

The Philosophical Problem of the Grammatical Gender of Terms such as 'puruṣaḥ', 'citiḥ' and 'caitanyam', as well as the Gender of Terms Denoting Non-Existent Things

Sibylle Koch*

Abstract: The Sanskrit grammarians' theory of grammatical gender is mentioned for the first time in verses that form part of the *Mahābhāṣya* (composed *circa* 150 BCE). This theory would seem to implicate the three grammatical genders in a broader theory regarding the transformation of matter

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https://orcid.org/0000-0002-2735-7873. I would like to thank the organisers of the 12th International Indology Graduate Research Symposium (IIGRS) for inviting me to give a presentation and for editing the proceedings. I thank Diwakar Acharya and James Benson for their insightful comments on a draft of this article. I would also like to acknowledge the perceptive editorial work of Dominik A. Haas who was the editor responsible for my article, as well as the excellent suggestions of the anonymous reviewer. Jane Clark and Rob Williams have kindly helped me with my English and have given me useful advice regarding how to make this article as readable as possible to specialists of other fields. Of course, any remaining mistakes are mine alone. My research at the time of the conference as well as the writing period of this article was funded by the Swiss National Science Foundation. I would like to thank them for their generous support. I use my own translations of the Sanskrit sources that I discuss in this article, unless indicated otherwise. However, in the case of Bhartrhari's verses, I also provide Subramania Iyer's existing translations in the footnotes. Due to the limited scope and word count of this article, I will only occasionally refer to Helārāja's commentary. Since this article is about gender, I mention Sanskrit terms in the nominative, except for names of authors and texts which I cite in their stem form.

and, as such, is therefore readily applicable to all words referring to concrete objects, be they animate or inanimate. Its application to words referring to abstract things, however, is harder to construe: a small number of terms that refer to the 'ultimate reality' or 'consciousness', for example 'purusah', 'citih' and 'caitanyam', pose a particular problem in this regard. Here, the separate philosophical assertion that the 'ultimate reality' is permanent and does not undergo change stands in conflict with the grammatically gendered words (implicated, therefore, in 'transformation') used to refer to it. Non-existent things, such as the 'hare's horn' (śaśaśrngah), which may also be expressed with terms in different genders, are likewise problematic in this way. In this article, I shall seek to explore these problems more fully before then presenting some solutions as posited by the grammarians themselves. I will start by outlining the grammarians' theory of grammatical gender and shall then evaluate the solutions relevant sources offer as to why it may be justified for terms such as 'purusah' etc., as well as 'sasaśrngah', to also take a grammatical gender. Finally, I will consider how Bhartrhari (fl. circa 5th century CE) comes up with an elegant solution to this problem by resorting to a theory of the Sāmkhya and Yoga systems of thought.

Keywords: Sanskrit, Philosophy of language, Bhartrhari's Vākyapadīya, Patañjali's Mahābhāṣya, Sāmkhya/Yoga

Introduction

In this article I investigate the philosophical problem presented for the traditional Sanskrit grammarians by the grammatical gender of terms referring to the 'ultimate reality' - terms such as 'purusah' (masculine), 'citih' (feminine) and 'caitanyam' (neuter). There are of course other words we could also add to these three, for example 'atma' or 'brahma'. Bhartrhari (fl. circa 5th century CE1) - a Sanskrit grammarian of the Pāninian tradition whose work I will discuss in this article - considers all these terms to be synonyms;2 we can therefore say that, for him,

¹ Coward and Kunjunni Raja 1990, 121. The 5th century is widely accepted as the approximate date of Bhartrhari. Sankaranarayanan and Kazanas, however, believe that Bhartrhari lived around 300 CE (Sankaranarayanan 2006, 306; Kazanas 2007, 15-16).

This is at least the case within the framework of his gender discourse. But, of course, in a different context, for example in the opening verses of the



'purusah', 'citih' and 'caitanyam' are just different names, or 'verbal handles', for what we may call the 'ultimate reality'.3

Throughout the history of philosophy, different systems of thought have had different conceptions of the 'ultimate reality'. The first person within the early Sanskrit grammatical tradition to discuss this topic, at least implicitly, is Patañjali (fl. 2nd century BCE4). It seems that for him, $v\bar{a}k$ - divine speech - is such an 'ultimate reality'. Patañjali belongs to the Vedic tradition in which Rgvedic poets associate $v\bar{a}k$ with brahma and the Upanisads speculate about ātmā or brahma, a hidden reality behind perceptible reality; a supreme reality or truth.6 This is, ultimately, a monist world view: the ātmā or brahma is one, indivisible and all-pervasive. Bhartrhari, by comparison, sets out at the beginning of his Vākyapadīya that for him, the brahma is the 'highest reality'. There is nothing but brahma; it is one and indivisible and, for Bhartrhari, the Veda is a means for reaching the *brahma*.⁷

However, as Bhartrhari also points out, Vedic speculations do in fact provide support for dualist, as well as monist or non-dualist, systems.8

Vākyapadīya, which are essential to the understanding of Bhartrhari's thought, his preferred term to refer to the 'ultimate reality' is 'brahma'.

³ I borrow the term 'verbal handle' from Diwakar Acharya. It is his translation of the term 'vācārambhaṇam'. See Acharya 2016. See also Olivelle 1996, 149–50.

Cardona 1976, 263 sq.

See, for example, Coward and Kunjunni Raja, p. 44–45.

These terms are polyvalent and have a history in Vedic texts before the Upanisads. Both 'ātmā' and 'brahma' are attested from the Rgveda. EWA, s.v. ātmán- notes 'Hauch', 'Seele', 'Selbst' (cf. KEWA 'breath', 'soul', 'self') and EWA s.v. bráhman- 'Formung', 'Gestaltung', 'Formulierung (der Wahrheit)' (KEWA does not include any English renderings, but the EWA entries may be rendered by 'shaping', 'composition', 'formulation (of the truth)'). For more meanings, including examples, see PW 1, 621 and 5, 135. The development of the term 'ātmā' is perhaps particularly interesting. Acharya (2013) has shown that it made its way into the Brhadāranyakopanisad to replace the term 'purusah' which is associated with the brahma. This passage (BĀU II.2.23), however, as Acharya argues, must be considered a later addition.

⁷ VP 1.1-5. See below. Part 2.

⁸ VP 1.8: tasyārthavādarūpāņi niśritāḥ svavikalpajāḥ / ekatvināṃ dvaitināṃ ca pravādā bahudhāgatāḥ // Trans. Subramania Iyer 1965, 11: "Based on the explanatory comments and similar passages, conflicting views have been set forth by



In a non-dual system, since ātmā or brahma is all-pervasive, it is present in any form of being, even in pots, clothes etc. In a dualist system, by contrast, it stands distinct from perceptible, empirical reality.

It is specifically the dualist systems of early Sāmkhya and Yoga that appear to have influenced both Bhartrhari's, and possibly also Patañjali's, discourses on gender.9 In the dualist Sāmkhya and Yoga, there is, on the one hand, the 'empirical reality' or 'primary substance', prakṛtiḥ, and, on the other hand, purusah, the 'ultimate reality'. The former is made of the three 'constituent or essential qualities', namely sattvam ('having brightness as its characteristic'), rajah ('having action as its characteristic') and tamah ('having stasis as its characteristic'). 10 Because of the presence of

the exponents of Monism and Dualism according to their own taste." For other translations, see Biardeau 1964, 37; Rau 2002, 6.

As to Patañjali, we do not find much evidence in the Mahābhāṣya that would help us to determine which early form of Sāmkhya and Yoga he may have been familiar with. The traditional view, with Bhartrhari in the first instance, is that there is no contradiction between Patañjali's explanation of the grammarians' 'own theory' of gender (which I will briefly discuss in Part 1) and the worldviews of Sāmkhya and Yoga. Nāgeśa associates Patañjali, the grammarian, with Patañjali, the ācāryaḥ of the seśvarasāmkhyaḥ, the 'Sāmkhya with God', i.e. Yoga. As to Bhartrhari, it is not clear whether he knows Īśvarakrsna's Sāṃkhyakārikā in the form handed down to us, which, according to Potter and Larson (cf. Larson and Bhattacharva 1987, 149), should be dated to 350-450 CE but, according to Frauwallner (1992, 95), to 450-500 CE. However, Bhartrhari may have known Sāmkhya texts that are now lost, such as the Şaştitantra. On the latter, see, among others, Schrader 1914; Larson 1979, 135-38; Larson and Bhattacharya 1987, 124-28. Later commentators, for example Helārāja (fl. 10th or 11th century CE) – one of the commentators of Bhartrhari's *Vākyapadīya* – even clearly state that the gender theory as it is described in the Mahābhāṣya is also accepted in the Sāmkhya system. Cf. Helārāja ad VP 3.13.27 (ed. Subramania Iyer 1973, p. 145, l. 7). Modern scholars have discussed whether Patañjali was familiar with Sāmkhya and Vaiśesika, for instance in the framework of research concerning Patañjali's notion of substance. Wezler (1985) analyses Patañjali's "guṇasaṃdrāvo dravyam" and possible affiliation with Sāmkhya in detail. For a more general account, see Halbfass 1992, 90-91.

¹⁰ I borrow all these glosses from the author of the Yogasūtrabhāṣya under YS 2.18: prakāśaśīlam sattvam / kriyāśīlam rajah / sthitiśīlam tama iti / However, Simonsson's (1970, 193) observations are worth citing here: "If we confine ourselves to the physical world, we can say that sattva is the principle of that which is bright and light, tamas of that which is dark and heavy, and rajas is the principle of



rajah, there is always activity in everything. The purusah, in contrast to prakrtih, is one, inactive and does not change; it is the 'enjoyer' or the 'experiencer' of *prakrtih*. In the *Sāmkhyakārikā* we find the beautiful analogy of *purusah* being the spectator of the performance of *prakrtih* on stage, like in a theatre. 11 Another important distinction that we will see in one of Bhartrhari's verses is 'conscious' and 'unconscious': purusah is 'conscious' (cetana), prakṛtiḥ is 'unconscious' (acetana). 12

Putting to one side the complexities arising from these dualist approaches to construing the 'ultimate reality' and its opposite, the common feature that different Sanskrit traditions attribute to the 'ultimate reality' of both monist and dualist systems is 'permanence': purusah, ātmā etc. are always 'permanent', 'eternal' (nitya) and, crucially for our purposes, do not transform.¹³ However, the meaning of grammatical gender is, according to the early Sanskrit grammarians, 'coming forth' (pravrttih), that is to say, 'transformation'. In this view, each of the three grammatical genders reveals a different form of transformation in the designated object. The three transformations are: 'increase', associated with the masculine gender; 'decrease', associated with the feminine gender; and 'continuous existence', associated with the neuter gender. So, the question arises: if gender entails transformation, how is it possible that terms expressing the 'ultimate reality', which does not change, can also have gender?

A similar philosophical problem arises for the grammarians in the case of terms denoting things which do not, or cannot, exist in perceptible reality. The Sanskrit tradition often uses the 'hare's horn', śaśaśṛṅgaḥ,

movement. On the psychical plane: sattva - serenity, knowledge, tamas - dullness, sluggishness, rajas - unrest, passion. The constituents always appear together, they can never be entirely isolated, but a powerful preponderance of the one or the other is possible in a given situation."

¹¹ SK 59: raṅgasya darśayitvā nivartate nartakī yathā nṛtyāt / puruṣasya tathātmānam prakāśya vinivartate prakrtih // Trans. Simonsson 1970, 190: "Just as the dancing-girl after having given her performance in front of the audience retires from the dance, thus *Prakrti* retires after having shown herself to *Purusa*."

¹² We see this distinction, for example, in verse VP 3.14.326 (ed. Rau) which I discuss below on p. 84.

¹³ There is, however, the Sanskrit tradition of the Jains, who consider that the caitanyam also transforms. See, for example, Qvarnström 2012.



as a prime example of these, but many others are mentioned too, including 'mirage' (mrgatrsnā), 'sky-flower' (khapuspam), the 'barren woman's son' (vandhyāputrah) etc. The hare's horn and all these other mental constructs may be named, but it is accepted widely that they do not exist. So, again, there is a question: how can something that does not exist transform?

In Part 1, I give a short overview of the early grammarians' theory of gender. 14 Although this theory remains quite obscure, we can at least see briefly the most important terms and notions Patañjali uses in his discussion of the topic in the Mahābhāṣya. These are crucial to the understanding of the problem concerning the grammatical gender of terms such as 'puruṣaḥ', 'citiḥ' and 'caitanyam'. I shall then analyse how the same discussion is taken up more than five centuries later by Bhartrhari in his *Vākyapadīya*.

In Part 2, I present the explanation and solutions Bhartrhari provides concerning the specific philosophical problem as to why 'purusah', 'citih' and 'caitanyam' can also have gender. I shall analyse a series of verses of the Vṛttisamuddeśa. The Vṛttisamuddeśa is an extensive chapter in the third part of the Vākyapadīya in which Bhartrhari treats many different grammatical topics, gender being only one of them.¹⁵ I will show that Bhartrhari draws on Sāmkhya and Yoga theory to resolve the problem concerning terms such as 'purusah' etc. Furthermore, I will argue that Bhartrhari's verses read as an insightful commentary of Patañjali's gender discourse and add an ingenious solution to this problem.

In conclusion, I briefly comment on Bhartrhari's reception of Patañjali's gender discourse, as well as the wider implications of the grammarians' doctrine. I suggest that the two major implications are the incompleteness of the word and the ineffability of the real 'ultimate reality'.

¹⁴ I will include a comprehensive discussion in my thesis. In my forthcoming article "The Neuter Gender in Words and Things: Patañjali and Bhartrhari on its Doctrinal, Semantic and Ontological Aspects", I also include a more detailed analysis since this is necessary for the reader to understand the discussion of the neuter by these two authors.

¹⁵ For a general study of the *Vṛttisamuddeśa*, see Chaturvedi 2001.

Short outline of the grammarians' theory of gender

The first gender theory develops possibly in the time period between Pāṇini's Aṣṭādhyāyī (circa 500 BCE¹⁶) and Patañjali's Mahābhāṣya (2nd century BCE¹⁷). However, our only witness of it is Patañjali's Mahābhāṣya itself, where Patañjali quotes the theory in the form of a ślokavārttikam under the Pāṇinian rules sarūpāṇām ekaśeṣa ekavibhaktau (A 1.2.64) and striyām (A 4.1.3).¹¹³ Whilst several modern scholars have studied rule A 1.2.64 along with parts of the commentary it has received by Kātyāyana (fl. circa 3nd century BCE¹¹), the vārttikakāra, and subsequent explanations by Patañjali, rule A 4.1.3 has attracted less scholarly attention.²¹٥ In Kātyāyana's extensive comments on A 1.2.64, in which he raises complex

¹⁶ See, for example, Deshpande 1979, 3; Jamison and Witzel 1992, 2; Cardona 1997, 1. Von Hinüber and Bronkhorst following von Hinüber, however, advocate for a date around 350 BCE (v. Hinüber 1990, 34; Bronkhorst 2007, 177). Von Hinüber assumes that there is evidence of coinage in the *Aṣṭādhyāyī*. In response, Cardona (2013, 152–77) shows that the relevant terms do not refer to coins, and therefore cannot be used as evidence for von Hinüber's dating. Cardona concludes – based on other evidence – that Pāṇini may have lived as early as 500 BCE and no later than 350 BCE (ibid., 167).

¹⁷ Cardona 1976, 263 sq.

¹⁸ M I, 245, 24 and M II, 197, 27. As to the term '*ślokavārttikam*', it is worth noting, however, that Patañjali himself does not use this term. Moreover, traditional scholars, for example Helārāja, tend to make no clear distinction between these *vārttika*-like statements and Patañjali's own commentary. After having quoted a *ślokavārttikam*, Helārāja adds, for example, "*iti bhāṣye varṇitam*". Cf. Helārāja *ad* VP 3.13.1–2 (ed. Subramania Iyer 1973, p. 132, l. 12).

¹⁹ Cardona 1976, 267. Other scholars, for example Deshpande and Scharfe have suggested different dates. According to Deshpande (1979, 7; 1993, 17), Kātyāyana composed his work around 300 BCE. Scharfe (1977, 138) suggests a date after 250 BCE.

²⁰ For translations of rule A 1.2.64, see, for example, Böhtlingk 1887, 19; Katre 1987, 48; Renou 1966, vol. 1, 38. The *Mahābhāṣya* under A 1.2.64 has been translated into English by Scharf (1996), into German by Strauss (1927b), and into French, including Kaiyaṭaʾs and Nāgeśaʾs commentaries, by Filliozat (1980). As to rule A 4.1.3, for translation see, for example, Böhtlingk 1887, 149; Katre 1989, 355; Renou 1966, vol. 1, 282. Strauss (1927a) has also translated the *Mahābhāṣya* under A 4.1.3 into German; and Feronʾs unpublished French translation also includes the commentaries by Kaiyaṭa and Nāgeśa.



issues, he mentions the important controversy between Vajapyayana and Vyādi as to whether words denote the 'generic form' (ākrtih) or the 'individual substance' (dravyam).²¹ Subsequently, Kātyāyana also brings up the question of gender.²² Patañjali comments on Kātyāyana's statement and introduces the quotations in verse form containing the grammarians' theory of gender. These verses have not yet been attributed to any author. Kielhorn, who developed criteria to identify quotations within Patañjali's *Mahābhāsya*, does not attribute them to Kātyāyana.²³

The general contexts in which Patanjali mentions the grammarians' 'own theory' of gender under the two rules – sarūpānām ekasesa ekavibhaktau (A 1.2.64) and striyām (A 4.1.3) – are different. Yet in both places he states that the grammarians cannot accept the 'laukikam lingam'.24 This phrase literally means 'worldly gender', but it may also be paraphrased as the 'common understanding of gender'. In his introductory remarks under the rule A 4.1.3, Patañjali quotes a verse which formulates a 'common understanding of gender': we recognise a female being on the basis of characteristic signs, such as female breasts and hair; a male due to characteristic signs such as male body hair; and a being whose characteristic signs are neither those of the male or the female we recognise as being neuter.²⁵ Such a description of the genders might be valid in the world, but Patañjali says that it does not work in grammar.

²¹ M 1, 242, 10 (vt. 35) and M 1, 244, 8 (vt. 45). For a more detailed discussion, see, for example, Matilal 1971, 106-09; Matilal 2005, 76-79 and 82-89.

²² M 1, 245, 6.

²³ For Kielhorn's most extensive study of the quotations within Patañjali's Mahābhāṣya, see Kielhorn 1876. Additional studies are, for example, Kielhorn 1886a and 1886b.

²⁴ M I, 245, 21-22; M II, 197, 25: tasmān na vaiyākaranaih śakyam laukikam lingam

²⁵ M II, 196, 4-5: stanakeśavatī strī syāl lomaśah puruṣah smṛtah / ubhayor antaram yac ca tadabhāve napuṃsakam // "The being characterised by breasts and long head hair is feminine, the being characterised by abundant body hair is known as masculine; and the being similar to both [i.e., in terms of being characterised by signs], provided that there is absence of 'that' [i.e., both feminine and masculine signs], is [known as] napumsakam." The suffix called matUP (-vat, -mat) indicates a relation: y related to x, y pertaining to x, y in or on x. Moreover, depending on the context, the grammarians consider that this suffix has additional nuances of meaning. Patañjali quotes a verse that enumerates seven



In the long and complex discussion of rule A 1.2.64, Patañjali arrives by a different way at the conclusion that the grammarians cannot accept the 'common understanding of gender'. The broader framework of this discussion is his detailed examination of the two views mentioned above: words denote either 1) the 'generic form' (ākrtih); or 2) the 'individual substance' (dravyam). Patañjali examines the first view regarding its compatibility with the fact that words have gender and number. As to their gender, he states that a class preserves its gender. This means that a term denoting a certain class does not change gender – its gender is fixed. Most terms referring to a class have only one gender while individuals belonging to that class may have different natural genders.²⁶ The grammatical gender might even be in contradiction with the natural gender of the individuals. Patañjali then states that, therefore, the grammarians cannot accept the 'common understanding of gender'.

In order to corroborate this conclusion, Patañjali now quotes a statement that outlines the grammarians' 'own theory' of gender.

M I, 245, 24 (ślokavārttikam) samstyānaprasavau lingam āstheyau²⁷

Samstyānam (coagulation) and prasavah (setting in motion) should be acknowledged as [the meaning of grammatical] gender.

such meanings in his commentary under the rule A 5.2.94 (M II, 393, 15–16). In the examples such as breasts and hair, the *matUP* suffix may be associated with bhūmā, 'abundance', and atiśayaḥ, 'pre-eminence'. A similar idea is expressed by lomasah containing the suffix -sa-, which also has the sense of matUP. I have chosen to render these additional meanings, although, of course, not all women have long hair and not all men have abundant body hair. Yet, the authors of this verse mention a general, noticeable tendency that male and female bodies are somehow distinct. For a translation of this verse into German, see Strauss 1927a, 85; and into French, see Angot 1993-94, 27 and Feron (unpublished), 92.

²⁶ Kaiyata gives the following examples to illustrate this: the phrase "gāva imāḥ" refers to a group of cows and bulls, even though the feminine grammatical gender is used; however, the phrase "brāhmanā ime" may refer to a group of male and female brahmins, although the masculine gender is used.

²⁷ The parallel passage under the rule A 4.1.3 (M II, 197, 27) reads: samstyānaprasavau lingam āstheyau svakṛtāntataḥ. "In our own theory, saṃstyānam (coagulation) and prasavah (setting in motion) should be acknowledged as [the meaning of grammatical] gender."



In his commentary, Patañjali always provides a gloss after each quotation, often by replacing one term by a synonym. In this case, he just repeats the quotation to indicate that he has given a citation.²⁸ He then discusses the meaning of the terms 'samstyānam' (coagulation) and 'prasavah' ('setting in motion') within and beyond grammar. The gist of his explanation is that, in grammar, saṃstyānam is something like 'decrease' and prasavah means 'increase'. The grammarians associate samstyānam with the feminine and prasavah with the masculine gender. The neuter gender is not mentioned in this outline of the grammarians' 'own theory' of gender, and it is not until the *Vākyapadīya* that Bhartrhari analyses more extensively the semantic and ontological meaning that the grammarians associate with the neuter.29

The core idea of the grammarians' 'own theory' of gender, as Patañjali describes it in his *Mahābhāsya*, is the association of the feminine and the masculine gender with two modes of transformation in 'things'. In the passage below, Patañjali mentions the key notion of pravrttih, and it becomes clearer that it implies transformation of matter.

M I, 246, 2-7

- styānam pravṛttiś ca /
- kasya punah styānam strī pravṛttir vā pumān /
- guṇānām / keṣām / śabdasparśarūparasagandhānām / sarvāś ca punar mūrtaya evamātmikāh samstyānaprasavagunāh śabdasparśarūparasagandhavatyah / pravrttih khalv api nityā / na hi iha kaś cit api svasminn ātmani muhūrtam apy avatisthate / vardhate vā yāvad anena vardhitavyam apacayena vā yujyate / tac cobhayam sarvatra /
- [In grammar strī and pumān mean] 'coagulation' (styānam³⁰) and 'coming forth' (pravrttih).

²⁸ M I, 245, 25; M II, 197, 28: saṃstyānaprasavau liṅgam āstheyau.

²⁹ I analyse the doctrinal, semantic and ontological meaning of the neuter as Patañjali and Bhartrhari discuss it in the *Mahābhāsya* and the *Vākyapadīya* in more detail in my thesis as well as in an article due to be published in 2022.

³⁰ Halāyudha's Abhidhānaratnamālā (10th century CE) gives the term 'styānam' together with synonyms in the second half of verse II.276 (ed. Jośi): śīnam styānam śṛtaṃ pakvaṃ vilīnaṃ drutam ucyate / The first term, 'śīnam' ('coagulated', 'thick', etc.) justifies a rendering of 'styānam' by 'coagulation'. Modern dictionaries, for

- But of what is *strī* the 'coagulation'? Or *pumān* the 'coming forth'?
- [The answer is, it is 'coagulation' or 'coming forth'] of the 'constituent qualities' (guṇāḥ). Of which? Of 'sound', 'touch', 'colour', 'taste', 'smell'. And indeed, all things are essentially made up of these, that is the 'constituent qualities' related to 'coagulation' and 'setting in motion', and have 'sound', 'touch', 'colour', 'taste', 'smell'. But 'coming forth' (pravṛṭṭiḥ) is also permanent, because in this world nothing stands still in its own self even for a moment. Either it grows as much as it must grow, or it is bound to decrease. And both of these are everywhere.

Patañjali glosses the terms used in the ślokavārttikam (M I, 245, 24), 'saṃstyānam', by 'styānam' ('coagulation', 'increase in magnitude', 'thickness', etc.) and 'prasavaḥ' by 'pravṛttiḥ' ('coming forth', 'moving onwards', etc.). He then says that styānam (or saṃstyānam) and pravṛttiḥ (or prasavaḥ) are related to the five 'constituent qualities' (guṇāḥ), namely śabdaḥ etc. And all things are essentially made up of these five guṇāḥ. The same five 'qualities' are mentioned in the Upaniṣads, although not always in the same sequence. Patañjali then makes a statement about pravṛttiḥ that is key for our discussion. To paraphrase this passage: 'transformation' in the world – the 'coming forth' (pravṛttiḥ) – is permanent (or, at least, we perceive it to be so). Things do not 'stand still'; they come into being, grow and disappear. In other words, they undergo change and transformation. Patañjali seems to allude to Yāska's enumeration of six 'modifications' in his Nirukta (composed probably around 500 BCE³¹).³² Both

example, Böhtlingk and Roth's Petersburger Dictionary (PW, s.v. *styāna* (vol. 7, p. 1275); s.v. *saṃstyāna* (vol. 7, p. 1815)) gives 'Gerinnen', 'Verdichtung' for both.

³¹ Sarup (1920–27, part 1: 1920, 54) holds the view that Yāska should be dated no later than 500 BCE. Cardona (1976, 273) discusses several points of view regarding the dating of Yāska compared to Pāṇini but concludes that the question cannot be resolved. Kahrs (1998, 13–14) accepts Cardona's view. More recently, Cardona (2013, 99–100, fn. 95) writes that even though he considers that there is not enough evidence for an absolute determination, he is more inclined to accept that Yāska predates Pāṇini.

³² Nir. 1.2: ṣaḍbhāvavikārā bhavantīti vārṣyāyaṇiḥ / jāyate 'sti vipariṇamate vardhate 'pakṣīyate vinaśyatīti / Trans. Sarup 1920–27, part 2: 1921, 6: "According to



types of transformation, samstyānam and prasavah, occur everywhere, in all things. Patañjali therefore seems to suggest that in the realm of *pravrttih*, there are these two opposing forces.

Since the grammarians postulate that *pravrttih* is the general characteristic of gender and, more specifically, that the three types of transformation are the meaning of the three genders, the question is now: how can purusah, which is not a product of prakrtih and does not change, be associated with transformation through grammatical gender? Similarly, how can a thing that does not exist, for example a 'hare's horn' (śaśavisānam), be subjected to transformation? Patañjali does not address the question as to how it is possible that ātmā or purusah, which do not transform, may also be associated with transformation through grammatical gender. Bhartrhari is the first author of the Pāninian grammatical tradition after Patañjali to deal with this issue in the third section of his *Vākyapadīya*, as I shall now go on to explore.

Bhartrhari's solution to the problem pertaining to terms such as 'purusah' etc.

Bhartrhari takes up Patañjali's explanations of the grammarians' 'own theory' of gender in both his Linga- and Vrttisamuddeśa. In the former, we find a concise analysis of this theory as well as other perspectives on gender. It is in a short section of the Vrttisamuddeśa where Bhartrhari addresses the problem concerning the grammatical gender of terms such as 'puruṣaḥ', 'citiḥ' and 'caitanyam'. It is important to note, however, that the broader context of his discussion is Patañjali's extensive commentary on Kātyāyana's comments as regards the Pāninian rule sarūpāṇām ekaśeṣa ekavibhaktau (A 1.2.64). As I mentioned in Part 1, the Mahābhāsya under this rule is extensive and contains many complex issues. As we shall see, Bhartrhari therefore treats our problem concerning the grammati-

Vārsyāyani, there are six modifications of becoming: genesis, existence, alteration, growth, decay, and destruction." Kaiyata, commenting on Patañjali's statement, clearly states that the meaning of the term 'pravṛttiḥ' in this context is 'parināmah'. See Pradīpa, ed. Vedavrata, vol. 3, 448-49. Helārāja - whose commentary of the Vākyapadīya probably predates Kaiyaṭa's commentary of the Mahābhāṣya – also glosses the term 'pravṛttiḥ' by the term 'pariṇāmaḥ'. See ed. Subramania Iyer 1973, p. 299, l. 11.



cal gender of terms such as 'purusah' etc. and its solution as a tangential topic within this broader, highly complex framework.

In verse 322 of the Vrttisamuddeśa, Bhartrhari concisely summarises the grammarians' 'own theory' of gender, as Patañjali describes it in the passage discussed above. Bhartrhari explicitly mentions that prayrttih is said to be the 'general characteristic' of gender.

VP 3.14.322 (ed. Rau)

pravrttir iti sāmānyam laksanam tasya kathyate / āvirbhāvas tirobhāvaḥ sthitiś cety atha bhidyate //

'Transformation' (pravrttih) is said to be its general characteristic.

It is differentiated into 'appearance' (āvirbhāvah), 'disappearance' (tirobhāvaḥ) and 'continuous existence' (sthitiḥ).33

The term 'lingam', 'gender', itself is not mentioned in the verse, but Bhartrhari refers to it by the genitive pronoun tasya.³⁴ To paraphrase this: gender has 'coming forth' (pravrttih), that is to say, 'transformation', as its general characteristic. 'Transformation' is differentiated into three

³³ My translation slightly deviates from Subramania Iyer's (1974, 273) which reads as follows: "The general characteristic of gender is said to be activity (pravrtti) and it is diversified into appearance, disappearance and stay." (This verse corresponds to verse VP 3.14.321 in his translation, corresponding to his edition published in 1973.) Subramania Iyer renders the term 'pravṛttiḥ' by 'activity'. Although we find this rendering in any standard Sanskrit-English dictionary, such as Apte or MW, I suggest that translating the term 'pravrttih' by 'transformation' is preferable in this context. This follows Patañjali's discussion of this term in his gender discourse (see above Part 1) as well as traditional commentaries on it, as I mentioned above in fn. 32. Furthermore, Rob Williams has pointed out to me that in Standard British English, 'stay' is not commonly used as a noun in this context and could be replaced, for example, by 'stasis'. Subramania Iyer has translated the term 'sthitih' by 'continuity' in VP 3.13.13. See below, fn. 35.

³⁴ Bhartrhari uses the term 'lingam' in his previous verse VP 3.14.321 (ed. Rau): sāmānyam ākrtir bhāvo jātir ity atra laukikam / liṅgam na sambhavaty eva tenānyat parigrhyate // Trans. Subramania Iyer 1974, 272 (verse VP 3.14.320 in his translation and edition): "The worldly conception of gender cannot apply to what is denoted by words like sāmānya, ākṛti, bhāva and jāti. Therefore, another has been adopted."



modes, each corresponding to a gender: 'appearance' (āvirbhāvah). 'disappearance' (tirobhāvah) and 'continuous existence' (sthitih). 35 Bhartrhari makes a clear reference to the passage of Patañjali's commentary on pravrttih (M I, 246, 2-7, see above); however, he adds the notion of sthitih, which, according to him, the grammarians associate with the neuter.

In the following verse, Bhartrhari relates *pravrttih*, expressed by gender, to speech in general.

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VP 3.14.323 (ed. Rau)
pravrttimantah sarve 'rthās tisrbhiś ca pravrttibhih /
satatam na viyujyante vācaś caivātra sambhavah //
Moreover, all things, being subject to transformation, are
never unjoined from the three transformations. And speech is
[only] possible as regards to them.<sup>36</sup>
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Bhartrhari reenforces the role of the three types of transformation (pravrttih) in things and its relation to speech: no 'nameable' object or 'meaning' can ever be separated from the three 'transformations' (i.e., *āvirbhāvaḥ*, *tirobhāvaḥ* and *sthitiḥ*), and speech is possible only as regards to them. Bhartrhari does not explicitly use the term 'padārthah' (an 'object expressed by a word' or a 'meaning expressed by a word') in this verse. However, we understand that he refers to 'nameable' objects by the term 'arthah', since this is where speech is possible. All 'nameable' objects always transform. Therefore, the three modes of transformation are always present in every being and thing.

³⁵ We find the same triad in verse VP 3.13.13: āvirbhāvas tirobhāvah sthitiś cety anapāyinah / dharmā mūrtisu sarvāsu lingatvenānudarśitāh // Trans. Subramania Iyer 1974, 111: "The manifestation, disappearance and continuity are eternal properties found in all things and they are what is called gender."

³⁶ Compare Subramania Iyer's translation (1974, 273; verse VP 3.14.322 in his translation and edition): "All objects are active and they are never devoid of the three kinds of activities and it is such objects that words express." Again, Subramania Iyer uses the term 'active' to render the term 'pravrttimantah'. As I have said earlier, I do not think this is the appropriate rendering here. Additionally, contrary to Subramania Iyer's understanding, I think the 'ca' in the first half of the verse connects this verse with the previous one. I therefore render it by 'moreover'.



In the next verse, Bhartrhari introduces the problem pertaining to terms such as 'purusah' etc. However, he proceeds immediately to its solution rather than raising it as a problem.³⁷

VP 3.14.324 (ed. Rau) vaś cāpravrttidharmārthaś citirūpena grhyate / anuyātīva so 'nyeṣām pravṛttīr viśvagāśrayāḥ // And that which does not have transformation as its feature. [and is] experienced as having the form of consciousness, fol-

In this verse, Bhartrhari begins his explanation of why something that is not subjected to pravrttih can also have gender. The compound 'apravrttidharmārthah' ('the object the feature of which is not being the subject of transformation') is a bahuvrīhiḥ and qualifies ātmā or puruṣaḥ which is 'experienced' as a form of consciousness. The passive structure without agent does not tell us who the agent of this experience is. It is unlikely that Bhartrhari refers to the average person undertaking their ordinary

business. Nevertheless, the Sanskrit tradition more broadly does elsewhere assume that some people with enhanced perception, yogis for ex-

lows, as it were, the others' all-pervasive transformations.³⁸

³⁷ In his introduction to verse VP 3.14.324 (ed. Rau), Helārāja (ed. Subramania Iyer 1973, p. 300, l. 13–16) clearly states the problem and, thereby, contextualises the solution that Bhartrhari provides: tatra prakṛtes triguṇāyā rajasānavaratam astu pravṛttiśīlatā; tadvikārāṇāṃ ca bhogyātmakānām / yas tu bhoktā puruṣaś cetanaḥ, so 'tyantavidharmā bhogyajātān nirgunah prakrtim anubhavan katham ātmā caitanyam citir iti lingaviseşaniyatābhidhānavişayatām anubhavatīty āsankyāha ["yaś cāpravṛttidharmārthaś..."]. "This being so (tatra), we accept that prakṛtiḥ, made up of three constituent qualities, as well as its products - [both prakṛtiḥ and its products] to be enjoyed - have the quality of incessantly being prone to transformation due to rajah. But how does the enjoyer, purusah, the sentient being - the characteristics of which are completely different from all things to be enjoyed, [and] which is beyond constituent qualities [i.e., sattvam, rajaḥ, and tamah], experiencing prakṛtih - become associated with expressions that are invariably connected to a particular gender such as 'ātmā', 'caitanyam', 'citih'? Having anticipated this doubt, [Bhartrhari] says [verse VP 3.14.324 (ed. Rau)]."

³⁸ Compare Subramania Iyer's translation (1974, 274; verse VP 3.14.323 in his translation and edition): "As to the entity which is devoid of all activity and is understood as consciousness it seems to follow, as it were, the multiple activities of others."



ample, can have a direct experience of the 'ultimate reality'; we ought therefore to assume that this is what Bhartrhari implies by using a passive structure here.³⁹ We may then say that it is the yogi who experiences 'purusah' as a 'form of consciousness'. This 'purusah' follows, as it were, the 'pravrttih' of others, that is to say, other objects which have 'pravrttih' as their feature.

The compound 'viśvagāśrayāḥ' ('having a support everywhere', which amounts to being 'all-pervasive') poses a logical problem in this verse. The term qualifies the 'transformations', but we would expect it to qualify purusah, since only purusah is truly all-pervasive. Nāgeśa, when commenting on Kaiyata's quotation of this verse in his Pradīpa, mentions both readings, 'viśvagāśrayaḥ' and 'viśvagāśrayāḥ', but dismisses the latter as incoherent and repetitive. 40 If we adopt the reading viśvagāśrayah – which I think is preferable – we may translate the verse as follows: "And that which does not have transformation as its feature, [and is] experienced as having the form of consciousness, the all-pervasive [ātmā or puruṣaḥ] follows, as it were, the others' transformations."

Bhartrhari does not mention the reason as to why the *puruṣaḥ* seems to follow the *pravrttih* of other things. He presupposes familiarity with a Sāmkhya and Yoga theory regarding the functioning of the mind.41

³⁹ This is also Nāgeśa's opinion, which he states in his commentary of Kaiyata's Pradīpa. Kaivata quotes verses VP 3.14.322-26 in his commentary. Nāgeša therefore also comments upon certain terms of these verses. Commenting on the verb grhyate, he states (Uddyota, ed. Bhārgavaśāstri, vol. 4, p. 24, col. 2, l. 20): grhyate yogibhir iti sesah / "Experienced, that is to say, [experienced] by yogis" or, more literally: "[to complete the passive structure with the verb] grhyate, [the term] 'by yogis' remains [to be supplied].

⁴⁰ Uddyota, ed. Bhārgavaśāstri, vol. 4, p. 24, col. 2, l. 21-22. According to the available print editions of Kaiyata's quotations of VP 3.14.324 (ed. Rau) in his *Pradīpa*, his reading is 'viśvagāśrayah', not 'viśvagāśrayāh'. Cf. Pradīpa, ed. Bhārgavaśāstri, vol. 4, p. 24, col. 1, l. 17; ed. Vedavrata, vol. 3, 449, l. 11.

⁴¹ I think it is worth pointing out in this context that Bhartrhari draws on Sāmkhya and Yoga theory consistently throughout his gender discourse. In verse VP 3.13.14, for example, he makes a clear reference to the three guṇāḥ of Sāṃkhya and Yoga theory by mentioning sattvam, etc. VP 3.13.14 reads: sarvamūrtyātmabhūtānāṃ śabdādināṃ guṇe guṇe / trayaḥ sattvādidharmās te sarvatra samavasthitāḥ // "The three 'essential qualities' (dharmāḥ) that are sattvam etc. exist everywhere: in each and every gunah consisting in śabdah etc., which make



Bhartrhari will allude to this theory in the verse after next. Since suspension is an important feature of his style, I will follow his line of argument before attempting to unpack the complexities of his theory.

If it is as though the *purusah* followed the *pravrttih* of other things, this *puruṣaḥ* appears to be like any other object that we may perceive in different forms, at different times and, by extension, in different spaces too. Bhartrhari emphasises, however, that its 'own form' is not like this.

VP 3.14.325 (ed. Rau) tenāsya citirūpam ca citikālas ca bhidyate / tasya svarūpabhedas tu na kaś cid api vidyate // Moreover, through this, it is divided into a 'form of consciousness' and a 'time of consciousness': but a division of its own form does not exist at all 42

To paraphrase the verse: through this process (tena), ātmā or puruṣaḥ is divided into different 'forms of consciousness' and different 'times of consciousness'. But such divisions of its own, real form do not exist at all. Yogis may experience consciousness in different forms and may associate consciousness with the past, present and future. However, both dual and non-dual systems agree that the real ātmā or puruṣaḥ is always one and permanent. In other words, it cannot have different shapes, nor can it belong to certain times and places. All these distinctions are, therefore, merely a construct of the mind.

Verse 325 echoes what Bhartrhari says about the brahma in the opening verses of his treatise: the brahma, without beginning or end, is imperishable and unalterable; it can, however, take different forms through existing things. In the second verse, Bhartrhari says that while the brahma is one, it may appear as if it were divided; but this is only because it is the source of different 'powers' from which, in fact, it is not divid-

up the essence of all things." In this verse, Bhartrhari explains the term 'guṇaḥ' that Patañjali associates with śabdaḥ etc. in the passage of his Mahābhāṣya (M I, 246, 2-7) discussed above on p. 76. I examine verse VP 3.13.14 in my article on the neuter mentioned earlier, and I will discuss it in more detail in my doctoral

⁴² Compare Subramania Iyer's translation (1974, 274; verse VP 3.14.324 in his translation and edition): "That is how the form and the time of the consciousness of the experiencer is diversified. It has no diversity of form of its own."



ed. Time is one of these 'powers' which make it seem as if the brahma has parts.⁴³ Bhartrhari mentions the six 'modifications', beginning with birth, which Yāska presents in his Nirukta.⁴⁴ It is these six modifications which form the source of the division of existence. Bhartrhari however reiterates in verse 325 of his *Vṛttisamuddeśa* that the 'ultimate reality' is one and indivisible.

In the following verse, Bhartrhari says that what we experience and name by the term 'purusah' is not the real purusah.

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VP 3.14.326 (ed. Rau)
acetanesu caitanyam samkrāntam iva dršvate /
pratibimbakadharmena yat tac chabdanibandhanam //
The 'consciousness' (caitanyam) which is seen as though it is
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passed into unconscious things in the form of a reflection is the basis of words.45

In this verse, Bhartrhari alludes to the belief in Sāmkhya and Yoga theory that the *buddhih* or the *cittam* is like a clear mirror in which all things are reflected, including the form that *puruṣaḥ* takes in the mind. ⁴⁶ We also see comparisons with a precious stone, a clear crystal or a still surface

⁴³ VP 1.1-3: anādinidhanam brahma śabdatattvam yad akṣaram/ vivartate 'rthabhāvena prakriyā jagato yataḥ // ekam eva yad āmnātam bhinnaśaktivyapāśrayāt / apṛthaktve 'pi śaktibhyaḥ pṛthaktveneva vartate // adhyāhitakalām yasya kālaśaktim upāśritāh / janmādayo vikārāh sad bhāvabhedasya yonayah // Trans. Subramania Iyer 1965, 1-5: "1. The Brahman who is without beginning or end, whose very essence is the Word, who is the cause of the manifested phonemes, who appears as the objects, from whom the creation of the world proceeds, 2. Who has been taught as the One appearing as many due to the multiplicity of his powers, who, though not different from his powers, seems to be so, 3. Depending on whose Time-power to which (though one) differentiations is attributed, the six transformations, birth etc. become the cause of all variety in Being."

⁴⁴ Nir. 1.2. See above, fn. 32.

⁴⁵ Compare Subramania Iyer's translation (1974, 274; verse VP 3.14.325 in his translation and edition): "That which is projected on the insentient forms of the Intellect as a reflection, it is that which is the basis of the use of words."

⁴⁶ Helārāja refers to the buddhidarpaṇah, the 'mirror of the mind', in his explanations of verses VP 3.14.324 and 325 (ed. Rau). See ed. Subramania Iyer 1973, p. 300, l. 19; l. 26.



of clear water, all of which reflect the shapes and colours of their surroundings.⁴⁷ It is also in this verse that Bhartrhari makes the distinction between the conscious and the unconscious: the conscious 'caitanyam' is seen as though it is 'passed into' in unconscious things (acetanesu). For this reason, Subramania Iyer's rendering of the verse reads "projected on the insentient forms of the Intellect", saying in a complicated manner that the *caitanyam* is reflected in the *buddhih*.⁴⁸ However, I think we should understand that all unconscious things are reflected by means of this mirror. This includes even non-existent things.

To paraphrase the core idea of the verse: it is the pratibimbam, the 'reflection' of the purusah, not the real purusah, that has a connection with words. We can only express the 'reflection', not the real purusah, with words. Therefore, the reflection of the purusah may also be associated with gender. In the same way, non-existent things go through the process of reflection in the mind and may therefore also be associated with transformation through their grammatical genders.

With this verse Bhartrhari ends his explanation as to why terms such as 'puruṣaḥ', 'citiḥ' and 'caitanyam' can also have grammatical gender. In his next verse, he returns to the general context by reaffirming that all words must have gender, except, of course, finite verbs and indeclinable forms.⁴⁹ With this sequence of verses, Bhartrhari discretely fills a gap that Patañjali had left in his explanations of the grammarians' 'own theory'

⁴⁷ For example, YS 1.41 mentions a 'precious stone', and YSBh ad 1.41 glosses this by 'sphatikah' (crystal). Bhartrhari himself uses the comparison of a reflection in clear water, albeit in a different context.

⁴⁸ See Subramania Iyer's translation above, fn. 45.

⁴⁹ VP 3.14.327 (ed. Rau): avasthā tādrśī nāsti yā lingena na yujyate / kva cit tu śabdasaṃskāro lingasyānāśraye sati // Trans. Subramania Iyer 1974, 275 (verse VP 3.14.326 in his translation): "There is no condition of an object which is not associated with a gender. Sometimes, when it is not taken seriously, it is only for the sake of the correctness of the words." I think his "when it is not taken seriously" is somewhat unfortunate, because Bhartrhari refers to cases in which there is no 'support' or 'resort' for gender. For example, this is the case in grammatical glosses of certain compounds. The grammarians gloss the compound 'kukkutāndam' (hen's egg) by the grammatical gloss "kukkutasya andam" ("the chicken's egg", lit. "the cockerel's egg"). There is no 'support' or 'resort' for gender in the sense that the masculine grammatical gender is used in "kukkuṭasya andam" even though the female animal produces the egg.

of gender. In an oral culture that values conciseness in order to facilitate memorisation, we expect authors to leave certain issues unaddressed, particularly in an extensive work such as Patañjali's Mahābhāsya. It is therefore the role of a good commentator not only to analyse the source text but also to provide additional explanation where needed. Traditional and modern scholars do not actually consider Bhartrhari's Vākyapadīya as a commentary on Patañjali's Mahābhāṣya. Yet Bhartrhari maintains a close intertextual relationship with the Mahābhāsya, especially in the third section of the Vākyapadīya which, in Cardona's words, "takes on aspects of a learned commentary on this work", i.e. the Mahābhāṣya.⁵⁰ The verses discussed above are, I suggest, one of these instances; they read as a lucid commentary of Patañjali's gender discourse - to which Bhartrhari adds his ingenious solution to the problem regarding the grammatical gender of terms such as 'purusah', 'citih' and 'caitanyam'.

Conclusions and wider implications

In Part 1 of this article, I have discussed the most important aspect of the grammarians' 'own theory' of gender as Patañjali explains it in his Mahābhāṣya: grammatical gender signifies transformation (prayṛttiḥ) in the things denoted by words. However, Patañjali remains silent regarding the implications this theory would have as regards at least two critical cases. One of these is the 'ultimate reality', which, although it is expressed by gendered terms, does not transform according to certain Sanskrit traditions. The other is non-existent things, such as the śaśaśrngah, the mrgatrsnā and the khapuspam, which the grammarians' 'own theory' of gender also associate with transformation, even though something that does not exist cannot transform. Bhartrhari is the first grammarian within the Pāninian grammatical tradition to address this issue and offer a solution.

In Part 2, I analyse the sequence of verses in which Bhartrhari concisely summarises Patañjali's general point as regards the grammarians' 'own theory' of gender and how this theory of transformation also works for terms referring to the ultimate, unalterable and indivisible reality. By saying that it is the 'reflection' (pratibimbam) of the purusah,

⁵⁰ Cardona 2009, 121.



not the real *purusah* that has a connection with words, Bhartrhari posits that the 'ultimate reality' is beyond the realm of speech. In other words, we can only express the 'reflection' with words, not the real purusah. It is in this sense that the terms 'purusah', 'citih' and 'caitanyam' are mere 'verbal handles'. And 'verbal handles' must have gender, since in Sanskrit all words, except finite verbs and indeclinable forms, have gender. The real, 'ultimate reality', however, remains forever beyond the realm of language: it is 'literally' ineffable.

Bhartrhari puts forward a powerful interpretative model as to how names are, in fact, incomplete: 'nameable' things - even the ultimate, highest reality - may be referred to by different 'verbal handles', and each name is, in Gonda's words, "a form or a mode of existence". 51 Many Vedic sources suggest that having several names bestows the bearer with power and auspiciousness. This principle of diversification and multiplicity of denominations may also be underlying the wide range of Sanskrit vocabulary for any 'nameable' thing. It is in the realm of language that not only words for things can be diversified, but realities too are diversified, and even the 'ultimate reality' itself, despite being one and indivisible, can also appear as though it were diversified and diversifiable. However, it is the mere reflection of the 'ultimate reality' which is diversified or projected, or, in Bhartrhari's words, which follows, as it were, the pravrttih of other things. Grammarians of the commentarial tradition of the Mahābhāṣya, Kaiyata and Nāgeśa, accept Bhartrhari's elegant and lucid solution to one of the major problems implicitly left by Patañjali and refer to it in their commentaries.



Abbreviations

Α Astādhyāyī, see Böhtlingk, Katre and Renou.

Apte, Vaman Shivaram, The practical Sanskrit-English dictionary. Apte Revised and enlarged edition. 3 vols. Poona: Prasad Prakashan, 1957–59. First published: Poona: Shiralkar, 1890. (I am using the online dictionary prepared by Digital Dictionaries of South Asia, University of Chicago: https://dsal.uchicago.edu/

BĀU Brhadāranyakopanisad, see Acharya 2013.

dictionaries/apte/)

Ed Rau Rau, Wilhelm, ed. 1977. Bhartrhari's Vākyapadīya: Die mūlakārikās nach den Handschriften herausgegeben und mit einem pada-Index versehen. Abhandlungen für die Kunde des Morgenlandes 42.4. Wiesbaden: Franz Steiner Verlag.

EWA Etymologisches Wörterbuch des Altindoarischen, by Manfred Mayrhofer. 3 vols. Heidelberg: Universitätsverlag C. Winter, 1991-2001.

KEWA Kurzgefaßtes etymologisches Wörterbuch des Altindischen: A Concise Etymological Sanskrit Dictionary, by Manfred Mayrhofer. 4 vols. Heidelberg: Universitätsverlag C. Winter, 1956-80.

M Mahābhāsya (including volume, page and line). The Vyākaraṇa-Mahābhāṣya of Patañjali, edited by Franz Kielhorn. 3 vols. Revised edition by Kashinath V. Abhyankar. Poona: Bhandarkar Oriental Research Institute, 1962-72. First edition: Bombay: Government Central Book Depot, 1880-85.

MW Monier-Williams, Monier, A Sanskrit-English dictionary: Etymologically and philologically arranged with special reference to cognate Indo-european languages. Oxford: The Clarendon Press, 1899. (I am also using the online dictionary prepared by the Institute of Indology and Tamil Studies, Cologne University: https://www.sanskritlexicon.uni-koeln.de/scans/MWScan/2020/web/index.php)

Nir. Nirukta, see Sarup.

PW ["(Großes) Petersburger Wörterbuch"] Sanskritwörterbuch. By Otto Böhtlingk and Rudolf Roth. Theil I–VII. St. Petersburg: Kaiserliche Akademie der Wissenschaften, 1855-75. (I am also using the online dictionary prepared by the Institute of Indology and Tamil Studies, Cologne University: https://www.sanskritlexicon.uni-koeln.de/scans/PWGScan/2020/web/index.php)



- SK Sāmkhyakārikā, in: Vācaspatimiśras Tattvakaumudī: Ein Beitrag zur Textkritik bei kontaminierter Überlieferung, edited by Srinivasa Ayva Srinivasan. Alt- und Neu-Indische Studien, 12. Hamburg: Cram, De Gruvter, 1967.
- VP Vākyapadīya, see above under Ed. Rau; and below under Biardeau; Subramania Iver.
- *vārttikam* i.e., Kātyāyana's commentarial phrases of selected rules vt. of Pānini's *Astādhyāyī*. Patañjali quotes Kātyāyana's phrases in his Mahābhāsya. See above under M.
- YS Yogasūtra. The Yogasūtra of Patañjali with the Commentary of Vyāsa, edited and translated by Bengali Baba. Delhi: Motilal Banarsidass, 1976.
- YSBh Yogasūtrabhāsya, see above under YS.

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