

Deterrorizing Sanskrit

Third-class verbs

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Weak and strong forms

Parasmaipada

Atmanepada

p r e s e n t t e n s e

sing. dual plural

sing. dual plural

1
2
3

1
2
3

i m p e r f e c t

sing. dual plural

sing. dual plural

1
2
3

1
2
3

i m p e r a t i v e

sing. dual plural

sing. dual plural

1
2
3

1
2
3

Endings parasmâipada

thematic verbs				athematic verbs			
parasmâipada				parasmâipada			
present tense (primary endings)				present tense (primary endings)			
	sing.	dual	plur.		sing.	dual	plur.
1	<i>mi</i>	<i>vas</i>	<i>mas</i>	1	<i>mi</i>	<i>vas</i>	<i>mas</i>
2	<i>si</i>	<i>thas</i>	<i>tha</i>	2	<i>si</i>	<i>thas</i>	<i>tha</i>
3	<i>ti</i>	<i>tas</i>	<i>n-ti</i>	3	<i>ti</i>	<i>tas</i>	<i>(a)n-ti</i> (2)
imperfect (secondary endings)				imperfect (secondary endings)			
1	<i>m</i>	<i>va</i>	<i>ma</i>	1	<i>am</i> (1)	<i>va</i>	<i>ma</i>
2	<i>s</i>	<i>tam</i>	<i>ta</i>	2	<i>s</i>	<i>tam</i>	<i>ta</i>
3	<i>t</i>	<i>tām</i>	<i>n</i>	3	<i>t</i>	<i>tām</i>	<i>(a)n</i> (2) / <i>us</i> (3)

✓ <i>bhr̥</i>			
parasmâipada			
present tense			
	sing.	dual	plur.
1	bi-bhar-mi	<i>bi-bhr̥-vas</i>	<i>bi-bhr̥-mas</i>
2	bi-bhar-ṣi	<i>bi-bhr̥-thas</i>	<i>bi-bhr̥-tha</i>
3	bi-bhar-ti	<i>bi-bhr̥-tas</i>	<i>bi-bhr̥-a-ti</i> (2)
imperfect			
1	a-bi-bhar-a-m	<i>a-bi-bhr̥-va</i>	<i>a-bi-bhr̥-ma</i>
2	a-bi-bhar (3)	<i>a-bi-bhr̥-tam</i>	<i>a-bi-bhr̥-ta</i>
3	a-bi-bhar (3)	<i>a-bi-bhr̥-tām</i>	a-bi-bhar-us (1)

① *us* possibly from reduplicative (!) perfect

② No borrowing of thematic vowel *a*

ie. root *bhiH*

Thus,

	√ <i>bhr̥</i> ("to support")	√ <i>bhī</i> ("to be afraid")
zero gr.	<i>bhr̥</i> / <i>bhr</i> before <i>C/V</i>	ie. <i>iH</i> → oi. <i>ī/y</i> before <i>C/V</i>
full gr.	<i>bhar</i>	ie. <i>eiH</i> → oi. <i>ê/ay</i> before <i>C/V</i>

✓ <i>bhī</i>			
parasmâipada			
present tense			
	sing.	dual	plur.
1	bi-bhê-mi	<i>bi-bhī-vas</i> (4)	<i>bi-bhī-mas</i> (4)
2	bi-bhê-ṣi (2)	<i>bi-bhī-thas</i> (4)	<i>bi-bhī-tha</i> (4)
3	bi-bhê-ti (1)	<i>bi-bhī-tas</i> (4)	<i>bi-bhy-a-ti</i> (5)
imperfect			
1	a-bi-bhay-a-m (3)	<i>a-bi-bhī-va</i> (4)	<i>a-bi-bhī-ma</i> (4)
2	a-bi-bhê-s (2, 7)	<i>a-bi-bhī-tam</i> (4)	<i>a-bi-bhī-ta</i> (4)
3	a-bi-bhê-t (7)	<i>a-bi-bhī-tām</i> (4)	a-bi-bhay-us (6)

* $\underbrace{\acute{g}^h u}$ - $\underbrace{\acute{g}^h eu}$ - $\underbrace{ti}$
 reduplication root ending
 syllable in full grade (3. pers. sg.)

- $\acute{g}u\text{-}\acute{g}^h\hat{o}\text{-}ti$ (Grassmann's law)
 → $ju\text{-}h\hat{o}\text{-}ti$ (primary palatalization)

√ <i>hu</i> (“sacrifice”)			
parasmâipada			
present tense			
	sing.	dual	plur.
1	ju-hô-mi	<i>ju-hu-vas</i> (4)	<i>ju-hu-mas</i> (4)
2	ju-hô-ṣi (2)	<i>ju-hu-thas</i> (4)	<i>ju-hu-tha</i> (4)
3	ju-hô-ti (1)	<i>ju-hu-tas</i> (4)	<i>ju-hv-a-ti</i> (5)
imperfect			
1	a-ju-hav-a-m (3)	<i>a-ju-hu-va</i> (4)	<i>a-ju-hu-ma</i> (4)
2	a-ju-hô-s (2, 7)	<i>a-ju-hu-tam</i> (4)	<i>a-ju-hu-ta</i> (4)
3	a-ju-hô-t (7)	<i>a-ju-hu-tām</i> (4)	a-ju-hav-us (6)

√ <i>dā</i>			
parasmâipada			
present tense			
	sing.	dual	plur.
1	da-dā-mi	<i>da-d-vas</i> (3)	<i>da-d-mas</i> (3)
2	da-dā-si	<i>da-t-thas</i> (7)	<i>da-t-tha</i> (7)
3	da-dā-ti (1)	<i>da-t-tas</i> (7)	<i>da-d-a-ti</i> (5)

ie. **deH₃* → *dā*

3. *da-d-mas* ← *de-dH₃-mas* or by analogy from *tan-mas*

5. *da-d-a-ti* (no *a* borrowed from thematic conjugation)

7. expected backward assimilation of *d-t* → *t-t*

√ <i>dā</i>			
parasmâipada			
imperative			
1	da-dā-ni	da-dā-va	da-dā-ma
2	<i>dê-hi</i> (4)	<i>da-t-tam</i>	<i>da-t-ta</i>
3	da-dā-tu (1)	<i>da-t-tām</i>	<i>da-d-a-tu</i>

ie. **da-dH₃-dhi*

- *da-dzdhi* (Indo-Iranian emergence of *z*)
- *da-zdhi* (loss of cluster-initial *d*)
- *dê-dhi* (compensatory lengthening before consonant + *i*)

Finally, analogy from other imperatives with *hi*