

EDGARD VARÈSE

IONISATION

for

Percussion Ensemble

of

13 Players

1 Tambour Militaire

2 Caisse rotuleuse (Side-drum)

3 Sirene claire (Siren, high) D

Tambour à corde (String-drum or Ban's Drum)

4 Sirene grise (Siren, low) D

Fouet (Slapstick)

Cloche

5 3 Blocs chinois, cloche moyen et grise (3 Wood Blocks, high, middle and low

registers)

Claves

Triangle

6 Caisse claire, détonnée (Snare-drum, with sticks relaxed)

7 Maracas, claire et grise (2 Maracas, high and low)

Duration: 6½ minutes

8 Timbale G/F

Grave claire (Snare-drum) C

Cymbale suspendue (Suspended Cymbal)

9 Cymbales (Cymbals)

Gongs (Steel Bells)

Cloches (Tubular Chimes)



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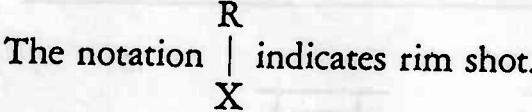
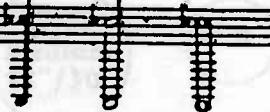
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General Agent: e.c. kerby ltd. 198 DAVENPORT ROAD TORONTO 5, ONTARIO, CANADA (416) 922 9934

Instruments

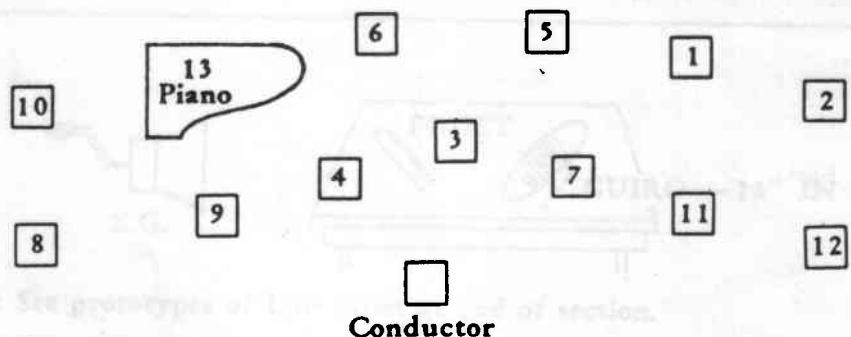
1. A) Grande Cymbale Chinoise (Crash Cymbal)
Grosse Caisse, très grave (Bass Drum, very deep)
Cencerro (muffled) *F* *Voluminöser*
Tam-tam clair (high Tam-tam)
2. B) Gong
Tam-tam clair (high Tam-tam)
Tam-tam grave (low Tam-tam)
Cencerro (muffled) *F*
3. 2 Bongos (high and low)
Caisse roulante (Side-drum) *C*
2 Grosse Caisses à plat, moyenne et grave (2 Bass Drums laid flat, medium and large size)
4. Tambour Militaire *C*
Caisse roulante (Side-drum) *C*
5. Sirène claire (Siren, high) *D*
Tambour à corde (String-drum or Lion's Roar)
6. Sirène grave (Siren, low) *D*
Fouet (Slapstick)
Güiro
7. 3 Blocs chinois, clair, moyen et grave (3 Wood Blocks, high, middle and low register)
Claves
Triangle
8. Caisse claire, détimbrée (Snare-drum, with snares relaxed) *C*
2 Maracas, claire et grave (2 Maracas, high and low)
9. Tarole *C* *E*
Caisse claire (Snare-drum) *C*
Cymbale suspendue (Suspended Cymbal)
10. Cymbales (Cymbals)
Grelots (Sleigh Bells)
Cloches (Tubular Chimes)

- Chorus for designation of Percussion Ensemble suggested by Morris Goldenberg
Instructor of Percussion, Juilliard School of Music
11. **Güiro**
Castagnettes (Castanets)
Glockenspiel à clavier, with resonators
 12. Tambour de Basque (Tambourine)
2 Enclumes, la première plus aiguë (2 Anvils, the first higher)
Grand Tam-tam (very deep)
 13. Fouet (Slapstick)
Triangle
Grelots (Sleigh Bells)
Piano G)

- A) A mallet in each hand.
- B) A mallet in each hand; use very elastic strokes; even in the **ff**, the combined weight of arm and mallet are sufficient; do not kill the tone.
- C) Skin, felt, sponge or wooden sticks are to be used strictly as indicated.

The notation | indicates rim shot.
- D) Sirens: Sterling Type H (Part No. 73 PU. PB.) hand operated with thumb brake. If unobtainable, substitute with theremin instruments. Mouth sirens are to be strictly avoided.
- E) Tarole: A flat military high pitched drum with snares.
- F) Cencerro: A cow bell with handle and no clapper: it is struck with drum stick and muffled by inserting a piece of soft material in the bell.
- G) The symbol  indicates all chromatic intervals between the two notes and must be played simultaneously making use of the forearm. The chord is to be played without stiffness and without brutality.

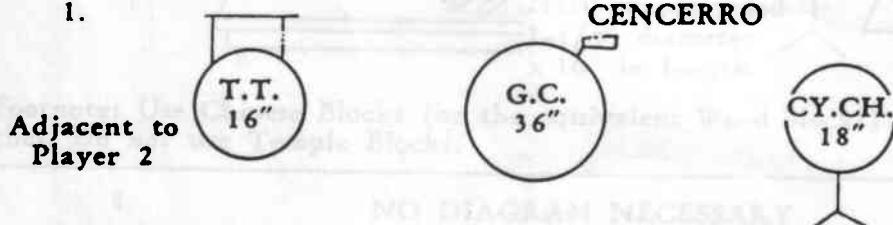
• IONISATION •

**Chart for disposition of Percussion Ensemble suggested by Morris Goldenberg,
Instructor of Percussion, Juilliard School of Music.**



Charts for Individual Multiple Percussionists

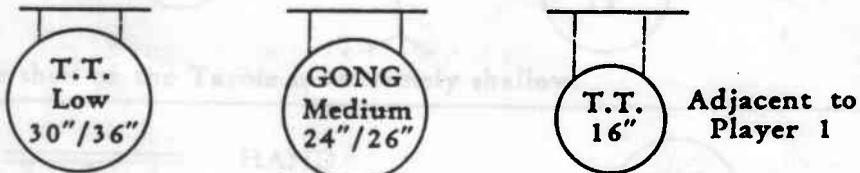
1.



CENCERRO

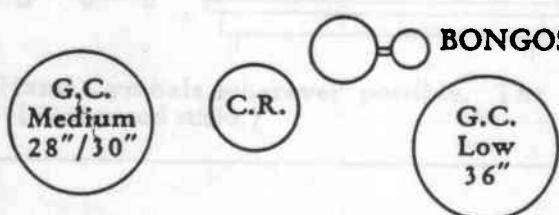
Footnote: Use soft Timpani mallet at outset. After (7) use Bell mallet in R.H. for Cowbell and Timpani mallet in L.H.

2.



Footnote: See prototypes for Gong and Tam-Tam at end of section.

3.



BONGOS

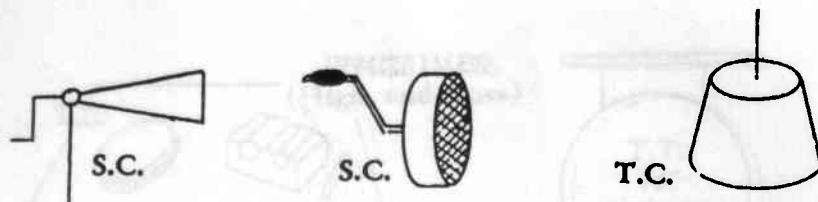
Footnote: Both Bass Drums are to be laid flat.

4.



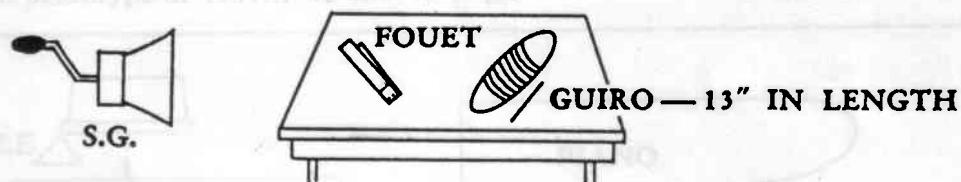
Footnote: The Caisse Roulante or Tenor Drum has no snares and is almost like a small Bass Drum. The Tambour Militaire, known also as either the Field or Parade Drum, has adjustable side snares.

5.



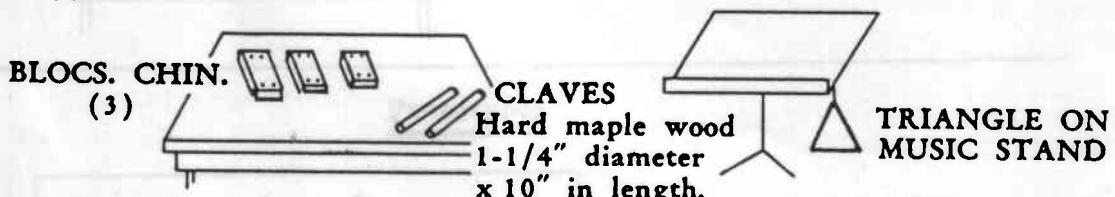
Footnote: See prototypes of High Siren and String Drum at end of Section.

6.



Footnote: See prototypes of Low Siren at end of section.

7.

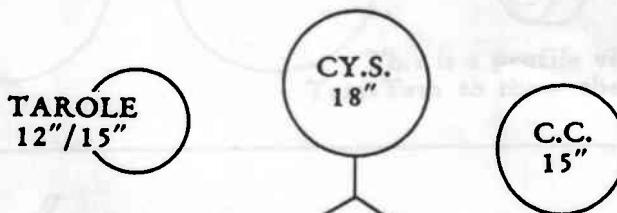


Footnote: Use Chinese Blocks (or the equivalent Wood Blocks) of 3 different pitches. Do *not* use Temple Blocks.

8.

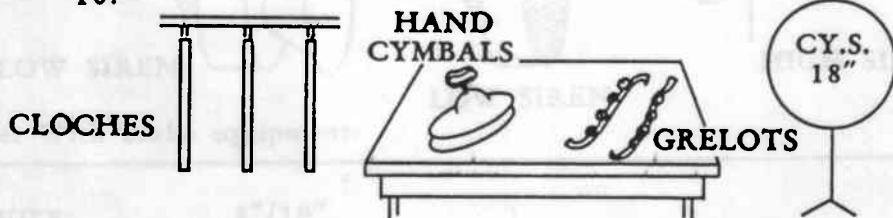
NO DIAGRAM NECESSARY

9.



Footnote: The shell of the Tarole is extremely shallow.

10.



Footnote: Use Hand Cymbals wherever possible. The Suspended cymbal is only an alternative. (With wood sticks.)

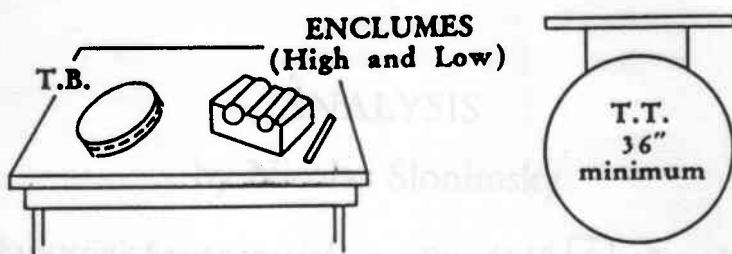
11.



Footnote: Use two pairs of castanets.

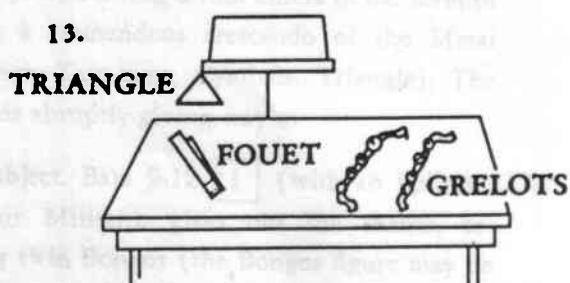
(with Resonators)

12.



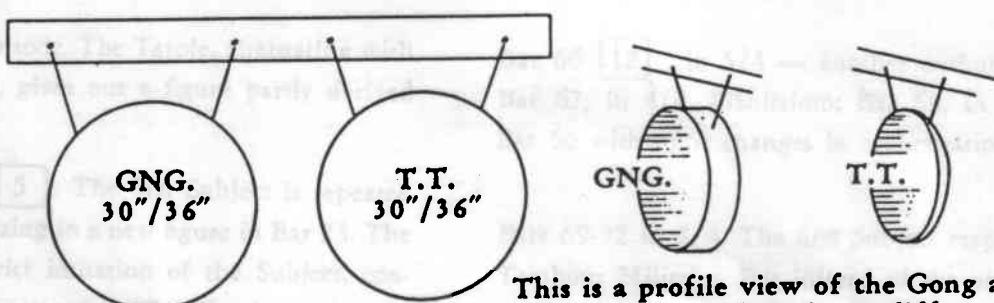
Footnote: See prototype of Anvils at end of page.

13.

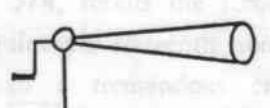


PIANO

Prototypes

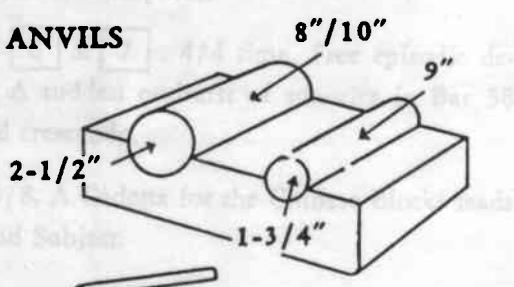


This is a profile view of the Gong and Tam-Tam to show their basic differences.



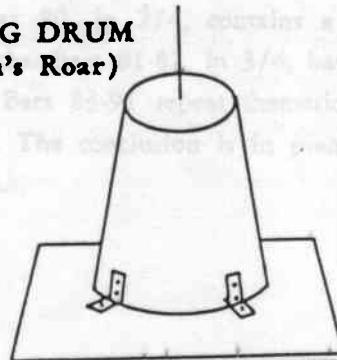
Footnote: With brake equipment.

ANVILS



Footnote: Indentations in holder must be lined with soft felt to obtain maximum of resonance. To obtain resonance hit both tubes simultaneously with beater (small piece of tubing) held by the middle. Damping is obtained in the same fashion but keeping the contact with the two tubes.

STRING DRUM (Lion's Roar)



ANALYSIS

by Nicolas Slonimsky

Bars 1-8. Introduction. A characteristic figure is sounded by two Bass Drums (laid flat). The Sirens, one high, the other low, enter in rotation, starting from *ppp*, swelling to *mp*. The String-Drum enters in the seventh bar, starting a tremendous crescendo of the Metal Group (Gongs, Tam-tams, Cymbals, Triangle). The crescendo ends abruptly giving way to

The First Subject. Bars 9-12 [1] (with an upbeat). The Tambour Militaire gives out the theme, accompanied by twin Bongos (the Bongos figure may be considered a Countersubject).

Bars 13-16 [2] are bars 1-4 with slight modifications. Bar 17 equals bar 9.

Bars 18-20 [3]. Episode. The Tarole, alternating with the Chinese Blocks, gives out a figure partly derived from the Subject.

Bars 21-26 [4] & [5]. The first Subject is repeated for two bars, continuing in a new figure in Bar 23. The Bongos enter in strict imitation of the Subject, continuing in free counterpoint. The Tarole repeats its episodic figure.

Bar 27 (compound, 2/4 plus 3/8), after a Codetta played by the Chinese Blocks, leads to two 4/4 bars (28 and 29) with thematic figures of the Tambour Militaire. A syncopated Codetta in a 3/8 bar for Claves, leads to the return of 4/4 time (Bar 31). There is a Codetta for the Chinese Blocks in the following 5/4 bar, where the quintuple figure of the second Subject is anticipated.

Bars 33-42 [6] & [7]. 4/4 time. Free episodic development. A sudden outburst of sonority in Bar 38 is continued crescendo.

Bar 43 in 5/8. A Codetta for the Chinese Blocks leads to the second Subject.

Bars 44-50 [8]. Second Subject — a characteristic figure in quintuple sixteenth notes, syncopated, interrupted and doubled, is given out by five players simultaneously (Bongos, Tambour Militaire, Chinese Blocks, Maracas, Tarole). The time-signatures are successively, 3/4, 5/4, 3/4, 5/4, 3/4, 5/8, 4/4.

Bars 51-55 [9] 4/4. All-metal in *p*, *mf* and *f* in various instruments (Anvils, Cymbals, Gongs, Tam-tams, Triangle, accompanied by Sirens). Bars 56-65 [10] & [11] introduce thematic bits in the entire orchestra, leading to an all-metal crash on a fermata in Bar 65.

Bar 66 [12], in 5/4 — another outburst of sound; Bar 67, in 4/4, Pianissimo; Bar 68, in 5/4 repeats Bar 66 with some changes in orchestration.

Bars 69-72 in 4/4. The first Subject reappears in the Tambour Militaire. But instead of the original figure of Bar 9, the Bongos use for counterpoint the figure of the Tambour Militaire in Bar 23.

Bar 73, in 5/4, recalls the second Subject, in two figures of quintuple sixteenth notes. Bar 74, in 3/4, leads through a tremendous crescendo, to Coda. Bars 75-91 [13]

Bars 75-79. Time-signature 4/4. Instruments of definite pitch (Piano, Bells and Glockenspiel à Clavier) enter. The first Subject is re-stated by the Tambour Militaire. Bar 80, in 2/4, contains a Codetta for Chinese Blocks. Bars 81-82, in 3/4, have a solo for the Tarole. Bars 83-91 repeat thematic bits of the first Subject. The conclusion is in pianissimo, on a long fermata.

to Nicolas Slonimsky

IONISATION

(for Percussion Ensemble of 13 Players)

Edgard Varèse

J = 69

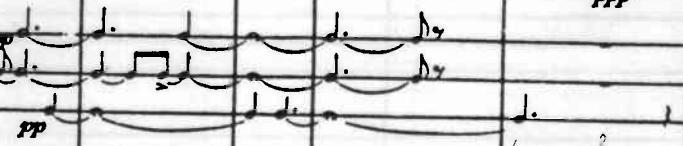
1. Grande Cymbale Chinoise
2. Gong
3. ... Tam-tam clair
... Tam-tam grave
3. 2 Bongos { clair
... grave
Caisse Roulante
2. Grosse Caisse { moyenne
... grave
4. Tambour militaire
... Caisse roulante
5. Sirène claire
... Tambour à corde
6. Sirène grave
... Fouet
... Gûiro
7. 3 Blocs Chinois { clair
... moyen
... grave
Claves
Triangle
8. Caisse claire { dérimbre
... 2 Maracas { Clair
... Grave
9. Tarole
Caisse claire
(Cymbale suspendue)
10. Grelots
Cymbales
11. Gûiro
Castagnettes
12. Tambour de Basque
Enclumes
13. Piano

Grande Cymbale Chinoise
Grosse Caisse (très grave)

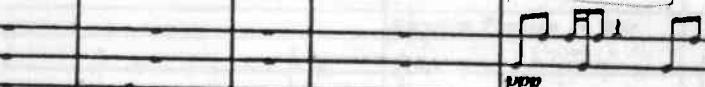
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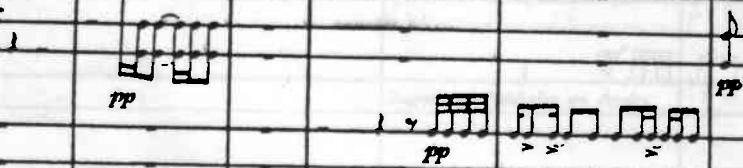
2.....{ Gong
Tam-tam clair
Tam-tam grave



2.....{ Bongos.....{ clair
grave
3.....Caisse Roulante



2.....{ Grosses Caises.....{ moyenne
grave
4.....{ Tambour militaire
Caisse roulante



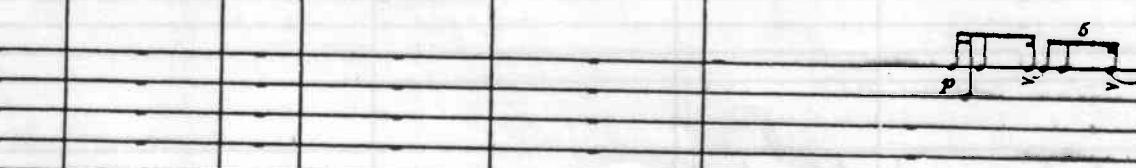
5.....{ Sirène claire
Tambour à corde



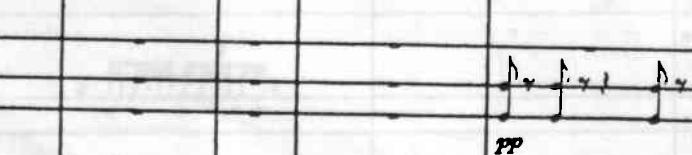
6.....{ Sirène grave
Fouet
Güiro



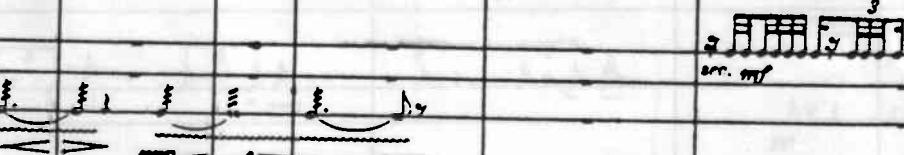
7.....{ 3 Blocs Chinois.....{ clair
moyen
grave
Clavé
Triangle



8.....{ Caisse claire
2 Maracas.....{ Claire
Grave



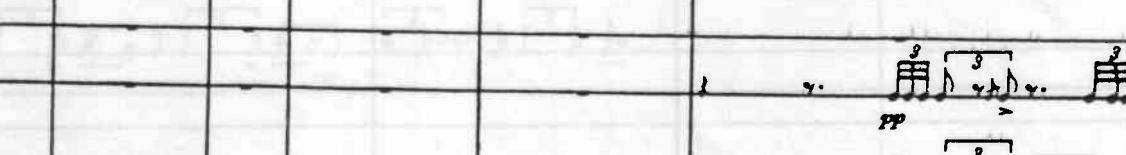
9.....{ Tarole
Caisse claire
Cymbale suspendue



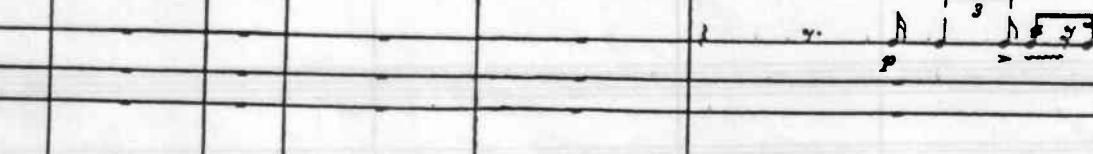
10.....{ Grelots
Cymbales



11.....{ Güiro
Castagnettes



12.....{ Tambour de Basque
Enclumes.....{



13.....Piano



1	Grande Cymbale Chinoise Grosse Caisse (très grave)		4
2	Gong Tam-tam clair Tam-tam grave		
3	2 Bongos..... clair Caisse Roulante..... grave		
		Baguettes Timbales en Bois	
2	2 Grosses Caisse{ moyenne grave		
4	Tambour militaire Caisse roulante		
		Baguettes Timbales en feutre	
5	Sirène claire Tambour à corde		
6	Sirène grave Fouet Güiro		
7	3 Blocs Chinois{ clair moyen grave		
	Claves Triangle		
8	Caisse claire 2 Maracas { Claire Grave		
9	Tarole Caisse claire Cymbale suspendue		
10	Grelots Cymbales		
11	Güiro Castagnettes		
12	Tambour de Basque Enclumes.....		
13	Piano		

1. Grande Cymbale Chinoise
 (Grosse Caisse (très grave)) p sec
 2. Gong
 Tam-tam clair 2+3/4
 Tam-tam grave
 3. 2 Bongos..... { clair 2+3/4
 { grave
 3. Caisse Roulante
 2 Grosses Caisse { moyenne 2+3/4
 { grave
 4. Tambour militaire
 Caisse roulante 2+3/4
 5. Sirène claire
 Tambour à corde 2+3/4
 6. Sirène grave
 Fouet 2+3/4
 Guïro
 7. 3 Blocs Chinois { clair 2+3/4
 { moyen
 { grave
 8. Claves 2+3/4
 Triangle
 9. Caisse claire
 2 Maracas { Claire 2+3/4
 { Grave
 10. Tarole
 Caisse claire 2+3/4
 Cymbale suspendue
 11. Grelots 2+3/4
 Cymbales
 12. Guïro 2+3/4
 Castagnettes
 13. Tambour de Basque 2+3/4
 Enclumes.....
 14. Piano 2+3/4
 Fouet 2+3/4

5

1. Grande Cymbale Chinoise
 Grosse Caisse (très grave) $\frac{2+3}{4+8}$ 1 $\frac{7}{8} \frac{7}{8}$
 2. Gong $\frac{2+3}{4+8}$ 4 $\frac{pp}{pp}$ 3 $\frac{8}{8}$
 2 Bongos..... clair $\frac{2+3}{4+8}$ 4 $\frac{7}{8}$ 3 $\frac{8}{8}$
 3. Caisse Roulante grave $\frac{2+3}{4+8}$ 4 $\frac{pp}{pp}$ 3 $\frac{8}{8}$
 2 Grosses Caisse moyenne $\frac{2+3}{4+8}$ 4 $\frac{pp}{pp}$ 3 $\frac{8}{8}$
 4. Tambour militaire $\frac{2+3}{4+8}$ 4 $\frac{pp}{pp}$ 3 $\frac{8}{8}$
 Caisse roulante $\frac{2+3}{4+8}$ 4 $\frac{pp}{pp}$ 3 $\frac{8}{8}$
 5. Sirène claire $\frac{2+3}{4+8}$ 4 $\frac{pp}{pp}$ 3 $\frac{8}{8}$
 Tambour à corde $\frac{2+3}{4+8}$ 4 $\frac{pp}{pp}$ 3 $\frac{8}{8}$
 6. Sirène grave $\frac{2+3}{4+8}$ 4 $\frac{pp}{pp}$ 3 $\frac{8}{8}$
 Fouet $\frac{2+3}{4+8}$ 4 $\frac{pp}{pp}$ 3 $\frac{8}{8}$
 Güiro $\frac{2+3}{4+8}$ 4 $\frac{pp}{pp}$ 3 $\frac{8}{8}$
 7. 3 Blocs Chinois clair $\frac{2+3}{4+8}$ 4 $\frac{pp}{pp}$ 3 $\frac{8}{8}$
 moyen $\frac{2+3}{4+8}$ 4 $\frac{pp}{pp}$ 3 $\frac{8}{8}$
 grave $\frac{2+3}{4+8}$ 4 $\frac{pp}{pp}$ 3 $\frac{8}{8}$
 Claves $\frac{2+3}{4+8}$ 4 $\frac{pp}{pp}$ 3 $\frac{8}{8}$
 Triangle $\frac{2+3}{4+8}$ 4 $\frac{pp}{pp}$ 3 $\frac{8}{8}$
 8. Caisse claire $\frac{2+3}{4+8}$ 4 $\frac{pp}{pp}$ 3 $\frac{8}{8}$
 2 Maracas Claire $\frac{2+3}{4+8}$ 4 $\frac{pp}{pp}$ 3 $\frac{8}{8}$
 Grave $\frac{2+3}{4+8}$ 4 $\frac{pp}{pp}$ 3 $\frac{8}{8}$
 9. Tarole $\frac{2+3}{4+8}$ 4 $\frac{pp}{pp}$ 3 $\frac{8}{8}$
 Caisse claire $\frac{2+3}{4+8}$ 4 $\frac{pp}{pp}$ 3 $\frac{8}{8}$
 Cymbale suspendue $\frac{2+3}{4+8}$ 4 $\frac{pp}{pp}$ 3 $\frac{8}{8}$
 10. Grelots $\frac{2+3}{4+8}$ 4 $\frac{pp}{pp}$ 3 $\frac{8}{8}$
 Cymbales $\frac{2+3}{4+8}$ 4 $\frac{pp}{pp}$ 3 $\frac{8}{8}$
 11. Güiro $\frac{2+3}{4+8}$ 4 $\frac{pp}{pp}$ 3 $\frac{8}{8}$
 Castagnettes $\frac{2+3}{4+8}$ 4 $\frac{pp}{pp}$ 3 $\frac{8}{8}$
 12. Tambour de Basque $\frac{2+3}{4+8}$ 4 $\frac{pp}{pp}$ 3 $\frac{8}{8}$
 Enclumes..... $\frac{2+3}{4+8}$ 4 $\frac{pp}{pp}$ 3 $\frac{8}{8}$
 13. Piano $\frac{2+3}{4+8}$ 4 $\frac{pp}{pp}$ 3 $\frac{8}{8}$
 Fouet $\frac{2+3}{4+8}$ 4 $\frac{pp}{pp}$ 3 $\frac{8}{8}$

1. *Grosse Cymbale Chinoise*
Grosse Caisse très grave

2. *Gong*
Tam-tam clair
Tam-tam grave

3. *2 Bongos.....* *clair*
grave

3. *Caisse Roulante*

3. *2 Grosses Caisses* *moyenne*
grave

4. *Tambour militaire*
Caisse roulante

5. *Sirène claire*
Tambour à corde

6. *Sirène grave*
Pouet
Güiro

7. *3 Bincs Chinois* *clair*
moyen
grave

7. *Claves*
Triangle

8. *Caisse claire*
2 Maracas *Claire*
Grave

9. *Tarole*
Caisse claire
Cymbale suspendue

10. *Grelots*
Cymbales

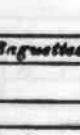
11. *Güiro*
Castagnettes

12. *Tambour de Basque*
Enclumes.....

13. *Piano*

1. Grande Cymbale Chinoise 
 Grasse Caisse (très grave) 

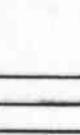
2. 
 Gong
 Tam-tam clair
 Tam-tam grave

3. 
 2 Bongos clair
 grave
 Caisse Roulante
 2 Grosses Caisses moyenne
 grave

4. 
 Tambour militaire
 Caisse roulante

5. 
 Sirène claire
 Tambour à corde

6. 
 Sirène grave
 Fouet
 Gûiro

7. 
 3 Blocs Chinois clair
 moyen
 grave
 Claves
 Triangle

8. 
 Caisse claire
 2 Maracas Claire
 Grave

9. 
 Tarole
 Caisse claire
 Cymbale suspendue

10. 
 Grelots
 Cymbales

11. 
 Gûiro
 Castagnettes

12. 
 Tambour de Basque
 Enclosures

13. 
 Piano

Triangle 
 Grelots 

3
obj A 1
obj B 2
A 2
B 1
A 3
B

7

1. Cencerro
Grosse Caisse (très grave)

2. Cencerro
Tam-tam clair
(Tam-tam grave)

3. 2 Bongos..... clair
grave

2. Caisse Roulante
2 Grosses Caisses moyenne
(grave)

4. Tambour militaire
Caisse roulante

5. Sirène claire
Tambour à corde

6. Sirène grave
Fouet
Güiro

7. 3 Blocs Chinois clair
moyen
grave

Claves
Triangle

8. Caisse claire
2 Maracas Claire
Grave

9. Tarole
Caisse claire
Cymbale suspendue

10. Grelots
Cymbales

f sec.

11. Güiro
Castagnettes

12. Tambour de Basque
Enclumes.....

13. Pianoforte

Triangle

1

1. {Concerro
Craieuse Caisse (très grave)}

2. {Concerro
Tam-tam clair
Tam-tam grave}

3. {2 Bongos..... clair
Caisse Roulante grave
2 Grosses Caisse moyenne
grave}

4. {Tambour militaire
Caisse roulante}

5. {Sirène claire
Tambour à corde}

6. {Sirène grave
Fouet
Güir}

7. {3 Blocs Chinois clair
moyen
grave
Claves
Triangle}

8. {Caisse claire
2 Maracas {Claire
Grave}}

9. {Tarole
Caisse claire
Cymbale suspendue}

10. {Grelots
Cymbales}

11. {Güiro
Castagnettes}

12. {Tambour de Basque
Enclumes.....}

13. Piano

8

1. {Cencarro
Grosse Caisse (très grave)}

2. {Cencarro
Tam-tam clair
Tam-tam grave}

3. {2 Bungus..... {clair
grave
Caisse Roulante
2 Grosses Caisses {moyenne
grave}

4. {Tambour militaire
Caisse roulante}

5. {Sirène claire
Tambour à corde}

6. {Sirène grave
Fouet
Güiro}

7. {3 Blocs Chinois {clair
moyen
grave
Claves
Triangle}

8. {Caisse claire
2 Maracas {Clarie
Grave}

9. {Tarole
Caisse claire
Cymbale suspendue}

10. {Grelots
Cymbales}

11. {Güiro
Castagnettes}

12. {Tambour de Basque
Enclumes.....}

13. Piano

Grande Cymbale Chinois

9

1. {Cencerro
Caisse Caisse (très grave)}

2. {Cencerro
Tim-tam clair
Tim-tam grave}

3. {2 Rongos..... clair
grave
Caisse Roulante
2 Grosses Caisse moyenne
grave}

4. {Tambour militaire
Caisse roulante}

5. {Sirène claire
Tambour à corde}

6. {Sirène grave
Fouet
Güiro}

7. {3 Blocs Chinois clair
moyen
grave
Claves
Triangle}

8. {Caisse claire
2 Maracas
Claire
Grave}

9. {Tarole
Caisse claire
Cymbale suspendue}

10. {Grelots
Cymbales}

11. {Güiro
Castagnettes}

12. {Tambour de Basque
Enclumes....}

13. Piano

1.....{Grande Cymbale Chinoise
Grande Caisse (très grave)}

2.....{Gong
Tam-tam clair
Tam-tam grave}

3.....{2 Bongos.....{clair
grave
Caisse Roulante}

4.....{2 Grosse Caisse {moyenne
grave
Tambour militaire
Caisse roulante}

5.....{Sirène claire
Tambour à corde}

6.....{Sirène grave
Fouet
Güiro}

7.....{3 Blocs Chinois {clair
moyen
grave
Claves
Triangle,

8.....{Caisse claire
2 Maracas {Claire
Grave}

9.....{Tarole
Caisse claire
Cymbale suspendue

10.....{Grelots
Cymbales

11.....{Güiro
Castagnettes}

12.....{Tambour de Basque
Enclumes.....{

13.....Piano

Bruguettes Timbales en pente

1. Grande Cymbale Chinoise
Grosse Caisse (très grave)

2. Gong
..... Tam-tam clair
..... Tam-tam grave

3. { 2 Bongos clair
..... grave
{ Caisse Roulante

2 Grosses Caisses { moyenne
..... grave

4. Tambour militaire
..... Caisse roulante

5. Sirène claire
..... Tambour à corde

6. Sirène grave
{ Fouet
..... Güiro

7. { 3 Blocs Chinois { clair
..... moyen
..... grave
{ Claves
{ Triangle

8. Caisse claire
{ 2 Maracas { Claire
..... Grave

9. Tarole
{ Caisse claire
{ Cymbale suspendue

10. Grelots
{ Cymbales

11. Güiro
{ Castagnettes

12. Tambour de Basque
{ Enclumes.....

13. Piano

Handwritten musical score for a percussion ensemble, page 22. The score consists of 13 staves, each representing a different instrument or group of instruments. The instruments listed on the left are:

1. Grande Cymbale Chinoise / Grosse Caisse (très grave)
2. Gong / Tam-tam clair / Tam-tam grave
3. 2 Bongos... clair / grave
4. Caisse Roulante
5. 2 Grosses Caisse moyenne / grave
6. Tambour militaire / Caisse roulante
7. Sirène claire / Tambour à corde
8. Sirène grave / Fouet / Güiro
9. 3 Blocs Chinois clair / moyen / grave
10. Claves / Triangle
11. Caisse claire
12. 2 Maracas claire / Grave
13. Tarole / Caisse claire / Cymbale suspendue
14. Grelots / Cymbales
15. Güiro / Castagnettes
16. Tambour de Basque
17. Enclumes
18. Piano
19. Fouet

The score is divided into three measures. Measure 1 contains notes primarily on the first two staves. Measure 2 contains notes on staves 1 through 10. Measure 3 contains notes on staves 1 through 18. Measure 4 contains notes on staves 1 through 19. Measure 5 contains notes on staves 1 through 18. Measure 6 contains notes on staves 1 through 19. Measure 7 contains notes on staves 1 through 18. Measure 8 contains notes on staves 1 through 19. Measure 9 contains notes on staves 1 through 18. Measure 10 contains notes on staves 1 through 19. Measure 11 contains notes on staves 1 through 18. Measure 12 contains notes on staves 1 through 19. Measure 13 contains notes on staves 1 through 18. Measure 14 contains notes on staves 1 through 19. Measure 15 contains notes on staves 1 through 18. Measure 16 contains notes on staves 1 through 19. Measure 17 contains notes on staves 1 through 18. Measure 18 contains notes on staves 1 through 19. Measure 19 contains notes on staves 1 through 18.

12

1. { Grande Cymbale Chinoise
Grosse Caisse (très grave)

2. { Gong
Tam-tam clair
Tam-tam grave

3. { 2 Bongos..... { clair
grave

4. { Caisse Roulante
2 Grosses Caisses { moyenne
grave

5. { Tambour militaire
Caisse roulante

6. { Sirène claire
Tambour à corde

7. { Sirène grave
Fouet
Güiro

8. { 3 Blocs Chinois { clair
moyen
grave

9. { Claves
Triangle

10. { Caisse claire
2 Maracas { Claire
(Grave)

11. { Tarole
Caisse claire
Cymbale suspendue

12. { Grelots
Cymbales

13. { Güiro
Castagnettes

14. { Tambour de Basque
Enclumes.....

15. Piano

1. { Grande Cymbale Chinoise
Grosse Caisse (très grave)

2. { Gong
Tam-tam clair
Tam-tam grave

3. { 2 Bongos { clair
grave
Caisse Roulante

2 Grosses Caises { moyenne
(grave)

4. { Tambour militaire
Caisse roulante

5. { Sirène claire
Tambour à corde

6. { Sirène grave
Fouet
Güiro

7. { 3 Blocs Chinois { clair
moyen
grave
Claves
Triangle

8. { Clisse claire
2 Maracas { Claire
Grave

9. { Tarole
Caisse claire
Cymbale suspendue

10. { Grelots
(Cymbales)

11. { Güiro
Castagnettes

12. { Tambour de Basque
Enclumes.....

13. Piano

$J = 52$

[13]

1. { Tam-tam clair
Grosse Caisse (très grave)

2. { Gong
Tam-tam grave

3. { 2 Bongos { clair
Caisse Roulante { grave
2 Grosses Caisse { moyenne
{ grave

4. { Tambour militaire
Caisse roulante

5. { Sirène claire
Tambour à corde

6. { Sirène grave
Pouet
Güiro

7. { 3 Blocs Chinois { clair
Claves { moyen
{ grave
Triangle

8. { Caisse claire
2 Maracas { Claire
{ Grave

9. { Tarole
Caisse claire
Cymbale suspendue

10. Cloches

11. Glockenspiel à clavier
(with resonators)

12. Grand Tam-tam
(très profond)

13. Piano

Pédale
Jusqu'à la fin

\rightarrow Piano 3rd line
Oppure

to the end as rhythmically
indicated

1. { Tam-tam clair
Grosse Caisse (très grave)

2. { Gong
Tam-tam grave

3. { 2 Bongos..... { clair
grave
Caisse Roulante
2 Gromes Caisse { moyenne
grave

4. { Tambour militaire
Caisse roulante

5. { Sirène claire
Tambour à corde

6. { Sirène grave
Fouet
Guïro

7. { 3 Blocs Chinois { clair
moyen
grave
Claves
Triangle

8. { Caisse claire
2 Maracas { Claire
Grave

9. { Tarole
Caisse claire
Cymbale suspendue

10. Cloches

11. Glockenspiel

12. Grand Tam-tam
(très profond)

13. Piano

1.....	Tam-tam clair Groupe Caisse (très grave)	
2.....	Gong Tam-tam grave	
3.....	2 Bongos..... clair	
4.....	8..... Caisse Roulante 2 Grosses Caisse moyenne	
5.....	4..... Tambour militaire Caisse roulante	
6.....	5..... Sirène claire Tambour à corde	
7.....	6..... Sirène grave Pouet Gâiro	
8.....	7..... 3 Blocs Chinois clair moyen grave Claves Triangle	
9.....	8..... Caisse claire 2 Maracas { Claire Grave	
10.....	9..... Tarole Caisse claire Cymbale suspendue	
11.....	10..... Cloches	
12.....	11..... Glockenspiel	
13.....	12..... Grand Tam-tam (très profond)	
	13..... Piano	