

CONCLUSIONS AND SUMMARY

Originally there was only one school of Sāmaveda, J, the pristine aspects of which have been preserved by the Nampūtiris. Directly or indirectly, all sāmavedic notations are J notations. Even the numeral notation employed today by K-R chanters is an altered version of an old J notation. This is made clear by Sabhāpati, in his Dhāranalakṣaṇa (see Burnell's JĀrṣB xiv-xv), and by Bhavatrāta (JŚSV 258), both of whom prescribe a series of J mudrās strikingly similar to those used by K-R sāmavedīs of the present day. The commentary of Bhavatrāta has been described as "very old" by Parpola, who has had the opportunity "to visit the places in Kerala where Bhavatrāta and his relatives lived, and to record many legends and traditions concerning them, still well remembered by the Nambudiris." (LSJS 15) Although the J syllable notation is today the exclusive property of the Tamil chanters (practically all J manuscripts with the notation are of Tamil origin), it reflects the structure of NJ more closely than that of the Tamil J. The inventor(s) of the notations must have had familiarity either with NJ or with a type of J chant structurally very close to NJ. Possibly, the Tamil chant was very similar to NJ at one time; but, if this is the case, this old way of singing has been irrevocably lost. On the other

hand, NJ appears to have changed little, or perhaps not at all, over the centuries. Indeed, the melodies or melody fragments which constitute the NJ may date back to pre-vedic India.

As demonstrated in Part II, the J syllable notation can be related directly to the figure notation. As a matter of fact, there is good reason to suspect that notation by numerals may actually have preceded the syllabic method of representation. The number system is by far the more cumbersome of the two, since a particular figure may have more than one signification: augmented 2, for instance, has k, t, or k-th as syllabic parallels; augmented 5 after 1_{234} or 3_{234} has either n or ś as its counterpart; 1_2^{\wedge} may be represented by either t or t-t; and so on. If one accepts the reasonable assertion that, in the course of time, sāmavedic notation evolved in the direction of greater precision, then the syllabic method must be judged the most recent. It is appropriate to summarize here the correspondences. Unless otherwise stated, each sign may encompass preliminary short or long syllables. All sequences are found on augmented syllables.

K: Augmented 2

Exceptions: (1) augmented 2 after 1_{23} or 3_{234} is equivalent to t, (2) augmented 2 in a 2-notated vacana, except one entirely on stobhas, is equivalent to t, (3) augmented 2 preceded by 1_2 and followed by 1_2 , 1_2^{\wedge} , or 1_{23}

is equivalent to k-th (t_h).

KH: 3₂₃₄, notated 3¹¹¹¹₂₃₄₅ on final syllables of chants

C: Augmented 1

T: a. 1₂

Exception: 1₂ is also equivalent to bh.

b. 1₂[^]

Exception: 1₂[^] is also equivalent to t_{-t}.

c. 1₂₃

Exception: 1₂₃ is also equivalent to bh.

N: a. Augmented 3

Exceptions: (1) augmented 3 after 1₂₃₄ is equivalent to ś, (2) augmented 3 after 3₂₃₄ and before augmented 2 or 4 is equivalent to ś.

b. Augmented 5

Exceptions: (1) augmented 5 in a 5-notated vacana is equivalent to t or ś, (2) augmented 5 after 1₂₃₄ or 3₂₃₄ may be equivalent to ś rather than n, (3) augmented 5 after augmented 4, when the latter corresponds to ph, is equivalent to t, (4) medial augmented 5 before augmented 4, 2₃[^], or 3₂₃₄ is equivalent to ś-pl, (5) medial augmented 5 before 5₆₅₆ is equivalent to ś.

T: a. Augmented 2 after 1₂₃ or 3₂₃₄

b. Augmented 2 in 2-notated vacanas (except those entirely on stobhas)

- c. Augmented 5 in 5-notated vacanas (except those entirely on stobhas)
- d. Augmented 5 after augmented 4, when the latter corresponds to ph
- e. 2_3^{\wedge}

TH: Final 2r or 2r immediately before a change of numeral

Exception: 2r after 1_2 is equivalent to ḡ.

P: 1_{234}

PH: a. Augmented 4

Exception: augmented 4 following augmented 5 is equivalent to ḡ.

- b. Short 4 with preliminary long or augmented syllables
- c. Short 5 with preliminary long syllable(s) notated $3r$
- d. 3_5

BH: a. 1_2

Exception: 1_2 is also equivalent to ṭ.

b. 1_{23}

Exception: 1_{23} is also equivalent to ṭ.

Y: 2_1

PL: a. 4_5

b. 5_6

c. 3r immediately before a change of numeral (unless this numeral is 5)

d. Short 5 with preliminary augmented syllable notated 4_5

Ñ: Augmented 4 preceded by augmented 5

TR: 5₆5₆

Ś: a. Final short 1-6

Exceptions: (1) final short 5 with a preliminary augmented syllable notated 4₅ is equivalent to pl, (2) final short 4 with preliminary long or augmented 4 is equivalent to ph.

b. Medial short 1-6 immediately prior to a change of numeral

Exception: medial short 4 with preliminary long or augmented 4 is equivalent to ph.

c. Final 1r or 1r immediately before a change of numeral

d. 2r after 1₂

e. Final 5r after 3₅

f. Augmented 3 after 1₂3₄

g. Augmented 3 after 3₂3₄ and before augmented 2 or 4

h. Augmented 5 in a 5-notated vacana entirely on stobhas

i. Final augmented 5 after 1₂3₄, 3₂3₄, or 4₅

Exception: augmented 5 after 1₂3₄ or 3₂3₄ may be equivalent to n rather than ś.

j. Augmented 5 before 5₆5₆

K-C: 1₂ (?)

K-TH: Augmented 2 preceded by 1₂ and followed by 1₂, 1₂², or 1₂3

KH-N: 2₃4₃
T-KH: 1¹¹¹¹
 2₃4₅
T-C: 1r₂
T-T: 1²

Exception: 1² is also equivalent to t.

N-PH: 4₃
T-C: 2₃
T-T: 2₃2
TH-C: 2r₃
P-Y: 1₂3₁ (?)
S-PL: Augmented 5 before augmented 4, 3₂3₄, or 2₃

Minor adjustments in this list may be required when all sāmans of the J repertory have been scrutinized. Also, the musical interpretations and numerical parallels of relatively unimportant symbols such as kru and t-tt--this compound known to occur in the JŪG and JŪhyG (see SC 161-62)--will be known when the entire corpus of NJ recordings has been inspected. Needless to say, a complete edition of the J gānas is impossible without the collaboration of a qualified musicologist.

In the meantime, the overwhelming majority of the symbols, in their various contexts, can be connected to the following groups of related pitch patterns (ādisvaras underlined).

- (1) 1a++
 1alb
 1a2a+
 1alc2a+

la3ala+

la+++4a3b+

1. short ph
2. final short pl
3. pl before k, t, or kh-n
4. final short ś after k, t, n, t, tr, or kh-n
5. final long preliminary syllable of the following:
kh, with a single long syllable, before n or pl;
c before k; c before c prior to k; c before final
th; th before c prior to k; th before t-t; final
 augmented pl on any vowel other than o; pl before
 final pl; n after pl or ś-pl and before final ś;
k-th before t prior to t; th-c before k or c
6. penultimate long preliminary syllable of the
 following: kh before augmented ś, without prelimi-
 nary long syllables, prior to pl; kh before
 augmented ś, without preliminary long syllables,
 prior to tr; t, preceded by t, which is final or
 followed by final ś; p before n prior to ph;
th-c before k

(2) lc

ld

le

1. final long preliminary syllable of the following:
pl before final pl; n-ph before kh; th-c before
 final ś (also final th-c?)

(3) lēla

lcla

ldla

lc2a

1. pl before ñ
2. final long preliminary syllable of the following:
 - kh before kh with ādisvara; kh, with only a single long syllable, before pl; kh, with only a single long syllable, before augmented ś, without preliminary long syllables, which is final or occurs prior to kh; kh before final augmented ś with one or more preliminary long syllables; c before k or ś; n after p; final th; th before p; th before short ś prior to t
3. penultimate long preliminary syllable of the following: kh before tr; final c; c before p

(4) la++2b

1. final short ś after kh, p, ph, or pl
2. final short ś on the stobha hāyi

(5) la++++5b

la+++1b

la++3e(1-2)

la+++8b(1-2)

la+5c(1-4)

la9b(1-2)

la+11a(1-4)

la2e4a4a

1. final long preliminary syllable of the following:
final k; final t; t before t or final ś; k-c
before k
2. penultimate long preliminary syllable of the
following: k before kh; kh before ṅ; t before kh
not on the stobha au ho bā or represented by
 $\begin{matrix} 3 & 1 & 1 & 1 & 1 \\ 2 & 3 & 4 & 5 & \end{matrix}$; t before k-th; t before t

- (6) 1a4c+
1a2e+
1a3b+
1a3d+
1a1b3b+
1a2a3b
1a4a3b+
1a5b3b+

1. k before t prior to kh, t not on a stobha
2. c, not on the first textual syllable of a vacana,
before k
3. c before final th or before ś
4. medial short ś, or final short ś after c or ṅ
5. augmented ś, without preliminary long syllables,
between kh and tr
6. final long preliminary syllable of the following:
kh, with a single long syllable, before ṅ; final
c; c before kh; c before c prior to k; c, with a
single long syllable, before t; c before t, final

th, p, y, or ś; ṭ before kh corresponding to 3¹¹¹¹₂₃₄₅;
p before ṅ prior to ph; pl, on the stobha ehiyā,
 before final ś

7. penultimate long preliminary syllable of the following: k before c; k before ṭ prior to kh or kh-ṅ; kh before ṅ or pl; kh before augmented ś, without preliminary long syllables, which is final or occurs prior to kh; final ṭ or ṭ before final ś; ṭ before c or ṭ; p before kh; p before ś with one or more preliminary long syllables; ṭ-c before k, on two or more textual syllables, prior to ṭ; ṭ-c before k-c

(7) 1a2e3d+

6b(4-6)2e3d

2e++3d+

1. ṭ before medial ś
2. final long preliminary syllable of the following:
 final c; ṭ before p
3. penultimate long preliminary syllable of c before

y

(8) 1a4c++1b

1a4c++2e(1)

1a4c++3d(1-2)

1a3d++1b

2e4a3b+1b

2e4a3b++8b(1-2)

1a2e4a3b+8b(1-2)

3b(3)++4c1b

3b(3)+++1b3b+3e(1-2)

2e++2a++4c+3e(1-2)

1a+++4c++3b5b(1-2)

1a+3e3b++5b3a(1-2)

1. k before medial ś
2. c before final c or before c prior to k, t, or th
3. c, not on the first textual syllable of a vacana, before t
4. final long preliminary syllable of t-c before k, c, or k-c

(9) 1a+4c3d

1a++4c

1a+5b3b3d

7a(7)5c3d

1a++++2a++3ela

1. c, on the first textual syllable of a vacana, before k or ś
2. c before t
3. n, with long preliminary syllable, following p
4. th before t prior to kh
5. th before short ś prior to t
6. ph, not preceded by k, before final ś
7. ñ before final ś and preceded by pl or ś-pl
8. medial short ś
9. final short ś after c or ñ
10. final long preliminary syllable of the following: k, except final k; kh before kh with adisvara;

kh, with two or more preliminary long syllables, before n; kh before t; kh before augmented ś, without preliminary long syllables, prior to k or ph; kh before final short ś; kh, with two or more preliminary long syllables, before pl or before augmented ś, without long syllables, which is final or occurs before kh; final c; c before c prior to th; c, with two or more preliminary long syllables, before t; c before medial th, y, or p-y; t before k, kh, c, t, t, p, medial ś, k-th, kh-n, t-c, or t-c; final short ph; bh before t; y before t prior to t; t-c before y; p-y before p

11. penultimate long preliminary syllable of the following: k before k; k before t, on a stobha, prior to t; k before y or th-c; final t or t before final ś; t before c, p, or t-c; p before medial pl

(10) 1a+5b3b(1)

1a+8b(1-7)

1a4a2a(1)

1. final long preliminary syllable of final k
2. penultimate long preliminary syllable of the following: k before kh; c before t or ś; t before kh not on the stobha au ho bā or represented by $3 \begin{smallmatrix} 1111 \\ 2345 \end{smallmatrix}$; t before t; p before medial pl; p-y before p

(11) 1a++++4a3b+

1. penultimate long preliminary syllable of the following: kh before pl; kh before augmented ś, without preliminary long syllables, prior to k or ph; final ṭ or ṭ before final ś, if ṭ does not precede; ṭ before ṭ

(12) 1a++4c+4c

1b4a3b++4c

1alc2a++4c4c

1b3f4a3b+4c

1d1a++++6d+5b3b+4c

1a+++2a+1b3f4a3b+4c(1-3)

1. k before final ṭ
2. k before ṭ prior to ṭ, ṭ not on a stobha
3. th before ṭ prior to kh-ṇ
4. final long preliminary syllable of the following:
p before kh, medial pl, tr, or ś

(13) 1a++4c+4d

1a++3e3b++4d

1a++4c+3d1b3a

1a+++2a2a3b++4c+4d(1-3)

1a+++2a2a2a+4c++3d1b3a(1-2)

1. k before th

(14) 1a6a3a

1a2b2b2b3a

1. pl, on the stobhas au ho bā and ehiyā, before final ś

(15) 1a+++2a++3dlb

1. th before final c
2. th before ṭ prior to ṭ (with ādisvara?)
3. th before short ś prior to k (with ādisvara?)

(16) 1a++2a++4c7c

1. final preliminary long syllable of y before final ṭ on two or more textual syllables

(17) 1a4c+4c3d

1a++4c4c3d

1a4c7c

1a++1b3b+3b3d

1a++2a+4c7c

1a++4c7c

1a4c3b3d

2e4a3b+3b3d

1a+++2a++4c+3b3d+

1a+++6d+3e3b++4c3b3d

1a+++2a2a2a3b++4c+6c

2a+++2a+4c++4c+3b2e

1a+++2a2a2a+4c+4c+3b2e

1a5b3b7c

2a+++++2a+5b3b7c

1a5b3b3b3d

1e1a+++6d+5b3b+3b3d

1a4c4a3b

1a+++2a2a2a+4c++4c4a3b

1a++4c+4c3b3d

1a++4c+4c4a3b

1. k before k, ph, y, ṭ-ṭ, or th-c
2. k before c prior to ṭ, th, y, or ś
3. k before ṭ prior to kh, c, ṭ, p, kh-ṇ, or t-c
4. k before ṭ prior to ṭ when ṭ has the ādisvara
5. k before p, except p prior to pl pl
6. final c
7. c before kh, medial th, y, k-c, ṭ-c, th-c, or p-y
8. c before c prior to y or ś
9. c, on the first textual syllable of a vacana, before ṭ
10. ṭ before k, c, ṭ, p, y, or ṭ-c
11. final th
12. th before c prior to k
13. th before ṭ prior to p
14. th before p
15. th before ṭ-ṭ
16. y before ṭ prior to ṭ, kh-ṇ, or t-c
17. y before final ṭ on two or more textual syllables
18. final long ś after c
19. medial long ś after ṭ
20. k-th before ṭ prior to ṭ
21. final long preliminary syllable of the following:
p before ṇ prior to ś; ṭ-ṭ before kh

(18) 1a4c3d+3d++

1a4c3d+4c++

1a2e4a3b3d++5b3b+

1a2e+6a+3b++3d++5b+3b+

1. non-final ph preliminary augmented syllable
2. medial long ṣ after c

(19) 1a++2a * 2e++5b(1-2)

1. k-th followed by ṭ prior to kh-n

(20) 2e++4c5a5c

1. k before final c

(21) 1a+++3b++4c++4c

1a++3b++4c+1b

1. th before ṭ prior to t

(22) 1a2e4a3b++8b(1-2)

1a2e4a3b+3e(1-2)

1. final long preliminary syllable of final ṭ
or of ṭ before final ṣ

(23) 1a2e4a3b++4c

1alc2a+4c+4c

1. ṭ before final kh represented by $\begin{matrix} 1111 \\ 32345 \end{matrix}$

(24) 1a+4c3d+4c+4c

1a+2e2e3d+1b4a3b+1b3b

1. y before p

(25) 1a++2a++4c3d+4c

1a+++3b++4c3d+4c

1. ṭ before kh on the stobha au ho bā

(26) 1a+++2a2a3b+4c++

1a+++4e3b+4c++

1a+++2a2a3b+1b3b++

2d2a++2a2a2a3b3e3b+

1. n after kh and before final ś
2. final n after kh
3. n, without a long preliminary syllable, after p and either final or before final ś
4. tr (all appearances)

(27) 1a+++++++2b2b2b2a(1)

1a+++++2b2b2bld

1. n before ph or n-ph
2. preliminary augmented syllable of ś, when notated on the stobha hāyi

(28) 1a+++++++2c2a2a2b

2e+++++2a2a2a2b

1. final augmented pl
2. augmented ś after pl
3. augmented ś, when it is the only symbol in a vacana
4. final augmented ś, with one or more preliminary long syllables, after kh or p

(29) 1a+++++++2b2b2b3b

1. augmented ś, without preliminary long syllables, after kh (ś before k, ph, and tr excepted)
2. ś-pl before kh or t

(30) 1a+++4c+3b2elb

1a+++4c3blb

1. ph before ph

(31) 1a+++5b3b3d++4c

1. final preliminary long syllable of kh before tr

- (32) lcl₁a₁++++2a₂a₂a₃b₊
 la₊2a₂a₃b₊
 1. th before c prior to th
 2. preliminary augmented syllable of final short pl
- (33) la₊+++6b₁b₃b₊3b₃d
 1. t-c before k prior to p
- (34) la₊+++5b₃b₃d+3b₃d+
 1. ph before kh prior to n
 2. ph before final s, when k precedes
- (35) la₂b₂b₂a₃a₊+la₂a₊
 1. s-pl before n
- (36) la₊4c₄a₃b₄a₃b₃d
 la₃e₃b₄a₃b₄a₃b₃d
 1. y before k prior to k
 2. y before t prior to k or t
- (37) la₄a₃b₊+1b₃b₃b₃d+
 1. y followed by final t on two or more textual syllables
- (38) lb₁a₃d++5b₃b₃d+4c₊₊
 3b(2-3)3d++5b₃b₃d+4c₊₊₊
 1. final k
- (39) lb₅a₃d+5b₃b₃d+4c₊₊
 1. final t
 2. t before final s or before t-t
 3. final bh
- (40) la₂e₄a₃b₊+4c₃d+4c
 2e₄c+4c₃d+4c

2e3d+5b3b3d+4c

1a+6a3b+++3e3b+3d+3e+3b+

1a+++2a++4c++4c3d+1b3b

1a++++2a++3e3b++3e3b+3d+3e3b+

1. k before kh, t, or t-t
2. k before c prior to c or k-c
3. k before p prior to pl pl
4. t before kh, excluding t on au ho bā and t before kh represented by $\begin{matrix} 1111 \\ 2345 \end{matrix}$
5. t before t, k-th, kh-n, or t-c
6. bh before t

(41) 1a+4c3d+5b3b+4c3d+

1. c before p

(42) 1a+4c3d+3d+++++6d3b+4c++

1a+4c3d3d+++4e3b+1b3b+

1a+4c3d+3d+++++2a2a2a3b+1b3b++

1. final augmented ph
2. preliminary augmented syllable of final ph

(43) 2e3d+3d3d+2h4a3b++

2e3d+3d3d+2h4a3b+2e(1)

1. k-c before p
2. th-c before t

(44) 1a+++4c3d+4c4a3b+1b

1a+++3d+4c4a3b+1b

1. y before k prior to t-t

(45) 1a2e3d+4c+4c+4c+4d(1-3)

1a2e3d++3d+3d+3b++4c+3b2e

1. k-c before t or t
- (46) 1a+++2b2b3b+5b3b3d+4c+
1a+++4a3b+5b3b3d+4c
1. final preliminary long syllable of kh before augmented ś, without preliminary long syllables, prior to pl or tr
- (47) 1a++++2a2a2a3b++++3a+++3d++
1c2a+++2a2a2a4b++++3a++3d+++
1. ph before kh prior to ś
2. ph before n, t, or medial pl
3. pl before medial pl
- (48) 1b5a3d+3d3d3b+4c4a
1. t before c
- (49) 1a4c3d3d++2a2a3b+4c+
1a4c3d+2a2a3b+3e3b
1. augmented ś, without preliminary long syllables, between kh and k or between kh and ph
2. augmented ś, without preliminary long syllables, after p
- (50) 1a+4c3d++3d+5b3b3b3d
1a+4c3d++3d3b++4c5a
1b5a3d++3d+4c+4c3b2e1b
1. t before k, t, or p
- (51) 1a+4c+4c3d++4c+4c3d+4c
1. t-t before kh
- (52) 1a2e3d+4c4a3b3d+4c+1c
1a+++4a2a++4c4a3b3d+4c1c

1e1a+++2b2b3b+4c4a3b3d++4c3c

1. kh before augmented ś without preliminary long syllables (except for ś prior to k, ph, or tr)
2. kh before ś-pl

(53) 1a2e3d+4c4a3b3d+4c4c

1. kh before augmented ś, without preliminary long syllables, prior to k or ph
2. p before final ph
3. p before ś without preliminary long syllables

(54) 1b5a3d+4c4a3b4a3b3d

6b3d+4c4a3b4a3b3d

1. t-c before k, on one textual syllable, prior to k
2. t-c before k, on one textual syllable, prior to t

(55) 1b5a3d++3d+3d+3b++4c++3b2e

1. t-c before k, on two or more textual syllables, prior to k

(56) 2e4a3b+3d3d+3d4a3b+1b

2e4a3b+3d3d+2e4a3b+3e(1-2)

1. y before final t on one textual syllable
2. y before final bh on one textual syllable

(57) 1a+4c3d++4c3d++5b3b3d+4c

1b5a3d++4c3d++5b3b3d++1b3b

8b(3-8)3d++4c3d++5b3b3d+4c

1a+++4e4a3b3d++4c3d+5b3b3d+4c

1. final t
2. t before kh, t, or final ś

- (58) $1a+++4c2e3d+3e4a3b3b3d+$
 1. k-c before c
- (59) $1a++++2a++6b3d+1b3f4a3b+1b$
 1. t before bh
- (60) $1c1a+++4e4a3b3d++3d+3e3b3d+$
 1. t before medial ś
- (61) $1a2e4a3b3d++6b2e3d++4a3a$
 $1a2e4a3b3d++8b3d++2b2b3a$
 $1a+3e3b+4c3d+8b3d+++2b2b2a3a$
 $1a+3e3b+4c3d+8b3d+2a2a3b+3ala+$
 1. kh before n
 2. p before n or final pl
 3. p before ś with one or more preliminary long syllables
- (62) $1a++4c3d+6b2e3d++++2a2a2a2b$
 $1a3d++4c3d+8b3d++++2a2a2a2b$
 $1a3d++4c3d+8b3d++++2c2a2a2b$
 $1c1a+++++6a2a+++1b3b3d++6b2e3d+++++++6d2b$
 1. kh before final short or augmented ś with one or more preliminary long syllables
 2. final kh
- (63) $1a++4c3d+6b2e3d++++2b2b2b3b$
 $1a3d++4c3d+8b3d++++6a3b$
 $1a3d++4c3d+8b3d++++2b2b2b3a$
 $1a3d++4c3d+8b3d++++2b2b2b2a$
 $1a3d++4c3d+6b2e3d++4e3b$

lela+++2b2b3b+4c3d+6b3d++++2b2b3b

la+3e3b+4c3d+8b3d+++2b2b2a3a

lela+++7b3b+++5b3b+3d+++6b3d3d++++2b2b2b3b

1. kh before kh without ādisvara
2. kh before t, pl, tr, or ś-pl
3. kh before augmented ś, without preliminary long syllables, prior to tr
4. kh before final short ś without preliminary long syllables
5. p before kh, c, t, medial ph, medial pl, tr, or ś-pl

(64) 8b(3-8)3d+4c3d++4c2e3d+++5b3b+4c

1. p-y before p

(65) 1b5a3d+4c+3d3d3b++4c4a3b(1-2)

8b(3-8)3d+4c+3d3d+2e++4c4a2a(1)

1. t-c before y or k-c

(66) 2e+3d++3d3d+2h4a3b+4c+3b3d+

1b1a+3d++3d3d+2h4a3b+4c+3b3d+

1. k-c before k

(67) 1a+3d+3d3d+2e4a3b+4c3b3d+

1a+3d++3d+3d+2h4a3b++2e1b4a(1)

1. th-c before k or c

(68) 1a++2a2a3b++2a++2a2a2a3b+3c

1. pl before final pl
2. pl before final ś (excluding pl on the stobhas au ho bā and ehiyā)

(69) 1a++++++2c2a2a+4a5alb+3b+++6b3d

1. n after kh and before t

(70) 2e4a3b3d+8b3d++2a2a3b3e3b++

2e4a3b3d+6b2e3d++4e3b4c++

le1a+++4a3b+3e3b3d++8b3d++4e3b+3e3b++

ld1a++++6a2a+1b3b3d++6b2e3d++++2a2a3b+1b3b++

1. kh-n (all appearances)

(71) 1b5a3d+3d+3d+2h4a3b+++4c2e1b

8b(3-8)3d+3d3d+2e4a3b++3d5c(1-2)

8b(3-8)3d+3d3d+2h4a3b+5b(1-2)

6b3d++3d+3d+1b4a3b+4c3d++

1b5a3d++3d+3d+3b++4c++3b2e

1b4a3d+3d3d+2e4a3b++2e2e

1. t-c before k, on two or more textual syllables,
prior to t or y

2. t-c before c or p

3. t-c before t prior to kh-n

(72) 1a2e4a3b3d+6b3d3d++++2a2a3b++4c+++

1. kh before kh with adisvara

(73) ld1a++++2a2a3b++2a++++2a2a2a3b+++4c4c+

1a++2a+2a3b+2a+4e3b+2b3b

1. n-ph (all appearances)

(74) 1a+++2a2a4a3b3d+3d3d+2h4a3b+4c7c

1a++3e3b+3d+4c3d++3d++1f1b4a+3b+++4c++

le1a++2a2a4a3b3d+3d2h4a3b+5b(1-3)

1. t-c before k, c, or t

- (75) $1a+4c3d++4c3d+++7b5a3e3b3d++5b3b3d++4c++++$
 1. final t-t
- (76) $1a+++4e4a3b3d+4c3d+++4c2e2e3d+5b3b3d$
 1. th-c before final ś (and also final th-c?)
- (77) $1a+++4e4a3b3d++4c3d++10b3d+1b4a3b+3b3d++$
 1. final t-c
- (78) $1a+4c3d++4c3d+++7b5a1b3b3d+3d3d+2e4a3b++4c$
 1. t-t before c
- (79) $1ela++++++2b2b2b3b+++3d3d3d7b6a3b3d+8b3d++++++2a2a2a2b$
 1. final t-kh

* * *

Listed here, as a postscript, are the musical phrases associated with three symbols occurring in, and possibly unique to, the two forms of the gāyatra-sāman (the prājāpatyaṃ gāyatram and the bodiless gāyatram).

- A. s before t-c: $2a++2b2b2a++15a$
- B. ś-c final in the vacana: $1a++3e5a3e3b++++4c2e3d++++$
- C. s-t before t: $1d1a+++6a2a++4c2e5b3b5b3b2e2e3d+4c4c++4c6a2a(1)$