壽齊天)은 아악곡의 백미(白眉)로 일컬어지는 관악합주곡이다. 약 15분 정도의 곡으로 피리, 대금, 해금, 아쟁과 같은 선율악기가 주축이 된다.

스제쳐음

음원듣기

훈음원 복음원 축음원

요우이 자꾸우워 주비우워

Traditional Korea Sori Arts Center of Jeollabuk-do

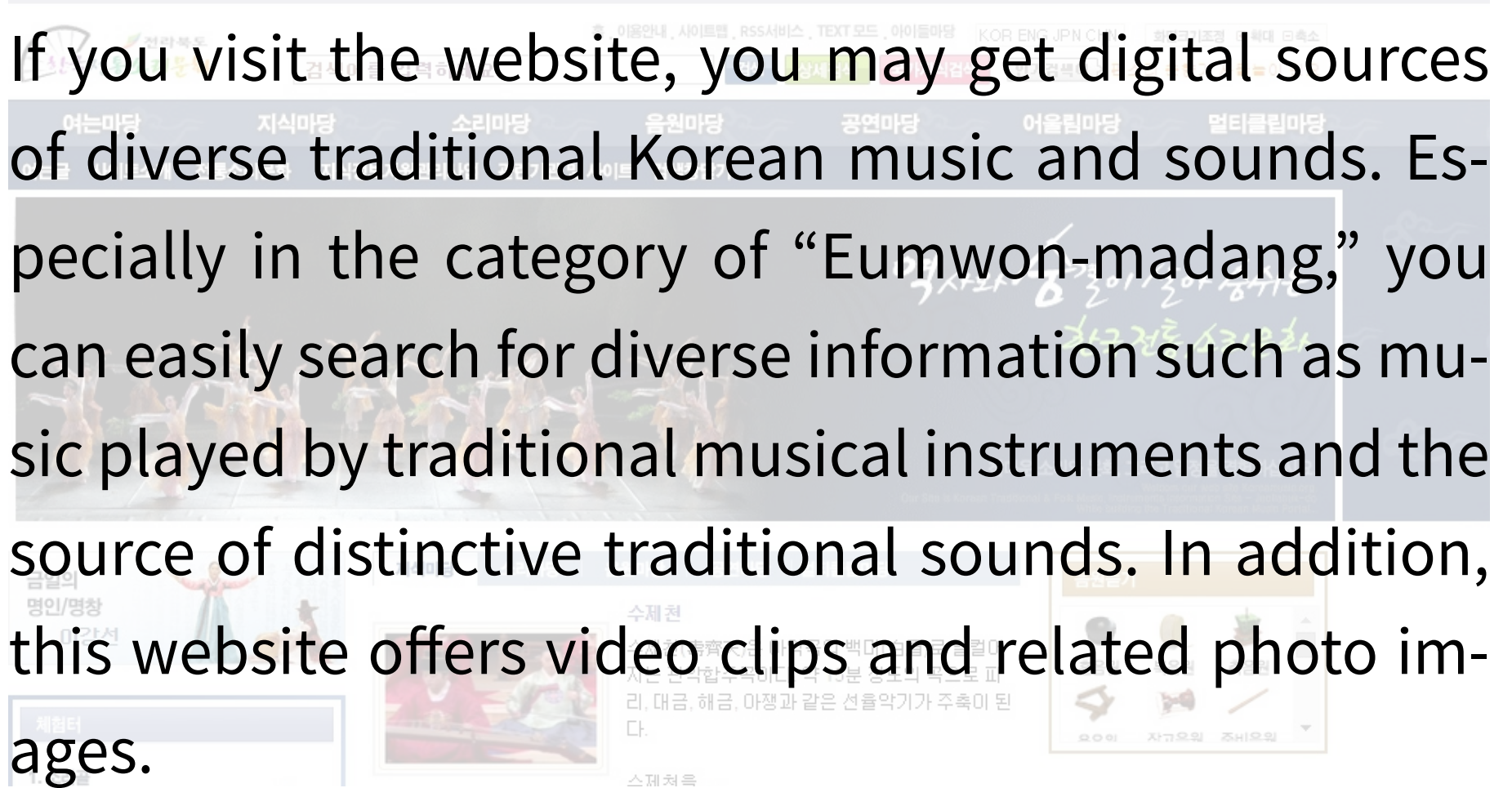


Field Experience

www.koreamusic.org



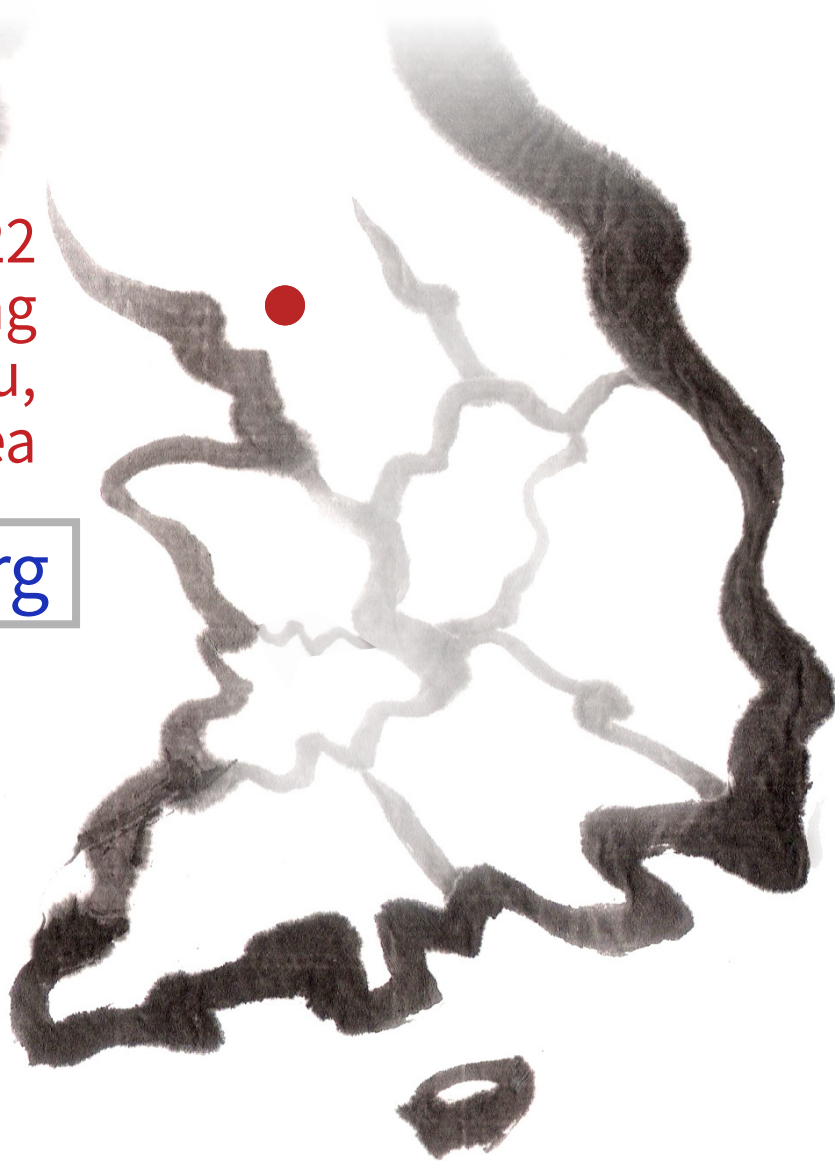
If you visit the website, you may get digital sources of diverse traditional Korean music and sounds. Especially in the category of “Eumwon-madang,” you can easily search for diverse information such as music played by traditional musical instruments and the source of distinctive traditional sounds. In addition, this website offers video clips and related photo images.



Field Experience

944-22
Daechi 2-dong
Gangnam-gu,
Seoul, Korea

www.kotpa.org



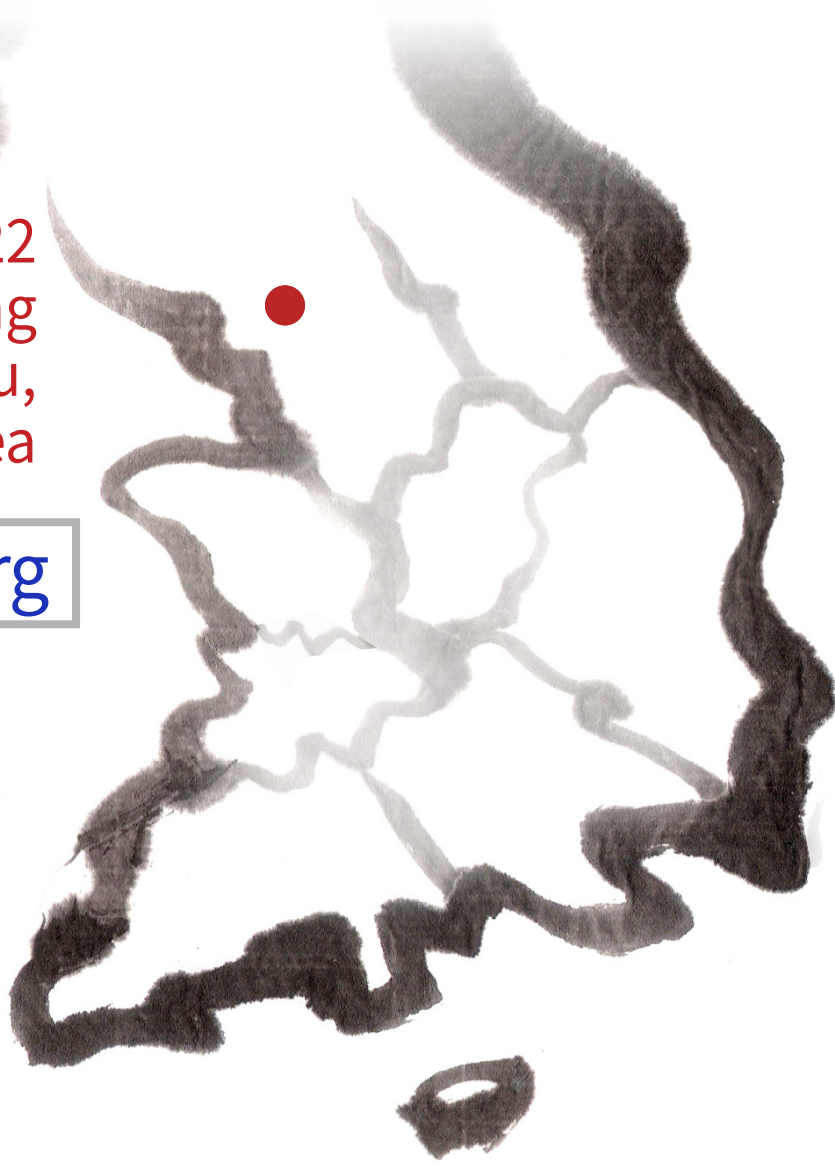
**Korean Traditional
Performing Arts Culture School**



Field Experience

944-22
Daechi 2-dong
Gangnam-gu,
Seoul, Korea

www.kotpa.org

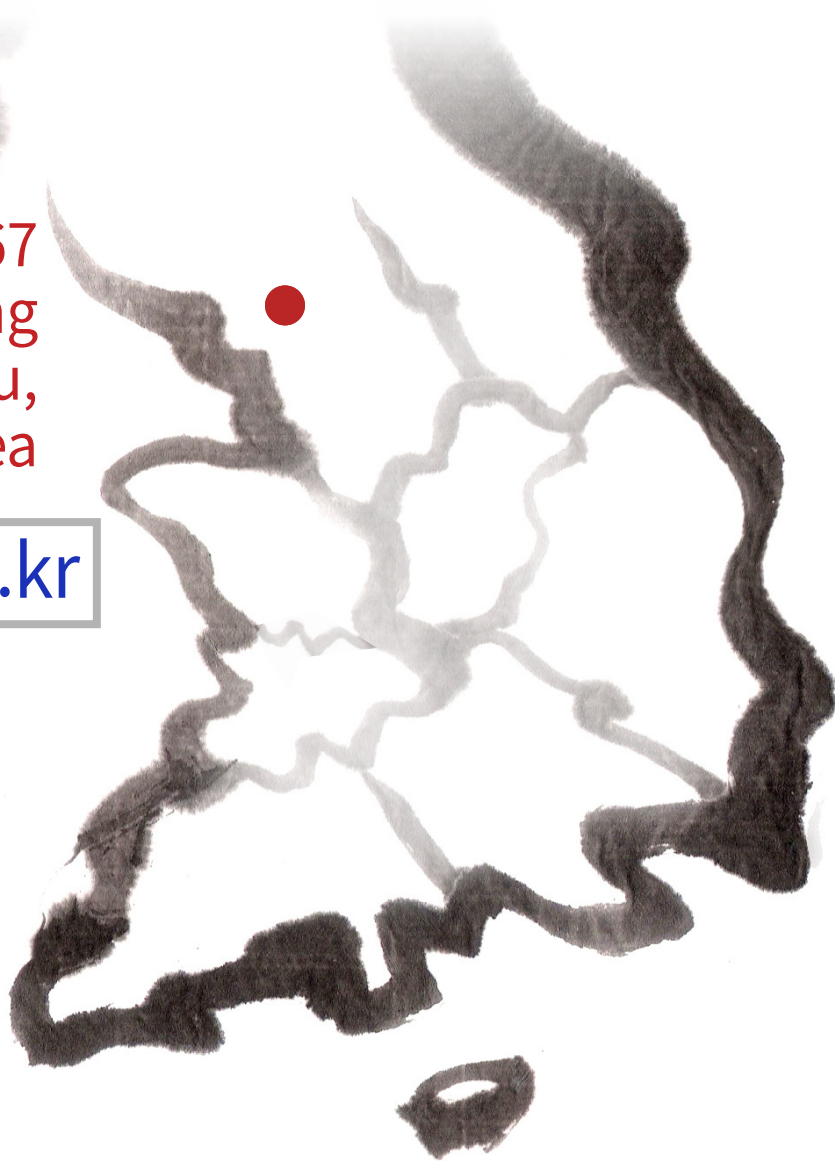


The Korean Traditional Performing Arts Foundation runs a culture school and offers courses for the general public in order to help spread knowledge of traditional Korean arts as well as raise public awareness of the importance of traditional culture. Within this school, students can learn a variety of Korean traditional music instruments through a systematic program that progresses from introductory courses for beginners, to intermediate-level courses, to master-level courses for advanced learners. If you are interested in such courses, please visit the website or call 02-580-3141.

Field Experience

14-67
Jangchung-dong
2-ga, Jung-gu,
Seoul, Korea

www.ntok.go.kr



**Traditional Arts Academy
at the National Theater of Korea**



Field Experience



14-67
Jangchung-dong
2-ga, Jung-gu,
Seoul, Korea

www.ntok.go.kr



Located in Jung-gu, Seoul, the National Theater of Korea runs diverse gugak courses for general audience members who have a passion and interest in traditional arts and music. Opportunities exist for learning gugak via professional lectures. Students may participate in level-appropriate programs from beginner to advanced courses. As the program is updated every year, prospective students need to check for new information on the program schedule, application method, and tuition fee at the website.

Field Experience

521-1 Godang-ri,
Simcheon-myeon,
Yeongdong-gun,
Chungcheongbuk-do,
Korea


www.nangyekukak.or.kr



Nangye Gugak Experience Hall



Field Experience



521-1 Godang-ri,
Simcheon-myeon,
Yeongdong-gun,
Chungcheongbuk-do,
Korea

www.nangyekukak.or.kr



Located in Yeongdong-gun, Chungbuk province, this hall has reproduced workrooms for string and percussion instruments where you can also experience playing diverse instruments. Furthermore, if you visit the “Nangye Gugak Instrument Manufacturing Village” or “Nangye Gugak Museum,” located near the hall, you can also see various traditional Korean music instruments, as well as observe the entire manufacturing process. For more information, please visit the website.

가장

Production team



Production team

Executive Supervisor Song, Hyejin

Executive Producer Han, Manju

Producer Yi, Yoongyeong

Direction & Performance Jo, Gyeongseon

Project Manager Son, Suin

Production SOLUWIN

Writer Yi, Yeonu

Instrument Crafter Go, Heunggon

Cover music & individual pitches by Kim, Seonhyo

Photograph Studio namu No.5

Video Production Mediahalf

Producer - O, Changgeun,

Videographer - Yi, Sanghyeon

Recording - Kim, Hyeongjun

Editing - Yi, Yohan

English Translation Choi, Yoonjah

English Editing Ha, Ju-Yong and Anthony T. Rauche

SNS Marketing Yi, Seonmi

