

The Similarity Feature Groups of the Arabic and Aramaic Taxa

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Studied scripts

In the Aramaic and Arabic script variants calligraphic influences fully survive, and glyphs are intended to reproduce cursive handwriting (Baird 2014). The two most important varieties of Arabic script are the Kufic and the Nashk (Taylor 1883, Vol. I: 317–318); the Kufic is square and monumental, it has practically fallen into disuse since the 14th c., and the Nashk is the cursive Arabic script in which books and newspapers are printed. There are several altering classifications of varieties of the Arabic scripts with different names, e.g., African (Fry 1799: 8), Qarmatians (Carmatic, Karmathian, used in the north of Arabia); Diwani (Divân, Diwānī, used during the age of the early Ottoman Turks); Jeli Thuluth (used for stones and buildings); Kufic (Cufic, Kufic, Kufi, is the earliest calligraphic variety of the Arabic script), Maghrebi (Mağribī, was developed in North Africa and Al-Andalus [Iberia]); Mauritanian (used in Morocco, Fez and North Africa); Naskh (Nischi, Nash, Nesh, Nesih, Neshkhi, used for text processing); Nastaliq (Nasta‘īq, Nashk-i-ta‘īq, used for Persian, Punjabi and Urdu languages); Reqa‘ (used for private correspondence); Ruq‘ah (Ruq‘ā, Riq‘a, Rika‘a), Taliq (Ta‘īq, Ta‘alik, used for the Persian language) and Thuluth (Sulsi, Tuluṭ, Thulth, Sülüs, used for ornamental purposes) (Fry 1799: 7; Milo 2002: 114, 122; Milo 2013; Shahzad 2020: 1). These categories partly overlap with each other. The Arabic script also has national subvariants, differing chiefly in the number of graphemes, e.g., Afghan, Hindustani, Malay, Persian and Turkish. Each of them contains additional graphemes to express the peculiar sounds of these languages. Only some selected Arabic script varieties are involved in the current research, namely, the so-called early, African, Kufic, Mauritanian, modern and Naskh. Some historical data of the examined taxa are listed in Table 1, where the order of the scripts corresponds to the time of their first known appearance.

Table 1: The scripts under study

Scripts (in some cases the script variants are individual taxa)	Use of time (approximately)	Area of use (not later than the 1 st millenium AD, approximately)
Old Aramaic	9 th –7 th /6 th c. BC	Middle-East
Imperial Aramaic (Official Aramaic)	7 th /6 th –1 st c. BC	Egypt, Middle East, Inner Asia, Iran
Hebrew (quadratic)	3 rd c. BC – present	Middle East
Parthian	2 nd c. BC – 3 rd c. AD	Inner Asia, Iran
Nabataean	2 nd c. BC – 4 th c. AD	Middle East
Middle Persian	2 nd c. BC – 7 th c. AD	Inner Asia, Iran
Palmyrene	1 st c. BC – 3 rd c. AD	Middle East
Hatran (Ashurian Aramaic)	1 st c. BC – 3 rd c. AD	Middle East
Syriac (taxa: Syriac-Estrangela, Syriac-Nestorian)	1 st c. AD – present	Middle-East, Inner Asia, Iran
Armazian	1 st –2 nd c. AD	Georgia
Khwarazmian	1 st /2 nd c. AD – late 7 th /8 th c.	Inner-Asia
Sogdian	2 nd –13 th c. AD	Inner-Asia

Scripts (in some cases the script variants are individual taxa)	Use of time (approximately)	Area of use (not later than the 1 st millenium AD, approximately)
Arabic (taxa: Arabic-African, Arabic-early, Arabic-Kufic, Arabic-Mauritanian, Arabic-modern, Arabic-Naskh)	5 th /6 th c. AD – present	Africa, Iberian-peninsula, Middle East, Inner Asia, Iran

The dataset

The examined taxa features are extracted based on the collections of similar features of the script variants. These collections are called Similarity Features Groups (SFGs), and the purpose of their construction is to avoid the random coincidence of evolutionary unrelated but similar features (Hosszú 2017: 182). The SFGs used in the present analysis are described in Table 2, where the order of the scripts is the same as in Table 1.

Table 2: Similarity features groups (SFGs)

SFG	Features of taxa (graphemes of script variants)
SFG-1	<i>Old Aramaic</i> (Nineveh, 7 th c. BC) 𐤀 (Taylor 1883, Vol. I: 250) <'>. <i>Imperial Aramaic</i> (papyrus, Egypt, 2 nd c. BC) 𐤁, 𐤂 (Taylor 1883, Vol. I: 250); (Arachosia [Afghanistan and Pakistan]) 𐤃, 𐤄, 𐤅 (Ivantchik & Lurje 2013: 290) <'>. <i>Hebrew</i> (Qumran manuscript, 1 st c. BC) 𐤀 <i>aleph</i> <'>. <i>Palmyrene</i> 𐤁, 𐤂 (Faulmann 1880: 84) <'>.
SFG-2	<i>Hatran</i> (H 79, shortly before AD 240) 𐤇 (Beyer 1998: 10, 47–48) <'>. <i>Armazian</i> 𐤇, 𐤈, 𐤉 (Tsereteli 1993: 85); 𐤇, 𐤈 (Cereteli 1948–1949 <i>apud</i> Róna-Tas 1987: 14) <'>.
SFG-3	<i>Parthian</i> (early, Nisa, 1 st c. BC) 𐭀 (Akbarzādeh 2002); (early, Nisa) 𐭁 (Skjærvø 1996: 518); (Hājiābād, 3 rd c. AD) 𐭂 (Taylor 1883, vol. II: 236); (inscriptional) 𐭃 (Skjærvø 1996: 518); 𐭄 (Akbarzādeh 2002); (inscriptions, 3 rd c. AD) 𐭅 (MacKenzie 1971: xi) 'ālap <'> /a, ā/. <i>Middle Persian</i> (Pre-Sasanian) (2 nd –1 st c. BC) 𐭆, 𐭇 (Skjærvø 1997: 100); (inscriptional Pahlavi) 𐭈; (inscriptional Pahlavi) 𐭉, (Psalter) 𐭊, (Early Cursive Pahlavi) 𐭋, (Book Pahlavi) 𐭌 (Skjærvø 1996: 518) 'ālap <'> /a, ā/ (Skjærvø 1996: 518). <i>Palmyrene</i> 𐤁 (Faulmann 1880: 84) <'>. <i>Hatran</i> (H 79, shortly before AD 240) 𐤇, 𐤈 (Beyer 1998: 10, 47–48) <'>. <i>Syriac</i> (Estrangela) ܐ <'>. <i>Khwarazmian</i> (coins) 𐭌, 𐭍 (Vainberg 1977: Table VIII) <'>. <i>Sogdian</i> (early, Kultobe, before 4 th c. AD) 𐭎, 𐭏 (Sims-Williams & Grenet 2006: colour illustrations without page numbering); (Afrasiyab [Samarkand, Uzbekistan]) 𐭐 (Ivantchik & Lurje 2013: 290); (sutra) 𐭑, 𐭒 (Skjærvø 1996: 519) 'ālap <'> /a, ā, ə/.
SFG-4	<i>Nabataean</i> (late) 𐤪, 𐤫 (Macdonald 2008: 218) <'>. <i>Syriac</i> (Nestorian) ܐ (Daniels 1996: 505) <'>. <i>Sogdian</i> (Ancient Letters, beginning of 4 th c. AD) 𐭓 (Skjærvø 1996: 519) 'ālap <'> /a, ā, ə/. <i>Arabic</i> (early) 𐤌 (Macdonald 2008: 218); (Kufic) 𐤍 (Faulmann 1880: 98) <'ā>.
SFG-5	<i>Arabic</i> (Naskh) (7 th c. AD) 𐤎 (Taylor 1883, Vol. I: 326); (modern) 𐤎 (Macdonald 2008: 218) <'ā>.
SFG-6	<i>Arabic</i> (Mauritanian) 𐤏 (Fry 1799: 6); (African) 𐤏 (Fry 1799: 8) <'ā>.

SFG	Features of taxa (graphemes of script variants)
SFG-7	<p><i>Old Aramaic</i> (8th–7th c. BC) 𐤀 (Gibson 1975); (Nineveh, 7th c. BC) 𐤁 (Taylor 1883, Vol. I: 250) .</p> <p><i>Imperial Aramaic</i> (satrapies, 5th–4th c. BC) 𐤂, 𐤃, (monuments, Egypt, 4th–3rd c. BC) 𐤄, (papyrus, Egypt, 2nd c. BC) 𐤅 (Taylor 1883, Vol. I: 250) <i>bēṭ</i> /b, β/.</p> <p><i>Hebrew</i> (Qumran Manuscripts, 1st c. BC) 𐤅, (Text of the Pentateuchus Masoret, 9th c. AD) 𐤆 <i>bēṭ</i> /b/</p> <p><i>Parthian</i> (inscriptional) 𐭪 (Skjærvø 1996: 518); (inscriptions, 3rd c. AD) 𐭫 (MacKenzie 1971: xi) /b, u/.</p> <p><i>Palmyrene</i> 𐤆, 𐤇 (Faulmann 1880: 84) .</p> <p><i>Khwarazmian</i> (Toprak-kala) 𐭪 (Vainberg 1977: Table VIII) .</p> <p><i>Sogdian</i> (Ancient Letters, early 4th c. AD) 𐭪 (Skjærvø 1996: 519); (Ancient Letters, beginning of 4th c. AD) 𐭫 (Harmatta 2004: 186); (sutra) 𐭪, 𐭫 (Skjærvø 1996: 519) /b, β/.</p>
SFG-8	<p><i>Parthian</i> (early, Nisa, 1st c. BC) 𐭪 (Skjærvø 1996: 518) /b, u/.</p> <p><i>Nabataean</i> (late) 𐤁 (Macdonald 2008: 218) .</p> <p><i>Middle Persian</i> (inscriptional Pahlavi) 𐭪, (Psalter) (Bulayīq, 6th–7th c., a copy of an origin from the 4th c. AD) 𐭪 (Skjærvø 1996: 518) /b, u/.</p> <p><i>Hatran</i> (H 79, , shortly before AD 240) 𐭪 (Beyer 1998: 10, 47–48) .</p> <p><i>Syriac</i> (Estrangela) 𐭪; (Nestorian) 𐭪 <i>bēṭ</i> <b, ḅ>.</p> <p><i>Armazian</i> 𐭪 (Cereteli 1948–1949 <i>apud</i> Róna-Tas 1987: 14) .</p> <p><i>Khwarazmian</i> (Chirik-Rabat [Kyzylorda Region, Kazakhstan], 4th–2nd c. BC) 𐭪 (Ivantchik & Lurje 2013: 286–287); (Toprak-kala) 𐭪 (Vainberg 1977: Table VIII) .</p> <p><i>Arabic</i> (early) 𐭪 (Macdonald 2008: 218); (Kufic) 𐭪 (Faulmann 1880: 98) .</p>
SFG-9	<p><i>Arabic</i> (Naskh) (7th c. AD) 𐭪 (Taylor 1883, Vol. I: 326); (Mauritanian) 𐭪 (Fry 1799: 6); (African) 𐭪 (Fry 1799: 8); (modern) 𐭪 (Macdonald 2008: 218) <i>bā'</i> /b/.</p>
SFG-10	<p><i>Old Aramaic</i> (Zinjīrlū inscriptions, late 9th c. – 8th c. BC) 𐤁, 𐤂; (8th c. BC) 𐤂; (Deir 'Allā, around 800 BC) 𐤂 (Glass 2000: 14); (10th–5th/4th c. BC) 𐤂 (Gibson 1975) <i>gāmal</i> <g> /g/.</p> <p><i>Imperial Aramaic</i> (satrapies, 5th–4th c. BC) 𐤂, (papyrus, Egypt, 2nd c. BC) 𐤂, 𐤂 (Taylor 1883, Vol. I: 250) <g>.</p>
SFG-11	<p><i>Old Aramaic</i> (Nineveh, 7th c. BC) 𐤂 (Taylor 1883, Vol. I: 250) <i>gāmal</i> <g> /g/.</p> <p><i>Imperial Aramaic</i> (satrapies, 5th–4th c. BC) 𐤂 (Taylor 1883, Vol. I: 250) <g>.</p> <p><i>Hebrew</i> (Qumran Manuscripts, 1st c. BC) 𐤂, (Text of the Pentateuchus Masoret, 9th c. AD) 𐤂 <i>gimel</i> <g>.</p> <p><i>Nabataean</i> 𐤂 <i>gāmal</i> <g>.</p> <p><i>Palmyrene</i> 𐤂 <g>.</p> <p><i>Arabic</i> (early) 𐭪 (Macdonald 2008: 218) <i>ḡīm/jīm</i> <ḡ, j, dj> [ḡj].</p>
SFG-12	<p><i>Armazian</i> 𐭪, 𐭪, 𐭪 (Tsereteli 1993: 85); 𐭪 (Cereteli 1948–1949 <i>apud</i> Róna-Tas 1987: 14) <g>.</p> <p><i>Sogdian</i> (early, Kultobe, before 4th c. AD) 𐭪 (Sims-Williams & Grenet 2006: colour illustrations without page numbering); (Ancient Letters, beginning of 4th c. AD) 𐭪 (Skjærvø 1996: 519); (Ancient Letters, beginning of 4th c. AD) 𐭪 (Harmatta 2004: 186); (sutra) 𐭪 (Skjærvø 1996: 519) <i>gāmal</i> <g> /g, γ/ (Skjærvø 1996: 519, 530).</p> <p><i>Arabic</i> (Kufic) 𐭪 (Faulmann 1880: 98) <i>ḡīm/jīm</i> <ḡ, j, dj> [ḡj].</p>
SFG-13	<p><i>Parthian</i> (early, Nisa, 1st c. BC) 𐭪 (Skjærvø 1996: 518); (Avroman, 13/12 BC) 𐭪, 𐭪 (Ivantchik & Lurje 2013: 290); (inscriptional) 𐭪 (Skjærvø 1996: 518); 𐭪 (MacKenzie 1971: xi) <i>gāmal</i> <g> /g, γ/.</p> <p><i>Middle Persian</i> (Book Pahlavi) 𐭪, 𐭪, 𐭪 (Skjærvø 1996: 518); (Book Pahlavi) 𐭪 (MacKenzie 1971: xi); 𐭪 (Rosenthal et al. 1986–2011: Table 3); (inscriptional) 𐭪, (Psalter) (Bulayīq, 6th–7th c., a copy of an origin from the 4th c. AD) 𐭪 (Skjærvø 1996: 518) <i>gāmal</i> <g> /g, γ/.</p> <p><i>Hatran</i> (H 79, shortly before AD 240) 𐭪 (Beyer 1998: 10, 47–48) <g>.</p> <p><i>Syriac</i> (Estrangela) 𐭪; (Nestorian) 𐭪 <g>.</p> <p><i>Khwarazmian</i> (bowls) 𐭪 (Vainberg 1977: Table VIII) <g>.</p> <p><i>Arabic</i> (Naskh) (7th c. AD) 𐭪 (Taylor 1883, Vol. I: 326) <i>ḡīm/jīm</i> <ḡ, j, dj> [ḡj].</p>
SFG-14	<p><i>Arabic</i> (Mauritanian) 𐭪 (Fry 1799: 6); (African) 𐭪 (Fry 1799: 6); (modern) 𐭪 (Macdonald 2008: 218) <i>ḡīm/jīm</i> <ḡ, j, dj> [ḡj].</p>

SFG	Features of taxa (graphemes of script variants)
SFG-15	<p><i>Old Aramaic</i> (8th c. BC) א; (Deir 'Allā, around 800 BC) א (Glass 2000: 14); (10th–9th c. BC) א, א, א, א, (8th–7th c. BC) א (Gibson 1975); (Nineveh, 7th c. BC) א (Taylor 1883, Vol. I: 250) <i>dālet</i> <d> /d/.</p> <p><i>Imperial Aramaic</i> (papyrus, Egypt, 2nd c. BC) א, א, (satrapies, 5th–4th c. BC) א, א, (monuments, Egypt, 4th–3rd c. BC) א (Taylor 1883, Vol. I: 250); (7th–5th/4th c. BC) א (Gibson 1975); א, א; (Elephantine papyri, 6th c. BC) א (Glass 2000: 14); (Assyrian and Egyptian papyri) א, (Babylonian Bowls) א, א (Faulmann 1880: 79); (cursive, Egypt, 5th–3rd c. BC) א, א (Lidzbarski 1910); (6th c. BC) א, (4th c. BC) א, (1st c. BC) א (Schniedewind 2006: 140); (Aśoka, around 250 BC) א (Glass 2000: 14); א (MacKenzie 1971: xi) <i>dālet</i> <d> /d, δ/.</p> <p><i>Hebrew</i> (Qumran Manuscripts, 1st c. BC) א, (Text of the Pentateuch Masoret, 9th c. AD) א <i>dālet</i> <d> /d/.</p> <p><i>Parthian</i> (early, Nisa, 1st c. BC) א (Rosenthal et al. 1986–2011: Table 3); א, א; <i>dālet</i> <d> /d, δ/.</p> <p><i>Nabataean</i> א <i>dālet</i> <d>.</p> <p><i>Palmyrene</i> א, א (Harmatta, 2000: 181) <i>dālet</i> <d>.</p> <p><i>Sogdian</i> (Ancient Letters, early 4th c. AD) א (Skjærvø 1996: 519) <i>dālet</i> <d> /d, δ/.</p> <p><i>Arabic</i> (early) ا (Macdonald 2008: 218); (Kufic) ا (Faulmann 1880: 98); (Mauritanian) ا (Fry 1799: 6) <i>dāl</i> <d> /d/.</p>
SFG-16	<p><i>Middle Persian</i> (inscriptions, 3rd c. AD) ا (MacKenzie 1971: xi) <i>dālet</i> <d> /d, y/ (Skjærvø 1996: 519).</p> <p><i>Hatran</i> ا (PROEL: Alfabeto Hatran. http://www.proel.org/index.php?pagina=alfabetos/hatran, accessed: 2016) <d>.</p> <p><i>Armazian</i> ا (Cereteli 1948–1949 <i>apud</i> Róna-Tas 1987: 14); ا (Häberl 2006: 57) <i>dālet</i> <d>.</p>
SFG-17	<p><i>Imperial Aramaic</i> (Assyrian and Egyptian papyri) א (Faulmann 1880: 79) <i>dālet</i> <d> /d, δ/.</p> <p><i>Parthian</i> (inscriptional) א (Nyberg 1964); (inscriptions, 3rd c. AD) א (MacKenzie 1971: xi); (coins of the Parthian kings, 1st–2nd c. AD) א (Taylor 1883, vol. II: 236) <i>dālet</i> <d> /d, δ/.</p> <p><i>Nabataean</i> א <i>dālet</i> <d>.</p> <p><i>Middle Persian</i> (Psalter) ا (Skjærvø 1996: 518); (Early Cursive Pahlavi) ا (Skjærvø 1996: 518); (Book Pahlavi) ا, ا, ا (Skjærvø 1996: 518); (Book Pahlavi) ا (MacKenzie 1971: xi) <i>dālet</i> <d> /d, y/ (Skjærvø 1996: 519).</p> <p><i>Palmyrene</i> א (Harmatta, 2000: 181) <i>dālet</i> <d>.</p> <p><i>Hatran</i> (H 79, shortly before AD 240) א (Beyer 1998: 10, 47–48) <d>.</p> <p><i>Syriac</i> (Estrangela) א; (Nestorian) א <i>dōlat</i> <d, d>.</p> <p><i>Khwarazmian</i> (Chirik-Rabat [Kyzylorda Region, Kazakhstan], 4th–2nd c. BC) א (Ivantchik & Lurje 2013: 286–287); (Tok-kala, 7th–8th c. AD) א (Vainberg 1977: Table VIII) <d>.</p> <p><i>Arabic</i> (Naskh) (7th c. AD) ا (Taylor 1883, Vol. I: 326); (modern) ا (Macdonald 2008: 218) <i>dāl</i> <d> /d/.</p>
SFG-18	<p><i>Arabic</i> (early) ا (Macdonald 2008: 218); (Kufic) ا (Faulmann 1880: 98) <i>dāl</i> <d, dh> /δ/.</p>
SFG-19	<p><i>Arabic</i> (African) ا (Fry 1799: 8) <d>; (Mauritanian) ا (Fry 1799: 6); (African) ا (Fry 1799: 8); (modern) ا (Macdonald 2008: 218) <d>.</p>
SFG-20	<p><i>Old Aramaic</i> (Deir 'Allā, around 800 BC) א (Glass 2000: 14); (8th c. BC [Schniedewind 2006:140]) א; (10th–8th c. BC) א, א, א, (8th c. BC) א, (7th c. BC) א, א (Gibson 1975) <i>hē</i> <h> /h, ā/ (Segert 1997: 118).</p> <p><i>Imperial Aramaic</i> (weights, seals and coins, 8th–3rd c. BC) א (Lidzbarski 1910) <i>hē</i> <h> /h/.</p>

SFG	Features of taxa (graphemes of script variants)
SFG-21	<p><i>Old Aramaic</i> (8th c. BC) א, א, (Gibson 1975); (Nineveh, 7th c. BC) א, א (Taylor 1883, Vol. I: 250); (7th c. BC) א, א, א, א, א (Gibson 1975) <i>hē</i> <h> /h, ā/ (Segert 1997: 118).</p> <p><i>Imperial Aramaic</i> (weights, seals and coins, 8th–3rd c. BC) א, א (Lidzbarski 1910); (satrapies, 5th–4th c. BC) א, א, (monuments, Egypt, 4th–3rd c. BC) א, א, (papyrus, Egypt, 2nd c. BC) א, א (Taylor 1883, Vol. I: 250); (6th c. BC) א, א, א (Gibson 1975); (inscriptions) א (Bühler 1898: the second table after p. 124: Comparative Table of the Perso-Aramaic and the Kharoṣṭhī); (Elephantiné papyri, 6th c. BC) א (Glass 2000: 14); (6th c. BC) א (Schniedewind 2006:140); (4th c. BC) א, א (Schniedewind 2006:140); (6th c. BC) א, (4th c. BC) א, (1st c. BC) א (Schniedewind 2006: 140); (Aśoka, around 250 BC) א (Glass 2000: 14); א (MacKenzie 1971: xi); (Baktria) א, א, (Arachosia [Afghanistan & Pakistan]) א, א (Ivantchik & Lurje 2013: 290) <i>hē</i> <h> /h/.</p> <p><i>Hebrew</i> (Qumran Manuscripts, 1st c. BC) א; (Text of the Pentateuchus Masoret, 9th c. AD) א; <i>hē</i> <h> /h/.</p> <p><i>Parthian</i> (early, Nisa, 1st c. BC) א (Skjærvø 1996: 518); (inscriptions, 3rd c. AD) א (MacKenzie 1971: xi); (inscriptional) א (Skjærvø 1996: 518) <h>.</p> <p><i>Nabataean</i> (late) א (Macdonald 2008: 218) <h>.</p> <p><i>Middle Persian</i> (inscriptional Pahlavi) א (Skjærvø 1996: 518); (coins, 4th–6th c. AD) א (Taylor 1883, vol. II: 236) <h>.</p> <p><i>Palmyrene</i> א (Harmatta, 2000: 181) <h>.</p> <p><i>Hatran</i> (H 79, shortly before AD 240) א (Beyer 1998: 10, 47–48) <h>.</p> <p><i>Syriac</i> (Estrangela) א <i>hē</i> <h>.</p> <p><i>Khwarazmian</i> (Toprak-kala) א (Vainberg 1977: Table VIII) <h>.</p> <p><i>Sogdian</i> (Ancient Letters, early 4th c. AD) א, (sutra) א (Skjærvø 1996: 519) <h/h> /a, ø/.</p>
SFG-22	<p><i>Middle Persian</i> (Psalter) (Bulayīq, 6th–7th c., a copy of an origin from the 4th c. AD) א, (Book Pahlavi) א (Skjærvø 1996: 518) <h>.</p> <p><i>Armazian</i> א (Cereteli 1948–1949 <i>apud</i> Róna-Tas 1987: 14) <h>.</p> <p><i>Syriac</i> (Nestorian) א; <i>hē</i> <h>.</p> <p><i>Arabic</i> (early) א (Macdonald 2008: 218); (Naskh) (7th c. AD) א (Taylor 1883, Vol. I: 326); (Kufic) א (Faulmann 1880: 98); (Mauritanian) א (Fry 1799: 6); (African) א (Fry 1799: 8); (modern) א (Macdonald 2008: 218) <i>hā</i> <h>.</p>
SFG-23	<p><i>Old Aramaic</i> (Zinjīrlū inscriptions, late 9th – 8th c. BC) א (Jeffery 1961: 18, 24) (Deir 'Allā, around 800 BC) א (Glass 2000: 14); (8th c. BC) א; (8th c. BC) א, א (Gibson 1975); (Nineveh, 7th c. BC) א (Taylor 1883, Vol. I: 250) <i>wāw</i> <w> /w, ū, au/ (Segert 1997: 117–118).</p> <p><i>Imperial Aramaic</i> (Zinjīrlū [Zenjirli], 8th c. BC) א, (weights, seals and coins, 8th–3rd c. BC) א, א, (Tayma [Teimā], 5th–4th c. BC) א, א, א, (cursive, Egypt, 5th–3rd c. BC) א, א (Lidzbarski 1910); (satrapies, 5th–4th c. BC) א, א, (monuments, Egypt, 4th–3rd c. BC) א, א (papyrus, Egypt, 2nd c. BC) א (Taylor 1883, Vol. I: 250); (7th c. BC) א, א, א, א (Gibson 1975); (Elephantiné papyri, 6th c. BC) א (Glass 2000: 14); א; (6th c. BC) א, א, א, א, (5th/4th c. BC) א, א, א, א (Gibson 1975); (Aśoka, around 250 BC) א (Glass 2000: 14); (Leather documents of satrap and royal prince Aršāma) א, (Persepolis) א, (Daskyleion) א, (Kandahar) א (Rosenthal et al. 1986–2011: Table 3); א (MacKenzie 1971: xi) <i>wāw</i> <w> /u, ō, ū/.</p>
SFG-24	<p><i>Hebrew</i> (Qumran Manuscripts, 1st c. BC) א, (Text of the Pentateuchus Masoret, 9th c. AD) א <i>wāw</i> <w> /w/.</p> <p><i>Parthian</i> (early, Nisa, 1st c. BC) א, (inscriptional) א (Rosenthal et al. 1986–2011: Table 3); (inscriptions, 3rd c. AD) א (MacKenzie 1971: xi) <i>wāw</i> <w> /u, ō, ū/ (Häberl 2006: 57).</p> <p><i>Palmyrene</i> א (Harmatta, 2000: 181) <w>.</p> <p><i>Hatran</i> (H 79, shortly before AD 240) א (Beyer 1998: 10, 47–48) <w>.</p> <p><i>Khwarazmian</i> (Chirik-Rabat [Kyzylorda Region, Kazakhstan], 4th–2nd c. BC) א (Ivantchik & Lurje 2013: 286–287); (Toprak-kala) א (Vainberg 1977: Table VIII) (<i>waw</i>) <w>.</p> <p><i>Sogdian</i> (early, Kultobe, before 4th c. AD) א (Sims-Williams & Grenet 2006: colour illustrations without page numbering); (Ancient Letters, beginning of 4th c. AD) א (Skjærvø 1996: 519); (Ancient Letters, beginning of 4th c. AD) א (Harmatta 2004: 186); (Shatial [Gilgit-Baltistan, Pakistan]) א, א, א (Ivantchik & Lurje 2013: 290); (sutra) א (Skjærvø 1996: 519) <i>wāw</i> <w> /u, ō, ū/.</p>

SFG	Features of taxa (graphemes of script variants)
SFG-25	<i>Middle Persian</i> (inscriptions, 3 rd c. AD) 𐭣 (MacKenzie 1971: xi); (Psalter) 𐭣 (MacKenzie 1971: xi) <i>wāw</i> <w> /u, ō, ū/. <i>Armazian</i> 𐭣 (Cereteli 1948–1949 <i>apud</i> Róna-Tas 1987: 14) <w>.
SFG-26	<i>Syriac</i> (Estrangela) ܐ ; (Nestorian) ܐ <i>waw</i> <w>. <i>Sogdian</i> (sutra) 𐰽 (Skjærvø 1996: 519) <i>wāw</i> <w> /u, ō, ū/.
SFG-27	<i>Nabataean</i> (late) 𐤊 (Macdonald 2008: 218) <w>. <i>Palmyrene</i> 𐤊 (Harmatta, 2000: 181) <w>. <i>Arabic</i> (early) 𐤁 (Macdonald 2008: 218); (Naskh) (7 th c. AD) 𐤁 (Taylor 1883, Vol. I: 326); (Kufic) 𐤁 (Faulmann 1880: 98); (Mauritanian) 𐤁 (Fry 1799: 6); (African) 𐤁 (Fry 1799: 8); (modern) 𐤁 (Macdonald 2008: 218) <w>.
SFG-28	<i>Old Aramaic</i> (Zinjīrlū inscriptions, late 9 th c. – 8 th c. BC) 𐤁, 𐤂 ; (8 th c. BC) 𐤁 ; (Deir 'Allā, around 800 BC) 𐤁 (Glass 2000: 14); (10 th –9 th c. BC) 𐤁, 𐤂, 𐤃, 𐤄 ; (8 th c. BC) 𐤁, 𐤂, 𐤃, 𐤄 (Gibson 1975); (Nineveh, 7 th c. BC) 𐤁 (Taylor 1883, Vol. I: 250) <i>zayin</i> <z> /z, ʒ/ (Segert 1997: 117–118). <i>Imperial Aramaic</i> (7 th c. BC) 𐤁, 𐤂 (Gibson 1975); (inscriptions) 𐤁, 𐤂 (Bühler 1898: the second table after p. 124: Comparative Table of the Perso-Aramaic and the Kharoṣṭhī); (monumental) 𐤁, 𐤂 , (Babylonian Bowls) 𐤁, 𐤂 (Faulmann 1880: 79) <i>zayin</i> <z> /z/. <i>Middle Persian</i> (inscriptional) 𐭣 (Skjærvø 1996: 518); (Psalter) 𐭣 (MacKenzie 1971: xi) <z> /z/. <i>Armazian</i> 𐭣 (Cereteli 1948–1949 <i>apud</i> Róna-Tas 1987: 14) <z>.
SFG-29	<i>Imperial Aramaic</i> (papyrus, Egypt, 2 nd c. BC) 𐤁 (Taylor 1883, Vol. I: 250) <i>zayin</i> <z> /z/. <i>Hebrew</i> (Text of the Pentateuch Masoret, 9 th c. AD) ז ; <i>zayin</i> <z> /z/. <i>Khwarazmian</i> (coins) 𐭣, 𐭤 (Vainberg 1977: Table VIII) <z>. <i>Arabic</i> (Mauritanian) 𐤁 (Fry 1799: 6); (African) 𐤁 (Fry 1799: 8) <z>.
SFG-30	<i>Imperial Aramaic</i> (Elephantine papyri, 6 th c. BC) 𐤁 (Glass 2000: 14); (cursive, Egypt, 5 th –3 rd c. BC) 𐤁 (Lidzbarski 1910) <i>zayin</i> <z> /z/. <i>Parthian</i> (inscriptions, 3 rd c. AD) 𐭣 (MacKenzie 1971: xi) <i>zayin</i> <z> /z, ʒ/ (Häberl 2006: 57). <i>Khwarazmian</i> (coins) 𐭣 (Vainberg 1977: Table VIII) <z>. <i>Sogdian</i> (early) (Kultobe, before 4 th c. AD) 𐰽 (Sims-Williams & Grenet 2006: colour illustrations without page numbering); (Ancient Letters, beginning of 4 th c. AD) 𐰽 (Harmatta 2004: 186); (sutra) 𐰽 (Skjærvø 1996: 519) <i>zayin</i> <z> /z/. <i>Arabic</i> (early) 𐤁 (Macdonald 2008: 218); (Kufic) 𐤁 (Faulmann 1880: 98); (Naskh) (7 th c. AD) 𐤁 (Taylor 1883, Vol. I: 326); (modern) 𐤁 (Macdonald 2008: 218) <z>.
SFG-31	<i>Imperial Aramaic</i> (satrapies, 5 th –4 th c. BC) 𐤁 , (monuments, Egypt, 4 th –3 rd c. BC) 𐤁 (Taylor 1883, Vol. I: 250); (cursive, Egypt, 5 th –3 rd c. BC) 𐤁 (Lidzbarski 1910); (Assyrian and Egyptian papyri) 𐤁 (Faulmann 1880: 79); 𐤁 ; (Aśoka, around 250 BC) 𐤁 (Glass 2000: 14); 𐤁 (MacKenzie 1971: xi) <i>zayin</i> <z> /z/. <i>Hebrew</i> (Qumran Manuscripts, 1 st c. BC) ז ; <i>zayin</i> <z> /z/. <i>Parthian</i> (early, Nisa, 1 st c. AD) 𐭣 (Skjærvø 1996: 518); (inscriptional) 𐭣 (Skjærvø 1996: 518) <i>zayin</i> <z> /z, ʒ/ (Häberl 2006: 57). <i>Nabataean</i> 𐤁 (Faulmann 1880: 84) <z>. <i>Palmyrene</i> 𐤁 (Faulmann 1880: 84) <z>. <i>Hatran</i> (H 79, shortly before AD 240) 𐤁 (Beyer 1998: 10, 47–48) <z>. <i>Syriac</i> (Estrangela) ܐ ; (Nestorian) ܐ <i>zayn/zain</i> <z> /z/. <i>Sogdian</i> (early) (Kultobe, before 4 th c. AD) 𐰽 (Sims-Williams & Grenet 2006: colour illustrations without page numbering) <i>zayin</i> <z> /z/.

SFG	Features of taxa (graphemes of script variants)
SFG-32	<p><i>Old Aramaic</i> (Zinjîrlû inscriptions, late 9th c. – 8th c. BC) 𐤀, 𐤁; (8th c. BC) 𐤂; (Deir 'Allā, around 800 BC) 𐤃 (Glass 2000: 14); (Nineveh, 7th c. BC) 𐤄, 𐤅 (Taylor 1883, Vol. I: 250) <i>hēl̥</i> <h> /h/.</p> <p><i>Imperial Aramaic</i> (satrapies, 5th–4th c. BC) 𐤆, (monuments, Egypt, 4th–3rd c. BC) 𐤇, (papyrus, Egypt, 2nd c. BC) 𐤈, 𐤉 (Taylor 1883, Vol. I: 250); (papirozok) 𐤊 (Bühler 1898: the second table after p. 124: Comparative Table of the Perso-Aramaic and the Kharoṣṭhī); (Elephantine papyri, 6th c. BC) 𐤋 (Glass 2000: 14); 𐤌 (MacKenzie 1971: xi); (Aśoka, around 250 BC) 𐤍 (Glass 2000: 14) <i>hēl̥</i> <h> /h/.</p> <p><i>Parthian</i> (early, Nisa, 1st c. BC) 𐭀 (Skjærvø 1996: 518); (Avroman [Iran], 13/12 BC) 𐭁, 𐭂 (Minns 1915: 62; Ivantchik & Lurje 2013: 286–287); <i>hēl̥</i> <h> /h, ɣ/.</p>
SFG-33	<p><i>Parthian</i> (inscriptional) 𐭃 (Skjærvø 1996: 518); (inscriptions, 3rd c. AD) 𐭄 (MacKenzie 1971: xi) <i>hēl̥</i> <h> /h, ɣ/.</p> <p><i>Middle Persian</i> (Pre-Sasanian) (2nd–1st c. BC) 𐭆 (Skjærvø 1997: 100); (Psalter) (Bulayīq, 6th–7th c., a copy of an origin from the 4th c. AD) 𐭇, (Early Cursive Pahlavi) 𐭈, (Book Pahlavi) 𐭉 (Skjærvø 1996: 518); (Psalter) 𐭊 (MacKenzie 1971: xi) <i>hēl̥</i> <h> /h, ɣ/.</p> <p><i>Palmyrene</i> 𐤎; <i>hēl̥</i> <h> /h/.</p> <p><i>Hatran</i> (H 79, shortly before AD 240) 𐭏 (Beyer 1998: 10, 47–48) <h>.</p> <p><i>Syriac</i> (Estrangela) ܐ; (Nestorian) ܐ <i>hēl̥</i> <h>.</p> <p><i>Sogdian</i> (Ancient Letters, early 4th c. AD) 𐰀, 𐰁, (sutra) 𐰂, 𐰃 (Skjærvø 1996: 519) <i>hēl̥</i> <h> /ɣ, h/ (Skjærvø 1996: 519, cf. Sims-Williams 1989: 176, Table 1).</p>
SFG-34	<p><i>Imperial Aramaic</i> (inscriptions) 𐤎, 𐤏, 𐤐, (papirozok) 𐤑, 𐤒 (Bühler 1898: the second table after p. 124: Comparative Table of the Perso-Aramaic and the Kharoṣṭhī) <i>hēl̥</i> <h> /h/.</p> <p><i>Hebrew</i> (Qumran Manuscripts, 1st c. BC) 𐤠, (Text of the Pentateuchus Masoret, 9th c. AD) 𐤡; <i>hēl̥</i> <h> /h, ɣ/.</p> <p><i>Nabataean</i> 𐩀, 𐩁, 𐩂; <i>hēl̥</i> <h> /h/.</p> <p><i>Middle Persian</i> (inscriptional) 𐭌 (Skjærvø 1996: 518) <i>hēl̥</i> <h> /h, ɣ/.</p> <p><i>Armazian</i> 𐭍 (Cereteli 1948–1949 <i>apud</i> Róna-Tas 1987: 14) <h>.</p> <p><i>Khwarazmian</i> (coins) 𐭎 (Vainberg 1977: Table VIII) <h>.</p>
SFG-35	<p><i>Nabataean</i> (late) 𐩃 (Macdonald 2008: 218) <i>hēl̥</i> <h> /h/.</p> <p><i>Arabic</i> (early) 𐤎 (Macdonald 2008: 218); (Mauritanian) 𐤏 (Fry 1799: 6) <h> /h/.</p>
SFG-36	<p><i>Parthian</i> (inscriptions, 3rd c. AD) 𐭓 (MacKenzie 1971: xi) <i>hēl̥</i> <h> /h, ɣ/.</p> <p><i>Arabic</i> (Naskh) (7th c. AD) 𐤎 (Taylor 1883, Vol. I: 326); (Kufic) 𐤏 (Faulmann 1880: 98); (African) 𐤐 (Fry 1799: 8); (modern) 𐤑 (Macdonald 2008: 218) <i>hā' /kha</i> <h> /h/.</p>
SFG-37	<i>Arabic</i> (Kufic) 𐤏 (Faulmann 1880: 98) <i>hā' /kha</i> <h> /x/.
SFG-38	<i>Arabic</i> (African) 𐤐 (Fry 1799: 8); (modern) 𐤑 (Macdonald 2008: 218) <i>hā' /kha</i> <h>.
SFG-39	<p><i>Old Aramaic</i> (Zinjîrlû inscriptions, late 9th c. – 8th c. BC) 𐤑, 𐤒; (8th c. BC) 𐤓; (Zinjîrlû inscriptions, late 9th c. – 8th c. BC) 𐤔; (7th c. BC) 𐤕, 𐤖, 𐤗 (Gibson 1975) <i>tēl̥</i> <t> /t^ɕ/.</p> <p><i>Imperial Aramaic</i> (papyrus, Egypt, 2nd c. BC) 𐤛 (Taylor 1883, Vol. I: 250); (7th c. BC) 𐤜 (Gibson 1975); 𐤝, 𐤞 (MacKenzie 1971: xi) <i>tēl̥</i> <t> /t^ɕ/.</p> <p><i>Hebrew</i> (Qumran Manuscripts, 1st c. BC) 𐤛, <i>tēl̥</i> <t> /t^ɕ/.</p>
SFG-40	<i>Syriac</i> (Estrangela) ܬ; (Nestorian) ܬ <i>tēl̥</i> <t> /t ^ɕ /.
SFG-41	<p><i>Parthian</i> (inscriptional) 𐭕 (Rosenthal et al. 1986–2011: Table 3); 𐭖 (Skjærvø 1996: 518); (inscriptions, 3rd c. AD) 𐭗 (MacKenzie 1971: xi) <i>tēl̥</i> <t> (There was no Parthian <i>tēl̥</i> [Skjærvø, Prods Oktor: Personal communication in e-mail, 8 July 2018]).</p> <p><i>Nabataean</i> 𐩛 (Nyberg 1964) <i>tēl̥</i> <t> /t^ɕ/.</p>

SFG	Features of taxa (graphemes of script variants)
SFG-42	<p><i>Imperial Aramaic</i> (papyrus, Egypt, 2nd c. BC) 𐤀 (Taylor 1883, Vol. I: 250); (7th c. BC) 𐤁 (Gibson 1975); 𐤂 (MacKenzie 1971: xi) <i>tēl</i> <ṭ> /t^ʕ/.</p> <p><i>Hebrew</i> (Text of the Pentateuchus Masoret, 9th c. AD) 𐤄 <i>tēl</i> (<i>theth</i>) <ṭ> /t^ʕ/.</p> <p><i>Parthian</i> (early, Nisa, 1st c. BC) 𐭪 (Rosenthal et al. 1986–2011: Table 3); 𐭫 (Skjærvø 1996: 518) <i>tēl</i> <ṭ> (There was no Parthian <i>tēl</i>. [Skjærvø, Prods Okto: Personal communication in e-mail, 8 July 2018]).</p> <p><i>Nabataean</i> 𐤁 (Garbini 1979, Fig. 7); 𐤂 (Nyberg 1964); (late) 𐤃 (Macdonald 2008: 218) <i>tēl</i> <ṭ> /t^ʕ/.</p> <p><i>Middle Persian</i> (inscriptional) 𐭪 (Skjærvø 1996: 518) <i>tēl</i> <ṭ>.</p> <p><i>Palmyrene</i> 𐤁 (Nyberg 1964) <i>tēl</i> <ṭ> /t^ʕ/.</p> <p><i>Hatran</i> (H 79, shortly before AD 240) 𐭪 (Beyer 1998: 10, 47–48) <ṭ>.</p> <p><i>Armazian</i> 𐭪 (Cereteli 1948–1949 <i>apud</i> Róna-Tas 1987: 14) <ṭ>.</p> <p><i>Arabic</i> (early) 𐤁 (Macdonald 2008: 218); (Naskh) (7th c. AD) 𐤁 (Taylor 1883, Vol. I: 326); (Kufic) 𐤁 (Faulmann 1880: 98); (Mauritanian) 𐤁 (Fry 1799: 6); (African) 𐤁 (Fry 1799: 8); (modern) 𐤁 (Macdonald 2008: 218) <i>tā’/ta</i> <ṭ>.</p>
SFG-43	<p><i>Arabic</i> (early) 𐤁 (Macdonald 2008: 218); (Kufic) 𐤁 (Faulmann 1880: 98) <i>zā’/za</i> <z> [z^ʕ, ð^ʕ, θ’].</p>
SFG-44	<p><i>Arabic</i> (Mauritanian) 𐤁 (Fry 1799: 6); (African) 𐤁 (Fry 1799: 8); (modern) 𐤁 (Macdonald 2008: 218) <i>zā’/za</i> <z> [z^ʕ, ð^ʕ, θ’].</p>
SFG-45	<p><i>Old Aramaic</i> (8th c. BC) 𐤁; (Nineveh, 7th c. BC) 𐤁, 𐤂 (Taylor 1883, Vol. I: 250) <i>yōd</i> <y> /y, ī, ai/ (Segert 1997: 118) [j].</p> <p><i>Imperial Aramaic</i> (satrapies, 5th–4th c. BC) 𐤁, 𐤂, (papyrus, Egypt, 2nd c. BC) 𐤁 (Taylor 1883, Vol. I: 250); (7th c. BC) 𐤁, 𐤂, 𐤃, (6th c. BC) 𐤁, 𐤂, 𐤃, 𐤄, (5th/4th c. BC) 𐤁, 𐤂, 𐤃 (Gibson 1975); (monumental) 𐤁, 𐤂, (Assyrian and Egyptian papyri) 𐤁 (Faulmann 1880: 79); (Leather documents of satrap and royal prince Aršāma) 𐤁, (Persepolis) 𐤁 (Rosenthal et al. 1986–2011: Table 3); (satrapies and Egypt, 4th–3rd BC) 𐤁 (Taylor 1883, Vol. II: 236); (Aśoka, around 250 BC) 𐤁 (Glass 2000: 14); (Baktria) 𐤁, 𐤂 (Ivantchik & Lurje 2013: 290) <i>yōd</i> <y> /y, ī/.</p>
SFG-46	<p><i>Imperial Aramaic</i> (monuments, Egypt, 4th–3rd c. BC) 𐤁, 𐤂, (papyrus, Egypt, 2nd c. BC) 𐤁 (Taylor 1883, Vol. I: 250); (Assyrian and Egyptian papyri) 𐤁 (Faulmann 1880: 79); 𐤁 (MacKenzie 1971: xi); (Aśoka, around 250 BC) 𐤁 (Glass 2000: 14); (Baktria) 𐤁, (Arachosia [Afghanistan & Pakistan]) 𐤁, 𐤂, 𐤃 (Ivantchik & Lurje 2013: 290) <i>yōd</i> <y> /y, ī/.</p> <p><i>Hebrew</i> (Qumran Manuscripts, 1st c. BC) 𐤁, (Text of the Pentateuchus Masoret, 9th c. AD) 𐤁 <i>yōd</i> <y> /y/.</p> <p><i>Parthian</i> (early) (Nisa, 1st c. BC) 𐭪 (Skjærvø 1996: 518); (Nisa) 𐭪, 𐭫, 𐭬, (Avroman, 13/12 BC) 𐭪, 𐭫, 𐭬 (Ivantchik & Lurje 2013: 290); (inscriptional) 𐭪 (Skjærvø 1996: 518); 𐭪 (Rosenthal et al. 1986–2011: Table 3); (inscriptions, 3rd c. AD) 𐭪 (MacKenzie 1971: xi) <i>yōd</i> <y> /y, ē, ī/.</p> <p><i>Middle Persian</i> (inscriptional) 𐭪, (Psalter) (Bulayīq, 6th–7th c., a copy of an origin from the 4th c. AD) 𐭪, 𐭫, (Early Cursive Pahlavi) 𐭪, (Book Pahlavi) 𐭪, 𐭫, 𐭬 (Skjærvø 1996: 518); (inscriptions, 3rd c. AD) 𐭪 (MacKenzie 1971: xi); (Book Pahlavi) 𐭪 (MacKenzie 1971: xi) <i>yōd</i> <y> /y, ē, ī, j/.</p> <p><i>Palmyrene</i> 𐤁, 𐤂 (Harmatta, 2000: 181); (Palmyra, 2nd c. AD) 𐤁 (Taylor 1883, Vol. II: 236) <i>yōd</i> <y>.</p> <p><i>Syriac</i> (Estrangela) 𐤁; (Nestorian) 𐤁 <i>yūd/yodh</i> <y>.</p> <p><i>Armazian</i> 𐭪 (Cereteli 1948–1949 <i>apud</i> Róna-Tas 1987: 14) <y>.</p> <p><i>Khwarazmian</i> (Toprak-kala) 𐭪 (Vainberg 1977: Table VIII); (Chirik-Rabat [Kyzylorda Region, Kazakhstan], 4th–2nd c. BC) 𐭪 (Ivantchik & Lurje 2013: 286–287) <i>yodh</i> <y>.</p> <p><i>Sogdian</i> (sutra) 𐭪, 𐭫 (Skjærvø 1996: 519) <i>yōd</i> <y> /y, ē, ī/.</p> <p><i>Arabic</i> (early) 𐤁 (Macdonald 2008: 218) <i>yā’/ye</i> <y, ī> [j, i:].</p>
SFG-47	<p><i>Nabataean</i> (late) 𐤁 (Macdonald 2008: 218) <y>.</p> <p><i>Hatran</i> (H 79, shortly before AD 240) 𐭪 (Beyer 1998: 10, 47–48) <y>.</p> <p><i>Sogdian</i> (early, Kultobe, before 4th c. AD) 𐭪 (Sims-Williams & Grenet 2006: colour illustrations without page numbering); (Ancient Letters, beginning of 4th c. AD) 𐭪 (Skjærvø 1996: 519) <i>yōd</i> <y> /y, ē, ī/.</p> <p><i>Arabic</i>(Kufic) 𐤁 (Faulmann 1880: 98); (African) 𐤁 (Fry 1799: 8) <i>yā’</i> <y, ī> [j, i:].</p>
SFG-48	<p><i>Arabic</i> (Naskh) (7th c. AD) 𐤁 (Taylor 1883, Vol. I: 326); (Mauritanian) 𐤁 (Fry 1799: 6); (modern) 𐤁 (Macdonald 2008: 218) <y, ī>.</p>

SFG	Features of taxa (graphemes of script variants)
SFG-49	<p><i>Old Aramaic</i> (Bar-Hadad, 9th c. BC) 𐤀 (PROEL: Alfabeto Arameo. http://www.proel.org/index.php?pagina=alfabetos/hatran, accessed: 26th May 2018); (10th–5th/4th c. BC) 𐤁 (Gibson 1975); (Deir 'Allā, around 800 BC) 𐤂 (Glass 2000: 14); (Nineveh, 7th c. BC) 𐤃 (Taylor 1883, Vol. I: 250) <i>kāp̄</i> <k> /k/.</p> <p><i>Imperial Aramaic</i> (satrapies, 5th–4th c. BC) 𐤄, 𐤅, 𐤆, (monuments, Egypt, 4th–3rd c. BC) 𐤇, (papyrus, Egypt, 2nd c. BC) 𐤈, 𐤉 (Taylor 1883, Vol. I: 250); (monumental, 6th c. BC) 𐤊, (cursive, 5th–4th c. BC) 𐤋 (Mnamon: Aramaic. http://mnamon.sns.it/index.php?page=Simboli&id=2, accessed: 26th May, 2018); (monumental) 𐤌 (Faulmann 1880: 79); (inscriptions) 𐤍, 𐤎 (Bühler 1898: the second table after p. 124: Comparative Table of the Perso-Aramaic and the Kharoṣṭhī); (Elephantiné papyri, 6th c. BC) 𐤏 (Glass 2000: 14); 𐤐, 𐤑; (Aśoka, around 250 BC) 𐤒 (Glass 2000: 14); (Leather documents of satrap and royal prince Aršāma) 𐤓, (Persepolis) 𐤔, (Daskyleion) 𐤕, (Kandahar) 𐤖 (Rosenthal et al. 1986–2011: Table 3); 𐤗 (MacKenzie 1971: xi) <i>kāp̄</i> <k> /k, ɣ/.</p> <p><i>Parthian</i> (Nisa, 1st c. BC) 𐭀 (Skjærvø 1996: 518); (Nisa) 𐭁, 𐭂, 𐭃, 𐭄 (Ivantchik & Lurje 2013: 290); (inscriptions, 3rd c. AD) 𐭅 (MacKenzie 1971: xi) <i>kāp̄</i> <k> /g, k/.</p> <p><i>Palmyrene</i> 𐤐, 𐤑 (Faulmann 1880: 84) <k>.</p> <p><i>Khwarazmian</i> (coins) 𐭆 (Vainberg 1977: Table VIII) <k>.</p> <p><i>Sogdian</i> (early, Kultobe, before 4th c. AD) 𐭇 (Sims-Williams & Grenet 2006: colour illustrations without page numbering); (Ancient Letters, early 4th c. AD) 𐭈 (Skjærvø 1996: 519); (Ancient Letters, beginning of 4th c. AD) 𐭉 (Harmatta 2004: 186); (sutra) 𐭊, 𐭋 (Skjærvø 1996: 519) <i>kāp̄</i> <k> /k/.</p>
SFG-50	<p><i>Hebrew</i> (Qumran Manuscripts, 1st c. BC) 𐤀, (Text of the Pentateuchus Masoret, 9th c. AD) 𐤁 <i>kaf</i> <k> /k/.</p> <p><i>Hebrew</i> 𐤂 <i>kaf</i> <k> /ɣ, h/.</p> <p><i>Hebrew</i> 𐤃 <i>end kaf</i> <k> /k/.</p> <p><i>Hebrew</i> 𐤄 <i>end kaf</i> <k> /ɣ, h/.</p> <p><i>Parthian</i> (inscriptional) 𐭀 (Skjærvø 1996: 518) <i>kāp̄</i> <k> /g, k/.</p> <p><i>Nabataean</i> (late) 𐤁 (Macdonald 2008: 218) <k>.</p> <p><i>Middle Persian</i> (inscriptions, 3rd c. AD) 𐭀 (MacKenzie 1971: xi); 𐭁 (Skjærvø 1996: 518), (coins, 4th–6th c. AD) 𐭂, 𐭃 (Taylor 1883, vol. II: 236); (Psalter) (Bulayīq, 6th–7th c. AD, a copy of an origin from the 4th c. AD) 𐭄 (Skjærvø 1996: 518); (Psalter) 𐭅 (MacKenzie 1971: xi); (Early Cursive Pahlavi) 𐭆 (Skjærvø 1996: 518); (Book Pahlavi) 𐭇 (Skjærvø 1996: 518); (Book Pahlavi) 𐭈 (MacKenzie 1971: xi) <i>kāp̄</i> <k> /g, k/.</p> <p><i>Hatran</i> (H 79, shortly before AD 240) 𐭉 (Beyer 1998: 10, 47–48) <k>.</p> <p><i>Syriac</i> (Estrangela) ܐ (isolated) (Faulmann 1880: 85); ܐ, ܐ, ܐ (isolated, ending), ܐ, ܐ, ܐ (beginning, middle); ܐ (Taylor 1883, Vol. I: 227); (Nestorian) ܐ, ܐ (isolated), ܐ (ending), ܐ (beginning, middle) <i>kōp̄/kaf</i> <k>.</p> <p><i>Armazian</i> 𐭇 (Cereteli 1948–1949 <i>apud</i> Róna-Tas 1987: 14) <k>.</p> <p><i>Arabic</i> (early) 𐤀 (Macdonald 2008: 218); (Naskh) (7th c. AD) 𐤁 (Taylor 1883, Vol. I: 326); (Kufic) 𐤂 (Faulmann 1880: 98); (Mauritanian) 𐤃 (Fry 1799: 6); (African) 𐤄 (Fry 1799: 8); (modern) 𐤅 (Macdonald 2008: 218) <i>kāf/kef</i> <k> /k/.</p>
SFG-51	<p><i>Old Aramaic</i> (8th c. BC) 𐤀; (Deir 'Allā, around 800 BC) 𐤁 (Glass 2000: 15); (7th c. BC) 𐤂, 𐤃, 𐤄, (6th c. BC) 𐤅 (Gibson 1975); (Nineveh, 7th c. BC) 𐤆 (Taylor 1883, Vol. I: 250) <i>lāmaḍ</i> <l> /l/.</p> <p><i>Imperial Aramaic</i> (satrapies, 5th–4th c. BC) 𐤇, 𐤈, (monuments, Egypt, 4th–3rd c. BC) 𐤉 (Taylor 1883, Vol. I: 250); (Elephantiné papyri, 6th c. BC) 𐤊 (Glass 2000: 15) <i>lāmaḍ</i> <l> /l/.</p>

SFG	Features of taxa (graphemes of script variants)
SFG-52	<p><i>Imperial Aramaic</i> 𐤀; (Aśoka, around 250 BC) 𐤀 (Glass 2000: 15); 𐤀 (MacKenzie 1971: xi) <i>lāmaq</i> <l> /l/. <i>Hebrew</i> (Qumran Manuscripts, 1st c. BC) 𐤀, (Text of the Pentateuchus Masoret, 9th c. AD) 𐤀; <i>lāmed</i> <l> /l/. <i>Parthian</i> (early) (Nisa, 1st c. BC) 𐭠 (Rosenthal et al. 1986–2011: Table 3); (coins of the Parthian kings, 1st–2nd c. AD) 𐭠, 𐭡, 𐭢, 𐭣 (Taylor 1883, vol. II: 236); (inscriptional) 𐭠 (Skjærvø 1996: 518); (Hājiābād, 3rd c. AD) 𐭠, 𐭡, (Taylor 1883, vol. II: 236); (inscriptions, 3rd c. AD) 𐭠 (MacKenzie 1971: xi) <i>lāmaq</i> <l> /l/. <i>Nabataean</i> 𐤁, 𐤂 (Garbini 1979: Fig. 7) <i>lāmaq</i> <l> /l/. <i>Middle Persian</i> (inscriptional) 𐭠 (Skjærvø 1997: 100); (Hājiābād, 3rd c. AD) 𐭠, (coins, 4th–6th c. AD) 𐭠 (Taylor 1883, Vol. II: 236); (inscriptional) 𐭠 (Rosenthal et al. 1986–2011: Table 3); 𐭠; (Psalter) (Bulayīq, 6th–7th c., a copy of an origin from the 4th c. AD) 𐭠 (Skjærvø 1996: 518); (Psalter) 𐭠 (MacKenzie 1971: xi) <i>lāmaq</i> <l> /l/. <i>Palmyrene</i> 𐤁 (Harmatta 2000: 181); 𐤁 (Faulmann 1880: 84) <i>lāmaq</i> <l> /l/.</p>
SFG-53	<p><i>Nabataean</i> (late) 𐤁 (Macdonald 2008: 218) <i>lāmaq</i> <l> /l/. <i>Middle Persian</i> (Book Pahlavi) 𐭠 (Skjærvø 1996: 518–519); (Book Pahlavi) 𐭠 (MacKenzie 1971: xi) <i>lāmaq</i> <l> /l/. <i>Palmyrene</i> 𐤁, 𐤂 (Harmatta 2000: 181) <i>lāmaq</i> <l> /l/. <i>Hatran</i> (H 79, shortly before AD 240) 𐭠 (Beyer 1998: 10, 47–48) <l>. <i>Syriac</i> (Estrangela) 𐤁; (Nestorian) 𐤁 <i>lōmaq/lamadh</i> <l> /l/. <i>Armazian</i> 𐭠 (Cereteli 1948–1949 <i>apud</i> Róna-Tas 1987: 14) <l>. <i>Khwarazmian</i> (coins) 𐭠 (Vainberg 1977: Table VIII) <l>. <i>Sogdian</i> (Ancient Letters, early 4th c. AD) 𐭠 (Skjærvø 1996: 519); (Ancient Letters, early 4th c. AD) 𐭠 (Harmatta 2004: 186); (Sutra) 𐭠, 𐭡 (Skjærvø 1996: 519) <i>lāmaq</i> <l, δ> /δ/ (Skjærvø 1996: 519). <i>Arabic</i> (early) 𐤁 (Macdonald 2008: 218); (Naskh) (7th c. AD) 𐤁 (Taylor 1883, Vol. I: 326); (Kufic) 𐤁 (Faulmann 1880: 98); (Mauritanian) 𐤁 (Fry 1799: 6); (African) 𐤁 (Fry 1799: 8); (modern) 𐤁 (Macdonald 2008: 218) <i>lām</i> <l> /l/.</p>
SFG-54	<p><i>Old Aramaic</i> (8th c. BC) 𐤁; (Deir 'Allā, around 800 BC) 𐤁 (Glass 2000: 15); (8th–3rd c. BC) 𐤁; (10th–7th c. BC) 𐤁 (Gibson 1975); (Nineveh, 7th c. BC) 𐤁, 𐤂 (Taylor 1883, Vol. I: 250) <i>mēm</i> <m> /m/. <i>Imperial Aramaic</i> (satrapies, 5th–4th c. BC) 𐤁, (monuments, Egypt, 4th–3rd c. BC) 𐤁, (papyrus, Egypt, 2nd c. BC) 𐤁, 𐤂 (Taylor 1883, vol. I: 250); (7th–5th/4th c. BC) 𐤁 (Gibson 1975); (Elephantine Papyri, 6th c. BC) 𐤁 (Glass 2000: 15); 𐤁 (MacKenzie 1971: xi); 𐤁; (Aśoka, around 250 BC) 𐤁 (Benveniste & Dupont-Sommer 1966: fig. 2; Glass 2000: 15); (Babylonian Bowls) 𐤁, 𐤂 (Faulmann 1880: 79) <i>mēm</i> <m> /m/. <i>Hebrew</i> (Qumran Manuscripts, 1st c. BC) 𐤁, (Text of the Pentateuchus Masoret, 9th c. AD) 𐤁 <i>mēm</i> <m> /m/. <i>Parthian</i> (inscriptions, 3rd c. AD) 𐭠 (MacKenzie 1971: xi); 𐭠 (Skjærvø 1996: 518); (coins of the Parthian kings, 1st–2nd c. AD) 𐭠, 𐭡 (Taylor 1883, vol. II: 236) <i>mēm</i> <m> /m/. <i>Palmyrene</i> 𐤁, (cursive) 𐤁, 𐤂 (Harmatta, 2000: 181) <m>. <i>Hatran</i> (H 79, shortly before AD 240) 𐭠 (Beyer 1998: 10, 47–48) <m>. <i>Armazian</i> 𐭠 (Cereteli 1948–1949 <i>apud</i> Róna-Tas 1987: 14) <m>. <i>Khwarazmian</i> (coins) 𐭠 (Vainberg 1977: Table VIII) <m>. <i>Sogdian</i> (Ancient Letters, early 4th c. AD) 𐭠 (Skjærvø 1996: 519); (Ancient Letters, beginning of 4th c. AD) 𐭠 (Harmatta 2004: 186); (early) 𐭠 (Clauson 1970: 74) <m> /m/.</p>

SFG	Features of taxa (graphemes of script variants)
SFG-55	<p><i>Imperial Aramaic</i> (Babylonian Bowls) 𐤢 (Faulmann 1880: 79) <i>mēm</i> <m> /m/. <i>Hebrew</i> 𐤌 <i>end mēm</i> <m> /m/. <i>Nabataean (late)</i> 𐤌 (Macdonald 2008: 218) <m>. <i>Middle Persian</i> (inscriptional) (coins, 4th–6th c. AD) 𐭪 (Taylor 1883, vol. II: 236); (inscriptions, 3rd c. AD) 𐭪 (MacKenzie 1971: xi); 𐭪 (Rosenthal et al. 1986–2011: Table 3); 𐭪 (Skjærvø 1996: 518); (Psalter) (Bulayīq, 6th–7th c., a copy of an origin from the 4th c. AD) 𐭪 (Skjærvø 1996: 518); (Psalter) 𐭪 (MacKenzie 1971: xi); (Psalter) 𐭪 (Rosenthal et al. 1986–2011: Table 3); (Early Cursive Pahlavi) 𐭪 (Skjærvø 1996: 518); (Book Pahlavi) 𐭪 (Skjærvø 1996: 518); (Book Pahlavi) 𐭪 (MacKenzie 1971: xi); (Book Pahlavi) 𐭪 (Rosenthal et al. 1986–2011: Table 3) <i>mēm</i> <m> /m/. <i>Syriac</i> (Estrangela) ܡ (ending), ܡ (beginning, middle); (Nestorian) ܡ (ending), ܡ (beginning, middle) <i>mīm/mim</i> <m>. <i>Khwarazmian</i> (coins) 𐭪, 𐭪, 𐭪 (Vainberg 1977: Table VIII) <m>. <i>Sogdian</i> (sutra) 𐭪, 𐭪 (Skjærvø 1996: 519) <m> /m/.</p>
SFG-56	<p><i>Nabataean (late)</i> 𐤌 (Macdonald 2008: 218) <m>. <i>Arabic</i> (early) 𐤌 (Macdonald 2008: 218); (Naskh) (7th c. AD) 𐤌 (Taylor 1883, Vol. I: 326); (Kufic) 𐤌 (Faulmann 1880: 98); (Mauritanian) 𐤌 (Fry 1799: 6); (African) 𐤌 (Fry 1799: 8); (modern) 𐤌 (Macdonald 2008: 218) <i>mīm</i> <m> /m/.</p>
SFG-57	<p><i>Old Aramaic</i> (8th c. BC) 𐤌; (Deir 'Allā, around 800 BC) 𐤌 (Glass 2000: 14); (Nineveh, 7th c. BC) 𐤌 (Taylor 1883, Vol. I: 250) <i>nūn</i> <n> /n/. <i>Imperial Aramaic</i> (satrapies, 5th–4th c. BC) 𐤌, (monuments, Egypt, 4th–3rd c. BC) 𐤌, (papyrus, Egypt, 2nd c. BC) 𐤌 (Taylor 1883, Vol. I: 250); 𐤌 (MacKenzie 1971: xi); (Elephantine papyri, 6th c. BC) 𐤌 (Glass 2000: 14); (7th c. BC) 𐤌, (6th c. BC) 𐤌, 𐤌, (5th/4th c. BC) 𐤌 (Gibson 1975); (satrapies and Egypt, 4th–3rd c. BC) 𐤌 (Taylor 1883, Vol. II: 236); (Leather documents of satrap and royal prince Aršāma) 𐤌, (Persepolis) 𐤌, (Daskyleion) 𐤌, (Kandahar) 𐤌 (Rosenthal et al. 1986–2011: Table 3); (monumental) 𐤌, (Babylonian Bowls) 𐤌 (Faulmann 1880: 79); (Aśoka, around 250 BC) 𐤌 (Glass 2000: 14) <i>nūn</i> <n> /n/. <i>Hebrew</i> (Text of the Pentateuchus Masoret, 9th c. AD) 𐤌 <i>nūn</i> <n> /n/. <i>Parthian</i> (early, Nisa, 1st c. BC) 𐭪 (Rosenthal et al. 1986–2011: Table 3) <i>nūn</i> <n> /n/. <i>Middle Persian</i> (inscriptional) 𐭪 (Rosenthal et al. 1986–2011: Table 3) <i>nūn</i> <n> /n/. <i>Palmyrene</i> 𐤌 (Harmatta, 2000: 181); (Palmyra, 2nd c. AD) 𐤌, 𐤌 (Taylor 1883, Vol. II: 236); 𐤌 (Harmatta 2000: 181) <i>nūn</i> <n> /n/.</p>
SFG-58	<p><i>Imperial Aramaic</i> (papyrus, Egypt, 2nd c. BC) 𐤌 (Taylor 1883, Vol. I: 250); (7th c. BC) 𐤌, 𐤌, (6th c. BC) 𐤌, 𐤌 (Gibson 1975); (Babylonian Bowls) 𐤌, 𐤌 (Faulmann 1880: 79) <i>nūn</i> <n> /n/. <i>Hebrew</i> (Qumran Manuscripts, 1st c. BC) 𐤌 <i>nūn</i> <n> /n/. <i>Hebrew</i> 𐤌 <i>end nūn</i> <n> /n/. <i>Parthian</i> (early, Nisa, 1st c. BC) 𐭪 (Skjærvø 1996: 518); (early, Nisa, 1st c. BC) 𐭪 (Rosenthal et al. 1986–2011: Table 3); (inscriptional) 𐭪 (Skjærvø 1996: 518); (inscriptions, 3rd c. AD) 𐭪 (MacKenzie 1971: xi); 𐭪 (Rosenthal et al. 1986–2011: Table 3); (coins of the Parthian kings, 1st–2nd c. AD) 𐭪, (Hājiābād, 3rd c. AD) 𐭪 (Taylor 1883, vol. II: 236) <i>nūn</i> <n> /n/. <i>Nabataean</i> 𐤌; (late) 𐤌 (Macdonald 2008: 218); 𐤌 <i>nūn</i> <n> /n/. <i>Middle Persian</i> (Book Pahlavi) 𐭪 (Rosenthal et al. 1986–2011: Table 3) <i>nūn</i> <n> /n/. <i>Palmyrene</i> 𐤌 (Harmatta, 2000: 181) <i>nūn</i> <n> /n/. <i>Hatran</i> (H 79, shortly before AD 240) 𐭪 (Beyer 1998: 10, 47–48) <n>. <i>Syriac</i> (Estrangela) ܢ (isolated), ܢ (ending), ܢ (beginning, middle); (Nestorian) ܢ (isolated), ܢ (ending), ܢ (beginning, middle) <i>nūn/nun</i> <n> /n/. <i>Armazian</i> 𐭪, 𐭪 (Cereteli 1948–1949 <i>apud</i> Róna-Tas 1987: 14) <n>. <i>Khwarazmian</i> (Tok-kala, 7th–8th c. AD) 𐭪 (Vainberg 1977: Table VIII) <n>. <i>Sogdian</i> (early, Kultobe, before 4th c. AD) 𐭪 (Sims-Williams & Grenet 2006: colour illustrations without page numbering); (Ancient Letters, early 4th c. AD) 𐭪 (Skjærvø 1996: 519); (Ancient Letters, beginning of 4th c. AD) 𐭪 (Harmatta 2004: 186); (sutra) 𐭪, 𐭪 (Skjærvø 1996: 519) <n>. <i>Arabic</i> (early) 𐤌 (Macdonald 2008: 218); (Kufic) 𐤌 (Faulmann 1880: 98) <i>nūn</i> <n> /n/.</p>

SFG	Features of taxa (graphemes of script variants)
SFG-59	<i>Arabic</i> (Naskh) (7 th c. AD) ﺍ (Taylor 1883, Vol. I: 326); (Mauritanian) ﺍ (Fry 1799: 6); (African) ﺍ (Fry 1799: 8); (modern) ﺍ (Macdonald 2008: 218) <i>nūn</i> <n> /n/.
SFG-60	<i>Old Aramaic</i> (Zinjīrlū inscriptions, late 9 th c. – 8 th c. BC) 𐤀, 𐤁; (8 th c. BC) 𐤂; (8 th c. BC) 𐤃 (MNAMON: Aramaic. http://mnamon.sns.it/index.php?page=Simboli&id=2&lang=en , accessed: 19 th July 2018); (Deir 'Allā, around 800 BC) 𐤄 (Glass 2000: 14); (8 th c. BC) 𐤅, (7 th c. BC) 𐤆 (Gibson 1975); (Nineveh, 7 th c. BC) 𐤇 (Taylor 1883, Vol. I: 250) <i>semkat</i> <s> /s/. <i>Imperial Aramaic</i> (satrapies, 5 th –4 th c. BC) 𐤈, 𐤉 (Taylor 1883, Vol. I: 250); (7 th c. BC) 𐤊, 𐤋, 𐤌, 𐤍, 𐤎, 𐤏, 𐤐, 𐤑, 𐤒, 𐤓, 𐤔, 𐤕, 𐤖, 𐤗, 𐤘, 𐤙, 𐤚, 𐤛, 𐤜, 𐤝, 𐤞, 𐤟, 𐤠, 𐤡, 𐤢, 𐤣, 𐤤, 𐤥, 𐤦, 𐤧, 𐤨, 𐤩, 𐤪, 𐤫, 𐤬, 𐤭, 𐤮, 𐤯, 𐤰, 𐤱, 𐤲, 𐤳, 𐤴, 𐤵, 𐤶, 𐤷, 𐤸, 𐤹, 𐤺, 𐤻, 𐤼, 𐤽, 𐤾, 𐤿; (6 th c. BC) 𐤀, 𐤁 (Gibson 1975); (Tayma [Teimā], 5 th –4 th c. BC) 𐤆 (Lidzbarski 1910); 𐤇; (monumental) 𐤈, (Assyrian and Egyptian papyri) 𐤉 (Faulmann 1880: 79); 𐤊 (MacKenzie 1971: xi) <i>sāmek</i> <s> /s/.
SFG-61	<i>Imperial Aramaic</i> (monuments, Egypt, 4 th –3 rd c. BC) 𐤌, 𐤍, (papyrus, Egypt, 2 nd c. BC) 𐤎 (Taylor 1883, Vol. I: 250); (Elephantine papyri, 6 th c. BC) 𐤏 (Glass 2000: 14); (Assyrian and Egyptian papyri) 𐤐 (Faulmann 1880: 79); (Aśoka, around 250 BC) 𐤑 (Glass 2000: 14) <i>semkat</i> <s> /s/. <i>Parthian</i> (inscriptional) 𐭀 (Skjærvø 1996: 518); (inscriptions, 3 rd c. AD) 𐭁 (MacKenzie 1971: xi) <i>semkat</i> <s> /s/. <i>Middle Persian</i> (inscriptions, 3 rd c. AD) 𐭂 (MacKenzie 1971: xi); (Psalter) (Bulayiq, 6 th –7 th c., a copy of an origin from the 4 th c. AD) 𐭃 (Skjærvø 1996: 518); (Psalter) 𐭄 (MacKenzie 1971: xi); (Book Pahlavi) 𐭅 (MacKenzie 1971: xi) <i>semkat</i> <s> /s/. <i>Palmyrene</i> 𐤆, 𐤇 (Faulmann 1880: 84) <i>semkat</i> <s> /s/. <i>Hatran</i> (H 79, shortly before AD 240) 𐭈 (Beyer 1998: 10, 47–48) <s>. <i>Armazian</i> 𐭉 (Cereteli 1948–1949 <i>apud</i> Róna-Tas 1987: 14) <s>. <i>Khwarazmian</i> (coins) 𐭊 (Vainberg 1977: Table VIII) <s>. <i>Sogdian</i> (Ancient Letters, early 4 th c. AD) 𐭋 (Skjærvø 1996: 519); (sutra) 𐭌, 𐭍 (Skjærvø 1996: 519) <i>semkat</i> <s> /s/.
SFG-62	<i>Imperial Aramaic</i> (Babylonian Bowls) 𐤌, 𐤍 (Faulmann 1880: 79) <i>semkat</i> <s> /s/. <i>Hebrew</i> (Qumran Manuscripts, 1 st c. BC) 𐤎, (Text of the Pentateuchus Masoret, 9 th c. AD) 𐤎 <i>sāmek</i> <s> /s/. <i>Nabataean</i> 𐤎, 𐤏 (Garbini 1979: Fig. 7) <i>semkat</i> <s> /s/. <i>Syriac</i> (Estrangela) 𐤎 (ending), 𐤏 (Taylor 1883, Vol. I: 288), 𐤐 (beginning, middle); (Nestorian) 𐤑 (ending), 𐤒 (beginning, middle) <i>semkat</i> <s>. <i>Khwarazmian</i> (coins) 𐭊 (Vainberg 1977: Table VIII) <s>.
SFG-63	<i>Old Aramaic</i> (8 th c. BC) 𐤏; (10 th –7 th c. BC) 𐤐 (Gibson 1975); (Nineveh, 7 th c. BC) 𐤑 (Taylor 1883, Vol. I: 250) <i>ayin</i> <'> /ʕ/. <i>Imperial Aramaic</i> (satrapies, 5 th –4 th c. BC) 𐤒, 𐤓, (monuments, Egypt, 4 th –3 rd c. BC) 𐤔, (papyrus, Egypt, 2 nd c. BC) 𐤕 (Taylor 1883, Vol. I: 250); (7 th –5 th /4 th c. BC) 𐤖 (Gibson 1975); 𐤗; (monumental) 𐤘 (Faulmann 1880: 79); 𐤙 (MacKenzie 1971: xi) <i>ayin</i> <'> /ʕ/.
SFG-64	<i>Imperial Aramaic</i> (papyrus, Egypt, 2 nd c. BC) 𐤙 (Taylor 1883, Vol. I: 250); (Assyrian and Egyptian papyri) 𐤚, (Babylonian Bowls) 𐤛, 𐤜 (Faulmann 1880: 79) <i>ayin</i> <'> /ʕ/. <i>Hebrew</i> (Qumran Manuscripts, 1 st c. BC) 𐤛, (Text of the Pentateuchus Masoret, 9 th c. AD) 𐤛 <i>ayin</i> <'> /ʕ/. <i>Palmyrene</i> 𐤙 (Faulmann 1880: 84) <'>.
SFG-65	<i>Parthian</i> (inscriptional) 𐭂 (Skjærvø 1996: 518); (inscriptions, 3 rd c. AD) 𐭃 (MacKenzie 1971: xi) <i>ayin</i> <'> /ʕ/. <i>Nabataean</i> 𐭄, 𐭅 (Faulmann 1880: 84); (late) 𐭆 (Macdonald 2008: 218) <'>. <i>Middle Persian</i> (inscriptions, 3 rd c. AD) 𐭇 (MacKenzie 1971: xi); (Psalter) 𐭈 (MacKenzie 1971: xi) <i>ayin</i> <'> /ʕ/. <i>Hatran</i> (H 79, shortly before AD 240) 𐭉 (Beyer 1998: 10, 47–48) <'>. <i>Syriac</i> (Estrangela) 𐭊; (Nestorian) 𐭋 <i>ē</i> <'>. <i>Armazian</i> 𐭌 (Cereteli 1948–1949 <i>apud</i> Róna-Tas 1987: 14) <'>. <i>Sogdian</i> (Ancient Letters, early 4 th c. AD) 𐭍 (Skjærvø 1996: 519); (Sutra) 𐭎 (Skjærvø 1996: 519) <i>ayin</i> <'>. <i>Arabic</i> (early) 𐭏 (Macdonald 2008: 218); (Naskh) (7 th c. AD) 𐭐 (Taylor 1883, Vol. I: 326); (Mauritanian) 𐭑 (Fry 1799: 6); (modern) 𐭒 (Macdonald 2008: 218) <i>ayn</i> <'> /ʕ/.

SFG	Features of taxa (graphemes of script variants)
SFG-66	<i>Arabic</i> (early) 𐤀 (Macdonald 2008: 218) <i>ḡayn/ghain</i> <ḡ, gh> [ɣ].
SFG-67	<i>Arabic</i> (Kufic) 𐤁 (Faulmann 1880: 98); (African) 𐤂 (Fry 1799: 8) <i>ʿayn</i> <ʿ> /ʕ/.
SFG-68	<i>Arabic</i> (Kufic) 𐤃 (Faulmann 1880: 98); (African) 𐤄 (Fry 1799: 8) <i>ḡayn</i> <ḡ, gh> [ɣ].
SFG-69	<i>Arabic</i> (African) 𐤅 (Fry 1799: 8); (modern) 𐤆 (Macdonald 2008: 218) <i>ḡayn</i> <ḡ, gh> [ɣ].
SFG-70	<i>Old Aramaic</i> (Zinjīrlū inscriptions, late 9 th c. – 8 th c. BC) 𐤁; (8 th c. BC) 𐤂; (Deir ʿAllā, around 800 BC) 𐤃 (Glass 2000: 14); (10 th –5 th /4 th c. BC) 𐤄, 𐤅 (Gibson 1975); (Nineveh, 7 th c. BC) 𐤆 (Taylor 1883, Vol. I: 250) <i>pē</i> <p> /f, p/. <i>Imperial Aramaic</i> (satrapies, 5 th –4 th c. BC) 𐤁, 𐤂, (monuments, Egypt, 4 th –3 rd c. BC) 𐤃, (papyrus, Egypt, 2 nd c. BC) 𐤄 (Taylor 1883, Vol. I: 250); (inscriptional, 7 th c. BC) 𐤅, 𐤆, 𐤇, (6 th –5 th / beg. 4 th c. BC) 𐤈 (Gibson 1975); (6 th c. BC) 𐤉; (Kandahar) 𐤊 (Rosenthal et al. 1986–2011: Table 3); (papyri) 𐤋, 𐤌 (Bühler 1898: the second table after p. 124: Comparative Table of the Perso-Aramaic and the Kharoṣṭhī); (cursive) (5 th –4 th c. BC) 𐤍; (satrapies and Egypt, 4 th –3 rd c. BC) 𐤎 (Taylor 1883, Vol. II: 236); (Aśoka, around 250 BC) 𐤏 (Glass 2000: 14); 𐤐 (MacKenzie 1971: xi); (Baktria) 𐤑, 𐤒 (Ivantchik & Lurje 2013: 290) <i>pē</i> <p> /f, p/. <i>Imperial Aramaic</i> (Elephantine papyri, 6 th c. BC) 𐤓 (Glass 2000: 14); (Babylonian Bowls) 𐤔 (Faulmann 1880: 79) <i>pē</i> <p> /f, p/. <i>Hebrew</i> (3 rd c. BC) 𐤕; (Qumran Manuscripts, 1 st c. BC) 𐤖, (Text of the Pentateuch Masoret, 9 th c. AD) 𐤗; <i>pē</i> <p> /p/. <i>Parthian</i> (early, Nisa, 1 st c. BC) 𐤘 (Rosenthal et al. 1986–2011: Table 3); (Nisa) 𐤙, 𐤚, 𐤛, 𐤜, (Avroman, 13/12 BC) 𐤝, 𐤞 (Ivantchik & Lurje 2013: 290); (inscriptional) 𐤟 (Rosenthal et al. 1986–2011: Table 3); (inscriptions, 3 rd c. AD) 𐤠 (MacKenzie 1971: xi) <i>pē</i> <p> /p, b/. <i>Nabataean</i> 𐤡, 𐤢 <i>pē</i> <p>. <i>Palmyrene</i> 𐤣, 𐤤 (Harmatta, 2000: 181); (Palmyra, 2 nd c. AD) 𐤥 (Taylor 1883, Vol. II: 236) <i>pē</i> <p>. <i>Hatran</i> 𐤦, 𐤧 (PROEL: Alfabeto Hatran. http://www.proel.org/index.php?pagina=alfabetos/hatran , accessed: 2016) <p>. <i>Armazian</i> 𐤨 (Cereteli 1948–1949 <i>apud</i> Róna-Tas 1987: 14) <p>.
SFG-72	<i>Hebrew</i> 𐤩 <i>end pē</i> <p> /p/. <i>Middle Persian</i> (inscriptional) 𐬀 (Skjærvø 1996: 518); (Psalter) (Bulayīq, 6 th –7 th c., a copy of an origin from the 4 th c. AD) 𐬁 (Skjærvø 1996: 518); (Early Cursive Pahlavi) 𐬂, 𐬃 (Skjærvø 1996: 518); (Book Pahlavi) 𐬄 (Skjærvø 1996: 518) <i>pē</i> <p> /p, b, f/. <i>Hatran</i> 𐬅 (PROEL: Alfabeto Hatran. http://www.proel.org/index.php?pagina=alfabetos/hatran , accessed: 2016) <p>. <i>Khwarazmian</i> (Tok-kala, 7 th –8 th c. AD) 𐬆 (Vainberg 1977: Table VIII) <p>. <i>Sogdian</i> (Ancient Letters, early 4 th c. AD) 𐬇, (sutra) 𐬈 (Skjærvø 1996: 519) <i>pē</i> <p> /p/. <i>Nabataean</i> (late) 𐬉 (Macdonald 2008: 218) <i>pē</i> <p>. <i>Syriac</i> (Estrangela) 𐬊; (Nestorian) 𐬋 <i>pē/pe</i> <p, p>. <i>Arabic</i> (early) 𐬌 (Macdonald 2008: 218); (Kufic) 𐬍 (Faulmann 1880: 98); (Mauritanian) 𐬎 (Fry 1799: 6); (African) 𐬏 (Fry 1799: 8) <i>fāʿfe</i> <f> /f/.
SFG-74	<i>Arabic</i> (Naskh) (7 th c. AD) 𐬐 (Taylor 1883, Vol. I: 326); (modern) 𐬑 (Macdonald 2008: 218) <f>.

SFG	Features of taxa (graphemes of script variants)
SFG-75	<p><i>Old Aramaic</i> (Zinjîrlû inscriptions, late 9th c. – 8th c. BC) 𐤀; (8th c. BC) 𐤁; (Deir 'Allā, around 800 BC) 𐤂 (Glass 2000: 14); (10th–7th c. BC) 𐤃 (Gibson 1975); (Nineveh, 7th c. BC) 𐤄 (Taylor 1883, Vol. I: 250) <i>šāḏē</i> <š> /s^h, z/ (Segert 1997: 118).</p> <p><i>Imperial Aramaic</i> (weights, seals and coins, 8th–3rd c. BC) 𐤅, 𐤆, 𐤇 (Lidzbarski 1910); (Egypt) 𐤈 (Lidzbarski 1898: TAF. XLV); (monuments, Egypt, 4th–3rd c. BC) 𐤉, (papyrus, Egypt, 2nd c. BC) 𐤊, 𐤋 (Taylor 1883, Vol. I: 250); (7th–5th/4th c. BC) 𐤌 (Gibson 1975); (Elephantine papyri, 6th c. BC) 𐤍 (Glass 2000: 14); (Leather documents of satrap and royal prince Aršāma) 𐤎, (Persepolis) 𐤏, (Daskyleion) 𐤐 (Rosenthal et al. 1986–2011: Table 3); 𐤑; (around 550–500 BC) 𐤒, 𐤓; 𐤔, 𐤕 (MacKenzie 1971: xi) <i>šāḏē</i> <š> /s^h/ [(t)s^h].</p> <p><i>Hebrew</i> (Jerusalem, 1st c. BC) 𐤅 (Taylor 1883, Vol. I: 250); (Qumran Manuscripts, 1st c. BC) 𐤆; (Text of the Pentateuchus Masoret, 9th c. AD) 𐤇; <i>šāḏē</i> <š> /ts/.</p> <p><i>Hebrew</i> 𐤈 <i>end šāḏē</i> <š> /ts/.</p> <p><i>Parthian</i> (inscriptional) 𐭀 (Rosenthal et al. 1986–2011: Table 3); 𐭁 (Skjærvø 1996: 518); (inscriptions, 3rd c. AD) 𐭂 (MacKenzie 1971: xi) <i>šāḏē</i> <š> /č/.</p> <p><i>Nabataean</i> 𐤌 <i>šāḏē</i> <š>.</p> <p><i>Middle Persian</i> (inscriptional) 𐭆 (Rosenthal et al. 1986–2011: Table 3); (Psalter) (Bulayiq, 6th–7th c., a copy of an origin from the 4th c. AD) 𐭇 (Rosenthal et al. 1986–2011: Table 3); (Psalter) 𐭈 (Clauson 1970: 74); (inscriptional) 𐭉 (Rosenthal et al. 1986–2011: Table 3); (Book Pahlavi) 𐭊 (Rosenthal et al. 1986–2011: Table 3) <i>šāḏē</i> <š> /č, j, z/ (Skjærvø 1996: 518).</p> <p><i>Palmyrene</i> (lapidary) 𐤆, 𐤇 (Harmatta, 2000: 181); (uncial, 3rd c. AD) 𐤈, (cursive, 3rd c. AD) 𐤉 (Taylor 1883, Vol. I: 250); 𐤊, 𐤋, 𐤌, 𐤍, 𐤎 (Lidzbarski 1898: TAF. XLV) <i>šāḏē</i> <š> /s^h/.</p> <p><i>Hatran</i> 𐤌, 𐤍, 𐤎, 𐤏 (PROEL: Alfabeto Hatran. http://www.proel.org/index.php?pagina=alfabetos/hatran, accessed: 2016) <š>.</p> <p><i>Armazian</i> 𐭆 (Cereteli 1948–1949 <i>apud</i> Róna-Tas 1987: 14) <š>.</p> <p><i>Sogdian</i> 𐭆; (Ancient Letters, beginning of 4th c. AD) 𐭇 (Skjærvø 1996: 519); (early) 𐭈 (Clauson 1970: 74); (sutra) 𐭉 (Skjærvø 1996: 519) <i>šāḏē</i> <š> /č, j/ (Skjærvø 1996: 519).</p>
SFG-76	<p><i>Nabataean</i> 𐤌 <i>šāḏē</i> <š>.</p> <p><i>Syriac</i> ܐ (Lidzbarski 1898: TAF. XLV); (Estrangela) ܐ; (Nestorian) ܐ <i>šōḏē</i> <š>.</p>
SFG-77	<p><i>Nabataean</i> 𐤌; (late) 𐤍 (Macdonald 2008: 218) <i>šāḏē</i> <š>.</p> <p><i>Arabic</i> (early) 𐤌 (Macdonald 2008: 218); (Naskh) (7th c. AD) 𐤍 (Taylor 1883, Vol. I: 326); (Kufic) 𐤎 (Faulmann 1880: 98); (Mauritanian) 𐤏 (Fry 1799: 6); (African) 𐤐 (Fry 1799: 8); (modern) 𐤑 (Macdonald 2008: 218) <i>šāḏē</i> <š>.</p>
SFG-78	<i>Arabic</i> (early) 𐤌 (Macdonald 2008: 218); (Kufic) 𐤎 (Faulmann 1880: 98) <i>dād</i> <d>.
SFG-79	<i>Arabic</i> (Mauritanian) 𐤏 (Fry 1799: 6); (African) 𐤐 (Fry 1799: 8); (modern) 𐤑 (Macdonald 2008: 218) <i>dād</i> <d>.
SFG-80	<p><i>Old Aramaic</i> (Zinjîrlû inscriptions, late 9th c. – 8th c. BC) 𐤐, 𐤑, 𐤒; (10th– beg. 7th c. BC) 𐤓 (Gibson 1975); (8th c. BC) 𐤔; (Deir 'Allā, around 800 BC) 𐤕 (Glass 2000: 14); (Nineveh, 7th c. BC) 𐤖, 𐤗 (Taylor 1883, Vol. I: 250) <i>qōḏē</i> <q> /q/.</p> <p><i>Imperial Aramaic</i> (satrapies, 5th–4th c. BC) 𐤘, (papyrus, Egypt, 2nd c. BC) 𐤙 (Taylor 1883, Vol. I: 250); (monumental) 𐤚 (Faulmann 1880: 79); (Elephantine papyri, 6th c. BC) 𐤛 (Glass 2000: 14); 𐤜 (MacKenzie 1971: xi); 𐤝 (Nyberg 1964) <i>qōḏē</i> <q> /q/.</p>
SFG-81	<p><i>Imperial Aramaic</i> (monuments, Egypt, 4th–3rd c. BC) 𐤞, (papyrus, Egypt, 2nd c. BC) 𐤟 (Taylor 1883, Vol. I: 250); (end-8th c. BC – 5th / 4th c. BC) 𐤠 (Gibson 1975); (monumental) 𐤡 (Faulmann 1880: 79); (inscriptions) 𐤢, 𐤣 (Bühler 1898: the second table after p. 124: Comparative Table of the Perso-Aramaic and the Kharoṣṭhī); 𐤤; (Aśoka, around 250 BC) 𐤥 (Glass 2000: 14) <i>qōḏē</i> <q> /q/.</p> <p><i>Hebrew</i> (Qumran Manuscripts, 1st c. BC) 𐤦, (Text of the Pentateuchus Masoret, 9th c. AD) 𐤧; <i>qōḏē</i> <q, k> /q/.</p> <p><i>Parthian</i> (inscriptional) 𐭆 (Skjærvø 1996: 518); 𐭇; (inscriptions, 3rd c. AD) 𐭈 (MacKenzie 1971: xi) <i>qōḏē</i> <q>.</p> <p><i>Palmyrene</i> 𐤌, 𐤍 (Harmatta, 2000: 181) <i>qōḏē</i> <q> [k^h].</p> <p><i>Hatran</i> (H 79, shortly before AD 240) 𐤌 (Beyer 1998: 10, 47–48) <q>.</p> <p><i>Armazian</i> 𐭆 (Cereteli 1948–1949 <i>apud</i> Róna-Tas 1987: 14) <q>.</p>

SFG	Features of taxa (graphemes of script variants)
SFG-82	<p><i>Nabataean</i> 𐤊; (late) 𐤍 (Macdonald 2008: 218) <i>qōṣ</i> <q>.</p> <p><i>Middle Persian</i> (inscriptional) 𐭪 (Skjærvø 1996: 518–519); (Psalter) (Bulayīq, 6th–7th c., a copy of an origin from the 4th c. AD) 𐭫 (Skjærvø 1996: 518); (Early Cursive Pahlavi) 𐭬 (Skjærvø 1996: 518); (Book Pahlavi) 𐭭 (Skjærvø 1996: 518) <i>qōṣ</i> <q>. <i>qōṣ</i> <q>.</p> <p><i>Syriac</i> (Estrangela) ܐ; (Nestorian) ܐ <i>qūṣ/qof</i> <q>.</p> <p><i>Arabic</i> (early) 𐤀 (Macdonald 2008: 218); (Kufic) 𐤁 (Faulmann 1880: 98) <i>qāf</i> <q, k> [q, k’].</p>
SFG-83	<p><i>Arabic</i> (Naskh) (7th c. AD) ڤ (Taylor 1883, Vol. I: 326); (Mauritanian) ڤ (Fry 1799: 6); (African) ڤ (Fry 1799: 8); (modern) ڤ (Macdonald 2008: 218) <i>qāf</i> <q, k> [q, k’].</p>
SFG-84	<p><i>Old Aramaic</i> (8th c. BC) 𐤀; (Deir ‘Allā, around 800 BC) 𐤀 (Glass 2000: 14); (10th–5th/4th c. BC) 𐤀, 𐤁 (Gibson 1975); (Nineveh, 7th c. BC) 𐤀 (Taylor 1883, Vol. I: 250) <i>rēš</i> <r> /r/.</p> <p><i>Imperial Aramaic</i> (satrapies, 5th–4th c. BC) 𐤁, 𐤂 (monuments, Egypt, 4th–3rd c. BC) 𐤁, (papyrus, Egypt, 2nd c. BC) 𐤂, 𐤃 (Taylor 1883, Vol. I: 250); (mid-7th c. BC) 𐤁, (7th–5th/4th c. BC) 𐤁, 𐤂, 𐤃 (Gibson 1975); (Elephantiné papyri, 6th c. BC) 𐤁 (Glass 2000: 14); 𐤁; (satrapies and Egypt, 4th–3rd c. BC) 𐤁 (Taylor 1883, Vol. II: 236); 𐤁 (MacKenzie 1971: xi) <i>rēš</i> <r> /r/.</p> <p><i>Parthian</i> (Nisa) 𐭪, 𐭫, 𐭬, 𐭭 (Ivantchik & Lurje 2013: 290) <i>rēš</i> <r> /r/.</p> <p><i>Palmyrene</i> (Palmyra, 2nd c. AD) 𐭪 (Taylor 1883, Vol. II: 236) <i>rēš</i> <r> /r/.</p> <p><i>Hatran</i> (H 79, shortly before AD 240) 𐭪 (Beyer 1998: 10, 47–48) <r>.</p> <p><i>Khwarazmian</i> (coins) 𐭪 (Vainberg 1977: Table VIII) <r>.</p> <p><i>Sogdian</i> (early, Kultobe, before 4th c. AD) 𐭪 (Sims-Williams & Grenet 2006: colour illustrations without page numbering); (Ancient Letters, early 4th c. AD) 𐭪, (sutra) 𐭪 (Skjærvø 1996: 519) <i>rēš</i> <r> /r/.</p>
SFG-85	<p><i>Syriac</i> (Estrangela) ܐ; (Nestorian) ܐ <i>rīš/resh</i> <r>.</p>
SFG-86	<p><i>Imperial Aramaic</i> (Aśoka, around 250 BC) 𐤎 (Glass 2000: 14) <i>rēš</i> <r> /r/.</p> <p><i>Hebrew</i> (Qumran Manuscripts, 1st c. BC) 𐤎, (Text of the Pentateuchus Masoret, 9th c. AD) 𐤎 <i>rēš</i> <r> /r/.</p> <p><i>Parthian</i> (inscriptional) 𐭪 (Skjærvø 1996: 518); (inscriptions, 3rd c. AD) 𐭪 (MacKenzie 1971: xi) <i>rēš</i> <r> /r/.</p> <p><i>Nabataean</i> 𐤎, 𐤏, 𐤐, 𐤑 (Faulmann 1880: 84); (late) 𐤑 (Macdonald 2008: 218) <r>.</p> <p><i>Middle Persian</i> (inscriptions, 3rd c. AD) 𐭪 (MacKenzie 1971: xi); (Early Cursive Pahlavi) 𐭪, (Book Pahlavi) 𐭪 (Skjærvø 1996: 518); (Psalter) (Bulayīq, 6th–7th c., a copy of an origin from the 4th c. AD) 𐭪 (Skjærvø 1996: 518) <i>rēš</i> <r> /r/.</p> <p><i>Hatran</i> (H 79, shortly before AD 240) 𐭪 (Beyer 1998: 10, 47–48) <r>.</p> <p><i>Armazian</i> 𐭪 (Cereteli 1948–1949 <i>apud</i> Róna-Tas 1987: 14) <r>.</p> <p><i>Khwarazmian</i> (Chirik-Rabat [Kyzylorda Region, Kazakhstan], 4th–2nd c. BC) 𐭪 (Ivantchik & Lurje 2013: 286–287) <r>.</p> <p><i>Sogdian</i> (sutra) 𐭪 (Skjærvø 1996: 519) <i>rēš</i> <r> /r/.</p> <p><i>Arabic</i> (early) 𐤎 (Macdonald 2008: 218); (Naskh) (7th c. AD) ڤ (Taylor 1883, Vol. I: 326); (Kufic) ڤ (Faulmann 1880: 98); (Mauritanian) ڤ (Fry 1799: 6); (African) ڤ (Fry 1799: 8); (modern) ڤ (Macdonald 2008: 218) <i>rā’</i> <r> /r/.</p>

SFG	Features of taxa (graphemes of script variants)
SFG-87	<p><i>Old Aramaic</i> (8th c. BC) ; (Deir 'Allā, around 800 BC) (Glass 2000: 15); (10th–6th c. BC) (Gibson 1975); ; (Nineveh, 7th c. BC) (Taylor 1883, Vol. I: 250) <i>šin/šin</i> (Macdonald 2015: 35) <š> /š, t/ (Segert 1997: 118).</p> <p><i>Imperial Aramaic</i> (monuments, Egypt, 4th–3rd c. BC) (papyrus, Egypt, 2nd c. BC) (Taylor 1883, Vol. I: 250); (8th–5th/4th c. BC) (Gibson 1975); (Elephantine papyri, 6th c. BC) (Glass 2000: 15); ; (monumental) (Assyrian and Egyptian papyri) (Babylonian Bowls) (Faulmann 1880: 79); (Babylonian Bowl) (Layard 1853: 437); (Aśoka, around 250 BC) (Glass 2000: 15); (MacKenzie 1971: xi) <i>šin/šin</i> <š>.</p> <p><i>Hebrew</i> (Qumran Manuscripts, 1st c. BC) <i>šin/šin</i> <š, š> /š, š/.</p> <p><i>Hebrew</i> (Text of the Pentateuchus Masoret, 9th c. AD) <i>šin</i> <š> /š/.</p> <p><i>Hebrew</i> (Text of the Pentateuchus Masoret, 9th c. AD) <i>šin</i> <š> /š/.</p> <p><i>Parthian</i> (early) (Nisa, 1st c. BC) (Rosenthal et al. 1986–2011: Table 3); (early) (Nisa, 1st c. BC) (Skjærvø 1996: 518); (inscriptional) (Rosenthal et al. 1986–2011: Table 3); (inscriptional) (Skjærvø 1996: 518); (coins of the Parthian kings, 1st–2nd c. AD) (Hājiābād, 3rd c. AD) (Taylor 1883, vol. II: 236); (inscriptions, 3rd c. AD) (MacKenzie 1971: xi) <i>šin</i> <š> /š, ž/ (Skjærvø 1996: 518).</p> <p><i>Nabataean</i> (Garbini 1979, Fig. 7) <i>šin</i> <š> /š/.</p> <p><i>Middle Persian</i> (Psalter) (Skjærvø 1996: 518) <i>semkat</i> <s>.</p> <p><i>Middle Persian</i> (inscriptional) (Rosenthal et al. 1986–2011: Table 3); (Hājiābād, 3rd c. AD) (coins, 4th–6th c. AD) (Taylor 1883, Vol. II: 236); (Clauson 1970: 75); (Early Cursive Pahlavi) (Skjærvø 1996: 518); (Book Pahlavi) (MacKenzie 1971: xi) <i>šin</i> <š> /š/.</p> <p><i>Palmyrene</i> (Harmatta, 2000: 181) <i>šin</i> <š>.</p> <p><i>Hatran</i> (H 79, shortly before AD 240) (Beyer 1998: 10, 47–48); (PROEL: Alfabeto Hatran. http://www.proel.org/index.php?pagina=alfabetos/hatran, accessed: 2016) <š>.</p> <p><i>Armazian</i> (Cereteli 1948–1949 <i>apud</i> Róna-Tas 1987: 14) <š>.</p> <p><i>Sogdian</i> (sutra) (Skjærvø 1996: 519); (Ancient Letters, early 4th c. AD) <i>semkat</i> <s>.</p> <p><i>Sogdian</i> (Ancient Letters, early 4th c. AD) (Harmatta 2004: 186); (Sutra) (Skjærvø 1996: 519) <i>šin</i> <š> /š/.</p>
SFG-88	<p><i>Parthian</i> (coins of the Parthian kings, 1st–2nd c. AD) (Taylor 1883, vol. II: 236) <i>šin</i> <š> /š, ž/ (Skjærvø 1996: 518).</p> <p><i>Middle Persian</i> (Psalter) (Bulayīq, 6th–7th c., a copy of an origin from the 4th c. AD) (Skjærvø 1996: 518) <i>šin</i> <š> /š/.</p> <p><i>Syriac</i> (Estrangela) ; (Nestorian) <i>šin/shin</i> <š> /š/.</p>
SFG-89	<p><i>Parthian</i> (Avroman, 13/12 BC) (Minns 1915: 62) <i>šin</i> <š> /š, ž/ (Skjærvø 1996: 518).</p> <p><i>Nabataean</i> (late) (Macdonald 2008: 218) <i>šin</i> <š> /š/.</p> <p><i>Khwarazmian</i> (coins) (Toprak-kala) (bowls) (Tok-kala, 7th–8th c. AD) (Vainberg 1977: Table VIII) <š>.</p> <p><i>Arabic</i> (early) (Macdonald 2008: 218); (Naskh) (7th c. AD) (Taylor 1883, Vol. I: 326); (Kufic) (Faulmann 1880: 98); (Mauritanian) (Fry 1799: 6); (African) (Fry 1799: 8); (modern) (Macdonald 2008: 218) <i>šin</i> <s> /s/.</p>
SFG-90	<p><i>Arabic</i> (early) (Macdonald 2008: 218); (Naskh) (7th c. AD) (Taylor 1883, Vol. I: 326); (Kufic) (Faulmann 1880: 98) <i>šin</i> <š, sh> /š/.</p>
SFG-91	<p><i>Arabic</i> (Mauritanian) (Fry 1799: 6); (African) (Fry 1799: 8); (modern) (Macdonald 2008: 218) <i>šin</i> <š, sh> /š/.</p>

SFG	Features of taxa (graphemes of script variants)
SFG-92	<p><i>Old Aramaic</i> (Zinjîrlû inscriptions, late 9th c. – 8th c. BC) 𐤠, 𐤡; (Deir 'Allā, around 800 BC) 𐤢 (Glass 2000: 14); (around 900– around 800/775 BC) (Rollston 2008: 85) 𐤣; (10th–6th c. BC) 𐤤, 𐤥 (Gibson 1975); (Nineveh, 7th c. BC) 𐤦, 𐤧 (Taylor 1883, Vol. I: 250) <i>tāw</i> <t> /t/.</p> <p><i>Imperial Aramaic</i> (satrapies, 5th–4th c. BC) 𐤨, 𐤩, (monuments, Egypt, 4th–3rd c. BC) 𐤪, (papyrus, Egypt, 2nd c. BC) 𐤫 (Taylor 1883, Vol. I: 250); (7th–6th c. BC) 𐤬, 𐤭, 𐤮, (6th c. BC) 𐤯 (Gibson 1975); (Elephantiné papyri, 6th c. BC) 𐤰 (Glass 2000: 14); (Daszkyleion) 𐤱, (Kandahar) 𐤲 (Rosenthal et al. 1986–2011: Table 3); (Aśoka, around 250 BC) 𐤳 (Glass 2000: 14); 𐤴 (MacKenzie 1971: xi); (monumental) 𐤵, (Assyrian and Egyptian papyri) 𐤶, (Babylonian Bowls) 𐤷, 𐤸 (Faulmann 1880: 79) <i>tāw</i> <t> /t, θ/.</p> <p><i>Hebrew</i> (Qumran Manuscripts, 1st c. BC) 𐤠, (Text of the Pentateuchus Masoret, 9th c. AD) 𐤡 <i>tāw</i> <t> /t, θ/.</p> <p><i>Parthian</i> (early, Nisa, 1st c. BC) 𐭠 (Rosenthal et al. 1986–2011: Table 3); 𐭡 (Häberl 2006: 57); (Avroman, 13/12 BC) 𐭢, 𐭣 (Ivantchik & Lurje 2013: 290); (inscriptional) 𐭤 (Rosenthal et al. 1986–2011: Table 3); (inscriptions, 3rd c. AD) 𐭥 (MacKenzie 1971: xi); 𐭦 (Skjærvø 1996: 518); (coins of the Parthian kings, 1st–2nd c. AD) 𐭧, 𐭨, (Hājiābād, 3rd c. AD) 𐭩 (Taylor 1883, vol. II: 236) <i>tāw</i> <t> /t, d/.</p> <p><i>Nabataean</i> 𐤪, 𐤫, 𐤬, 𐤭 (Faulmann 1880: 84) <t>.</p> <p><i>Middle Persian</i> (inscriptions, 3rd c. AD) 𐭮 (MacKenzie 1971: xi); 𐭯 (Rosenthal et al. 1986–2011: Table 3); 𐭰 (Skjærvø 1996: 518); (Hājiābād, 3rd c. AD) 𐭱 (Taylor 1883, Vol. II: 236); (Sassanid gemma from an Avar cemetery, Szarvas, not later than 6th c. AD) 𐭲 (Harmatta 2003: 306, 309) <i>tāw</i> <t> /t, d/.</p> <p><i>Palmyrene</i> (Palmyra, 2nd c. AD) 𐤪 (Taylor 1883, Vol. II: 236) <i>tāw</i> <t>.</p> <p><i>Hatran</i> (H 79, shortly before AD 240) 𐤪 (Beyer 1998: 10, 47–48) <t>.</p> <p><i>Syriac</i> (Nestorian) ܐ <i>taw/tau</i> <t> /t, t̰/.</p> <p><i>Armazian</i> 𐌲, 𐌳 (Cereteli 1948–1949 <i>apud</i> Róna-Tas 1987: 14) <t>.</p> <p><i>Khwarazmian</i> (Chirik-Rabat [Kyzylorda Region, Kazakhstan], 4th–2nd c. BC) 𐭠 (Ivantchik & Lurje 2013: 286–287) <t>.</p> <p><i>Sogdian</i> (early, Kultobe, before 4th c. AD) 𐰽 (Sims-Williams & Grenet 2006: colour illustrations without page numbering); (Ancient Letters, early 4th c. AD) 𐰼 (Skjærvø 1996: 519); (Ancient Letters, beginning of 4th c. AD) 𐰾 (Harmatta 2004: 186); (sutra) 𐰽, 𐰾 (Skjærvø 1996: 519) <i>tāw</i> <t> /t, θ/.</p>
SFG-93	<p><i>Middle Persian</i> (coins, 4th–6th c. AD) 𐭮 (Taylor 1883, Vol. II: 236); (Psalter) (Bulayīq, 6th–7th c., a copy of an origin from the 4th c. AD) 𐭯 (Rosenthal et al. 1986–2011: Table 3); 𐭰 (Skjærvø 1996: 518); (Early Cursive Pahlavi) 𐭱 (Skjærvø 1996: 518); (Book Pahlavi) 𐭲 (Rosenthal et al. 1986–2011: Table 3); 𐭳 (Skjærvø 1996: 518) <i>tāw</i> <t> /t, d/.</p> <p><i>Syriac</i> (Estrangela) ܐ <i>taw/tau</i> <t> /t, t̰/.</p> <p><i>Khwarazmian</i> (coins) 𐭠, (Tok-kala, 7th–8th c. AD) 𐭡 (Vainberg 1977: Table VIII) <t>.</p> <p><i>Sogdian</i> (Ancient Letters, early 4th c. AD) 𐰼 (Skjærvø 1996: 519) <i>tāw</i> <t> /t, θ/.</p>
SFG-94	<p><i>Nabataean</i> (late) 𐤪 (Macdonald 2008: 218) <t>.</p> <p><i>Arabic</i> (early) 𐤪 (Macdonald 2008: 218); (Kufic) 𐤪 (Faulmann 1880: 98) <i>tā'te</i> <t> /t/.</p>
SFG-95	<i>Arabic</i> (early) 𐤪 (Macdonald 2008: 218); (Kufic) 𐤪 (Faulmann 1880: 98) <i>tā'the</i> <t, th> /t [θ].
SFG-96	<i>Arabic</i> (Naskh) (7 th c. AD) 𐤪 (Taylor 1883, Vol. I: 326); (African) 𐤪 (Fry 1799: 8); (modern) 𐤪 (Macdonald 2008: 218) <i>tā'te</i> <t> /t/.
SFG-97	<i>Arabic</i> (African) 𐤪 (Fry 1799: 8); (modern) 𐤪 (Macdonald 2008: 218) <i>tā'the</i> <t, th> /t [θ].

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