CONCLUSIONS AND SUMMARY

Originally there was only one school of Sāmaveda, J, the pristine aspects of which have been preserved by the Nāmpūtiris. 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 Dhāranalaksana (see Burnell’s JĀrsB 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." (ISJS 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 significa-
cation: augmented 2, for instance, has k, t, or k-th as syllabic parallels; augmented 5 after 1_{23} or 3_{23} has either \eta or \xi as its counterpart; 1_{\frac{1}{2}} may be represented by either \frac{1}{2} or \frac{1}{2-1}; 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_{23} 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_{\frac{1}{2}} and followed by 1_{\frac{1}{2}}, 1_{\frac{1}{2}} or 1_{23}
is equivalent to \( k \)-th (th).

**KH:** \( 3_{234} \), notated \( 3^{1111}_{2345} \) on final syllables of chants

**C:** Augmented 1

**T:**

a. \( l_2 \)

Exception: \( l_2 \) is also equivalent to bh.

b. \( l_2^* \)

Exception: \( l_2 \) is also equivalent to \( \tilde{t}_{-t} \).

c. \( l_{23} \)

Exception: \( l_{23} \) is also equivalent to bh.

**N:**

a. Augmented 3

Exceptions: (1) augmented 3 after \( l_{234} \) is equivalent to \( \tilde{t} \) or \( \tilde{s} \), (2) augmented 3 after \( 3_{234} \) and before augmented 2 or 4 is equivalent to \( \tilde{s} \).

b. Augmented 5

Exceptions: (1) augmented 5 in a 5-notated vacana is equivalent to \( \tilde{t} \) or \( \tilde{s} \), (2) augmented 5 after \( l_{234} \) or \( 3_{234} \) may be equivalent to \( \tilde{s} \) rather than \( n \), (3) augmented 5 after augmented 4, when the latter corresponds to ph, is equivalent to \( \tilde{t} \), (4) medial augmented 5 before augmented 4, \( 2^3 \), or \( 3_{234} \) is equivalent to \( \tilde{s}_{-pl} \), (5) medial augmented 5 before \( 5656 \) is equivalent to \( \tilde{s} \).

**T:**

a. Augmented 2 after \( l_{23} \) or \( 3_{234} \)

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. $\frac{2}{3}$

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

Exception: 2r after $L_2$ is equivalent to $T$.

P: $1_234$

PH:

a. Augmented 4

Exception: augmented 4 following augmented 5 is equivalent to $A$.

b. Short 4 with preliminary long or augmented syllables

c. Short 5 with preliminary long syllable(s) notated 3r

d. $3_5$

BH:

a. $L_2$

Exception: $L_2$ is also equivalent to $T$.

b. $1_23$

Exception: $1_23$ is also equivalent to $T$.

Y:

a. $2_1$

FL:

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
Augmented \(\text{A}\) preceded by augmented \(\text{A}\n\) 

TR: 5656

\(\text{S}\): a. Final short 1-6

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

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 \(\text{ph}\).

c. Final \(\text{l}\) or \(\text{l}\) immediately before a change of numeral

d. \(\text{l}\) after \(\text{l}\)

e. Final 5\(\text{l}\) after 3\(\text{A}\)

f. Augmented \(\text{A}\) after 1234

g. Augmented \(\text{A}\) after 3234 and before augmented 2 or 4

h. Augmented \(\text{A}\) in a 5-notated \(\text{vacana}\) entirely on stobhas

i. Final augmented 5 after 1234, 3234, or 4\(\text{A}\)

Exception: augmented 5 after 1234 or 3234 may be equivalent to \(\text{n}\) rather than \(\text{A}\).

j. Augmented \(\text{A}\) before 5656

K-C: 12 (?)

K-TH: Augmented 2 preceded by 12 and followed by 12, 12, or 123
KH-N: $2_{345}$
T-KH: $1_{1111}$
T-C: $lr_2$
T-T: $l_2$

Exception: $l_2$ is also equivalent to $t$.

N-PH: $4_3$
T-C: $2_3$
T-T: $2_{32}$
TH-C: $2r_3$
P-Y: $1_{231}$ (?)
Ś-PL: Augmented 5 before augmented 4, $3_{234}$, or $2^*_3$

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 $t-nt$—this compound known to occur in the JÜG and JÜHY (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) $la^{++}$

$la^{lb}$

$la^{2a+}$

$la^{lc2a+}$
1a3ala+
1a+++4a3b+

1. short ph
2. final short pl
3. pl before k, t, or kh-n
4. final short s 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; h after pl or s-pl and before final s;
   k-th before t prior to t; th-c before k or c
6. penultimate long preliminary syllable of the
   following: kh before augmented s, without prelimi-
   nary long syllables, prior to pl; kh before
   augmented s, without preliminary long syllables,
   prior to tr; t, preceded by t, which is final or
   followed by final s; p before n prior to ph;
   th-c before k

(2) lc
da
dle

1. final long preliminary syllable of the following:
   pl before final pl; n-ph before kh; th-c before
   final s (also final th-c?)
(3) lela
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 §, without prelimi-
   nary long syllables, which is final or occurs
   prior to kh; kh before final augmented § with one
   or more preliminary long syllables; c before k or
   §; n after p; final th; th before p; th before
   short § 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 § after kh, p, ph, or pl
2. final short § on the stobha hāvi

(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 ū; k-c
   before k

2. penultimate long preliminary syllable of the
   following: k before kh; kh before ū; t before kh
   not on the stobha au ho bā or represented by
   311111: t before k-th; t before t

(6) la4c+
   la2e+
   la3b+
   la3d+
   la1b3b+
   la2a3b
   la4a3b+
   la5b3b+

1. k before t prior to kh, t not on a stobha
2. a, not on the first textual syllable of a vacana,
   before k
3. a before final th or before ū
4. medial short ū, or final short ū after a or ā
5. augmented ū, without preliminary long syllables,
   between kh and tr
6. final long preliminary syllable of the following:
   kh, with a single long syllable, before ū; final
   c; c before kh; ū before a prior to k; ū, with a
   single long syllable, before t; c before t, final
th, p, v, or 6; 1 before kh corresponding to 31111;
p before n prior to ph; pl, on the stobha ehiya,
before final 6

7. penultimate long preliminary syllable of the
following: k before c; k before t prior to kh or
kh-Ø; kh before n or pl; kh before augmented 6,
without preliminary long syllables, which is final
or occurs prior to kh; final t or t before final 6;
t before c or t; p before kh; p before 6 with one
or more preliminary long syllables; t-c before k,
on two or more textual syllables, prior to t; t-c
before k-c

(7) 1a2e3d+
6b(4-6)2e3d
2e++3d+
  1. t before medial 6
  2. final long preliminary syllable of the following:
     final g; t before p
  3. penultimate long preliminary syllable of c before
     v

(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 ₹
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 ₹
2. c before t
3. n, with long preliminary syllable, following p
4. th before t prior to kh
5. th before short ₹ prior to t
6. ph, not preceded by k, before final ₹
7. ṇ before final ₹ and preceded by pl or ₹-pl
8. medial short ₹
9. final short ₹ after c or ṇ
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 š, without preliminary long syllables, prior to k or ph; kh before final short š; kh, with two or more preliminary long syllables, before pl or before augmented š, 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 š, 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 š; 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 š; t before kh not on the stobha au ho ba or represented by 32345; 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 \(\emptyset\), without preliminary long syllables, prior to \(k\) or \(ph\); final \(t\) or \(t\) before final \(\emptyset\), if \(t\) does not precede; \(t\) before \(t\)

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

1. \(4a3b++4c\)
2. \(la+c2a++4a4c\)
3. \(1b3f4a3b+4c\)
4. \(ld1a++++6d+5b3b+4c\)
5. \(1a++2a+1b3f4a3b+4c(1-3)\)

1. \(k\) before final \(t\)
2. \(k\) before \(t\) prior to \(t\), \(t\) not on a stobha
3. \(th\) before \(t\) prior to \(kh-n\)
4. final long preliminary syllable of the following: \(p\) before \(kh\), medial \(pl\), \(tr\), or \(\emptyset\)

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

1. \(3e3b++4d\)
2. \(1a++4c+3dlb3a\)
3. \(la++2a2a3b++4c+4d(1-3)\)
4. \(la++2a2a2a++4c++3dlb3a(1-2)\)

1. \(k\) before \(th\)

(14) \(la6a3a\)

1. \(pl\), on the stobhas \(au\) ho bā and ehiyā, before final \(\emptyset\)
(15) \( la++++2a++3d1b \)

1. \( \text{th} \) before final \( c \)
2. \( \text{th} \) before \( t \) prior to \( t \) (with \( \text{ādisvara?} \))
3. \( \text{th} \) before short \( \& \) prior to \( k \) (with \( \text{ādisvara?} \))

(16) \( la++2a++4c7c \)

1. final preliminary long syllable of \( y \) before final \( t \) on two or more textual syllables

(17) \( la4c+4c3d \)

- \( la++4c4c3d \)
- \( la4c7c \)
- \( la++1b3b+3b3d \)
- \( la++2a+4c7c \)
- \( la++4c7c \)
- \( la4c3b3d \)
- \( 2e4a3b+3b3d \)
- \( la+++2a++4c+3b3d+ \)
- \( la++++6d+3e3b++4c3b3d \)
- \( la+++2a2a2a3b++4c+6c \)
- \( 2a+++2a+4c++4c+3b2e \)
- \( la+++2a2a2a+4c+4c+3b2e \)
- \( la5b3b7c \)
- \( 2a++++++2a+5b3b7c \)
- \( la5b3b3b3d \)
- \( le1+a+++6d+5b3b+3b3d \)
- \( la4c4a3b \)
- \( la+++2a2a2a+4c++4c4a3b \)
- \( la++4c+4c3b3d \)
- \( la++4c+4c4a3b \)
1. k before k, ph, y, t-t, or th-c
2. k before c prior to t, th, y, or š
3. k before t prior to kh, c, t, p, kh-n, or t-c
4. k before t prior to t when t has the adisvara
5. k before p, except p prior to pl pl
6. final c
7. c before kh, medial th, y, k-c, t-c, th-c, or p-v
8. c before c prior to y or š
9. c, on the first textual syllable of a vacana, before t
10. t before k, c, t, p, y, or t-c
11. final th
12. th before c prior to k
13. th before t prior to p
14. th before p
15. th before t-t
16. y before t prior to t, kh-n, or t-c
17. y before final t on two or more textual syllables
18. final long š after c
19. medial long š after t
20. k-th before t prior to t
21. final long preliminary syllable of the following:
   p before n prior to š; t-t before kh

(18) 1a4c3d+3d++
     1a4c3d+4c++
     1a2e4a3b3d++5b3b+
la2e+6a+3b++3d++5b+3b+

1. non-final ph preliminary augmented syllable
2. medial long $\hat{a}$ after $c$

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

1. $k$-th followed by $t$ prior to $kh-n$

(20) 2e++4c5a5c

1. $k$ before final $c$

(21) la+++3b++4c++4c

1. $th$ before $t$ prior to $t$

(22) la2e4a3b++8b(1-2)

1. final long preliminary syllable of final $t$

or of $t$ before final $\hat{a}$

(23) la2e4a3b++4c

1. $t$ before final $kh$ represented by $\frac{3l}{2345}$

(24) la+4c3d+4c+4c

1. $y$ before $p$

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

1. $t$ before $kh$ on the stobha au ho ba

(26) la+++2a2a3b+4c++

2d2a++2a2a2a3b3e3b+
1. n after kh and before final ℰ
2. final n after kh
3. n, without a long preliminary syllable, after p and either final or before final ℰ
4. tr (all appearances)

(27) 1a+++++++2b2b2b2a(1)
   1a+++++2b2b2b1d
   1. n before ph or n-ph
   2. preliminary augmented syllable of ℰ, when notated on the stobha ḍhāvi

(28) 1a+++++++2c2a2a2b
   2e+++++2a2a2a2b
   1. final augmented pl
   2. augmented ℰ after pl
   3. augmented ℰ, when it is the only symbol in a vacana
   4. final augmented ℰ, with one or more preliminary long syllables, after kh or p

(29) 1a+++++++2b2b2b3b
   1. augmented ℰ, without preliminary long syllables, after kh (ℰ before k, ph, and tr excepted)
   2. ℰ-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) 1c1a+++++2a2a2a3b+
   1a+2a2a3b+
   1. th before c prior to th
   2. preliminary augmented syllable of final short pl

(33) 1a+++++6b1b3b+3b3d
   1. t-c before k prior to p

(34) 1a+++++5b3b3d+3b3d+
   1. ph before kh prior to n
   2. ph before final $, when k precedes

(35) 1a2b2b2a3a++1a2a++
   1. $-pl before n

(36) 1a+4c4a3b4a3b3d
   1a3e3b4a3b4a3b3d
   1. y before k prior to k
   2. y before t prior to k or t

(37) 1a4a3b++1b3b3b3d+
   1. y followed by final t on two or more textual syllables

(38) 1b1a3d++5b3b3d+4c++
   3b(2-3)3d++5b3b3d+4c+++
   1. final k

(39) 1b5a3d+5b3b3d+4c++
   1. final t
   2. t before final $ or before t-t
   3. final bh

(40) 1a2e4a3b+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 32345
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. x 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*

\(1a^{+++}2b2b3b+5b3b3d+c^+\)
\(1a^{+++}4a3b+5b3b3d+c\)

1. final preliminary long syllable of *kh* before augmented \(\hat{s}\), without preliminary long syllables, prior to *pl* or *tr*

\(1a^{+++}2a2a2a3b^+++3a++3d+++\)
\(1c2a^{+++}2a2a2a4b^+++3a++3d+++\)

1. *ph* before *kh* prior to \(\hat{s}\)
2. *ph* before *n*, *t*, or medial *pl*
3. *pl* before medial *pl*

\(1b5a3d+3d3d3b+4c4a\)

1. *t* before *c*

\(1a4c3d3d++2a2a3b+4c+\)
\(1a4c3d+2a2a3b+3e3b\)

1. augmented \(\hat{s}\), without preliminary long syllables, between *kh* and *k* or between *kh* and *ph*
2. augmented \(\hat{s}\), without preliminary long syllables, after *p*

\(1a+4c3d++3d+5b3b3b3d\)
\(1a+4c3d++3d3b++4c5a\)
\(1b5a3d++3d+4c+4c3b2e1b\)

1. *t* before *k*, *t*, or *p*

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

1. *t-t* before *kh*

\(1a2e3d+4c4a3b3d+4c+1c\)
\(1a^{+++}4a2a++4c4a3b3d+4c1c\)
1el1++2b2b3b+4c4a3b3d++4c3c

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

(53) 1a2e3d+4c4a3b3d+4c4c

1. kh before augmented §, without preliminary long syllables, prior to k or ph
2. p before final ph
3. p before § 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 §
(58) $1a++4c2e3d+3e4a3b3b3d+$
   1. $k-c$ before $e$

(59) $1a++2a++6b3d+1b3f4a3b+1b$
   1. $t$ before $bh$

(60) $lcla++4e4a3b3d++3d+3e3b3d+$
   1. $t$ before medial $§$

(61) $1a2e4a3b3d++6b2e3d++4a3a$
   $1a2e4a3b3d++8b3d++2b2b3a$
   $1a+3e3b+4c3d+8b3d+++2b2b2a3a$
   $1a+3e3b+4c3d+8b3d+2a2a3b+3a3a+$
   1. $kh$ before $n$
   2. $p$ before $n$ or final $pl$
   3. $p$ before $§$ with one or more preliminary long syllables

(62) $1a++4c3d+6b2e3d++++2a2a2a2b$
   $1a3d++4c3d+8b3d++++2a2a2a2b$
   $1a3d++4c3d+8b3d++++2c2a2a2b$
   $lcla++++6a2a+++1b3b3d++6b2e3d++++++6d2b$
   1. $kh$ before final short or augmented $§$ with one or more preliminary long syllables
   2. final $kh$

(63) $1a++4c3d+6b2e3d++++2b2b2b3b$
   $1a3d++4c3d+8b3d++++6a3b$
   $1a3d++4c3d+8b3d++++2b2b2b3a$
   $1a3d++4c3d+8b3d++++2b2b2b2a$
   $1a3d++4c3d+6b2e3d+++4e3b$
la+++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 ū-pl
3. kh before augmented ū, without preliminary long syllables, prior to tr
4. kh before final short ū without preliminary long syllables
5. p before kh, c, t, medial ph, medial pl, tr, or ū-pl

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

1. p-v before p

(65) 1b5a3d+4c+3d3d3b++4c4a3b(1-2)
8b(3-8)3d+4c+3d3d+2e++4c4a2a(1)

1. t-c before v or k-c

(66) 2e+3d++3d3d+2h4a3b+4c+3b3d+
1bla+3d++3d3d+2h4a3b+4c+3b3d+

1. k-c before k

(67) la+3d++3d3d+2e4a3b+4c3b3d+
la+3d++3d3d+2h4a3b+2e1b4a(l)

1. th-c before k or c

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

1. pl before final pl
2. pl before final ū (excluding pl on the stobhas au ho bā and ehiyā)
(69) \(1a+++++2c2a2a+4a5a1b+3b++6b3d\)

1. \(\eta\) after \(kh\) and before \(t\)

(70) \(2e4a3b3d+8b3d++2a2a3b3e3b++\)
\(2e4a3b3d+6b2e3d++4e3b4c++\)
\(l1a++++4a3b3e3b3d++8b3d++4e3b+3e3b++\)
\(l1d1a++++6a2a1b3b3d++6b2e3d+++++2a2a3b+1b3b++\)

1. \(kh-n\) (all appearances)

(71) \(1b5a3d+3d+3d+2h4a3b+++4c2e1b\)
\(8b(3-8)3d+3d3d+2e4a3b++3d5c(1-2)\)
\(8b(3-8)3d+3d3d+2h4a3b+5b(1-2)\)
\(6b3d++3d+3d+1b4a3b+4c3d++\)
\(1b5a3d++3d+3d++4c++3b2e\)
\(1b4a3d+3d3d+2e4a3b++2e2e\)

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

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 \(\text{\textit{adisvara}}\)

(73) \(1d1a++++2a2a3b++2a++++2a2a2a3b+++4c4c+\)
\(1a++2a+2a3b+2a+4e3b+2b3b\)

1. \(\eta-ph\) (all appearances)

(74) \(1a+++2a2a4a3b3d+3d3d+2h4a3b+4c7c\)
\(1a++3e3b+3d+4c3d++3d++1f1b4a+3b++4c++\)
\(l1e1a++2a2a4a3b3d+3d2h4a3b+5b(1-3)\)

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 § (and also final th-c?)

(77) \[ 1a++4e4a3b3d++4c3d++10b3d+1b4a3b+3b3d++ \]
    1. final t-c

(78) \[ 1a+4c3d++4c3d+++7b5alb3b3d+3d3d+2e4a3b++4c \]
    1. t-t before c

(79) \[ le1a+++++++2b2b2b3b++3d3d3d7b6a3b3d+8b3d+++++++2a2a2a2b \]
    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 gāvatra-sāman (the prājāpatyāṃ gāvram and the bodiless gāvratram).

A. § before t-c: 2a++2b2b2a++15a

B. §-c final in the vacana: 1a++3e5a3e3b+++4c2e3d+++ 

C. §-t before t: 1d1a+++6a2a++4c2e5b3b5b3b2e2e3d+4c4c++4c6a2a(1)