Mongolian language studies in Sweden

Although there is no academic tradition for Mongolian language studies in Sweden, some individuals have from time to time made noteworthy contributions to this field. Best known among these is no doubt Philip Johan Stralenberg (1677-1747), whose famous description of Northern and Eastern Eurasia from 1730 contains a rather extensive Kalmuck wordlist (see also Krueger 1975a). Stralenberg had been an officer in the army of the Swedish king Charles XII, who was defeated by Peter I of Russia at Poltava in 1709. Like many other Swedish officers he was captured and sent to Tobolsk in Siberia, where he collected materials about Siberian geography and languages. He was allowed to return to Sweden in 1722, and he published his book in Stockholm in 1730. He spent his last years at his brother’s castle Fröllinge in the small southern Swedish village Getinge (incidentally the same village where I grew up in the 1940s and 50s without knowing anything about Stralenberg).

Another Swedish prisoner of war who made a notable contribution to Kalmuck studies was Johan Gustaf Renat (1682-1744), who was captured first by the Russians at Poltava and later by the Dzungars, and spent 17 years in Dzungaria. When he could return to Sweden in 1734, he brought with him two maps, the first detailed maps of the Oirad area in Central Asia, now held by Uppsala University Library (see Poppe 1955).

Although rather many Swedish missionaries were working in Mongolia during the first half of the 20th century, only one of them, Folke Boberg (1896-1987), published anything on the language. Boberg was a missionary in Inner Mongolia from 1922 to 1951. He published a textbook of Mongolian in 1946 and a Mongolian-English dictionary in three volumes in 1954. The well-known Swedish-American Mongolist James Bosson has told me that one reason why he became interested in Mongolian was that when he was a high school student in Stockholm he happened to get a summer vacation job in the office where this dictionary was being printed and became fascinated with the strange-looking script.

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In my opinion, an earlier missionary, in fact the first Swedish missionary to Asia, Cornelius Rahmn, was the one who made the most valuable contribution to Mongolian language studies, but since his works exist only in manuscript form they have remained unknown to most scholars in the field (although they are mentioned by Bawden 1985:283). During my stay as a guest researcher at The Centre for Northeast Asian Studies of Tohoku University from May to August 2008 I worked on these manuscripts, with the aim of making their contents accessible to other researchers. Here I will make a short presentation of Rahmn and his works on Kalmuck.

Cornelius Rahmn

Cornelius Rahmn was born in 1785 in Göteborg (Gothenburg), Sweden’s second largest city, as the son of an artillery officer. He studied law at Lund University, but never worked in the legal profession. Instead he turned to the church and became a chaplain with the Göta artillery in 1810. John Paterson, a member of the London Missionary Society who lived in Sweden for some years after 1807, became acquainted with Rahmn, and in 1817, Rahmn was recruited to accompany the English missionary Edward Stallybrass to open the Society’s mission for the Buriads at Irkutsk in Siberia (note1).
On their way to Irkutsk, the two missionaries first spent some time in St. Petersburg, and in December 1817 they left for Moscow, where they were received by emperor Alexander I who showed a sympathetic interest in their mission. On 19 January they left Moscow on sledge together with their wives, Sarah Stallybrass and Betty Rahmn, both pregnant, and the Rahmns’ daughter Hanna, who was two years old. After two months’ journey they arrived at Irkutsk on 16 March 1818.

Because of Betty Rahmn’s poor health, the Rahmn family had to leave Irkutsk already in May 1819, and they moved to Sarepta to work among the Kalmucks. Sarepta had been founded as a Christian colony by the Moravian United Brethren (or “Herrnhutians”) in 1765. It was situated to the south of Tsaritsyn (later Stalingrad and now Volgograd), where the small Sarpa river flows into the Volga; it is now renamed Krasnoarmejsk and is a southern suburb of Volgograd city. Rahmn stayed there for almost four years, still working for the London Missionary Society, although he lived among the Moravian Brethren. In June 1823 he was forced by the Russian authorities to stop his missionary activities, and moved to St Petersburg, where he stayed until 1826, when he became an international secretary at the headquarters of the London Missionary Society. In 1832 he became pastor for the Swedish congregation in London, and in 1841 he returned to Sweden to become pastor of the small rural parish Kalv (then written Kalf) in southwestern Sweden, where he stayed until his death in 1853.

During his stay among the Kalmucks, Rahmn started to translate the Bible into Kalmuck, since he was dissatisfied with the translations by Isaac Jacob Schmidt, who belonged to the church of the Moravian Brethren. The extent of these translations and their whereabouts are not known; they may have been lost when his letters and other documents were burned after his death (Bawden 1985: 282-3). The dictionary and grammar dealt with here were possibly written in preparation for this translation work.

Rahmn’s Kalmuck manuscripts

Three manuscripts by Rahmn which deal with the Kalmuck language, numbered R162, R163 and R164 are held by Uppsala University library. A fourth manuscript (R165) is written in Classical Mongolian.

Manuscript R162 is a Kalmuck-Swedish dictionary, written on light blue paper, ca 18×22 cm. The text on the cover page is: Författaren till detta Kalmuckiskt-Svenska lexicon är prosten i Kalf (Göteb.) stift Cornelius Rahmn hvilken 1817-25 verkade som missionär i Wolgatrakterne, Inköpt 26/4 1889 af Rahmns änka. [The author of this Kalmuck-Swedish dictionary is the pastor of
Kalf (Göteborg diocese) Cornelius Rahmn, who 1817-25 was a missionary in the Volga areas.
Bought 26/4 1889 from Rahmn’s widow]. There is no title page and no foreword or other explanation from the author.

The manuscript consists of 281 numbered pages, two empty pages, and a final page, number 284, which has the heading Förtekning på ord, hwilka i brist af fullt motsvarande i kallmuckiskan, öfwersättas med phraser el. composita [List of words which, lacking a perfect correspondence in Kalmuck, are translated with phrases or compounds]. This page contains translations of Swedish words into Kalmuck. The main part of the dictionary contains about 8,000 Kalmuck words, written in the old Kalmuck (Oirad or Todo) alphabet, each with a Swedish translation. Rather many of the words have a German translation as well, written in old German “blackletter” handwriting (Kurrentschrift), corresponding to printed Fraktur style. Each page is divided into two parts by a vertical line. In the larger left-hand part of the page, the words are arranged alphabetically according to the Kalmuck script, and the right part contains additional words or examples, usually derived from or otherwise related to those to the left, or at least in the same alphabetic section.

Manuscript R163 is a Swedish-Kalmuck wordlist. It has no cover page but the number R163 and the text Corn. Rahmn. Svenskt Kalmuckiskt lexicon inköpt 26/4 1889 till Ups. Univ. Bibl. [Corn. Rahmn. Swedish Kalmuck dictionary bought 26/4 1889 to Uppsala University Library] is written on the first page. It is written on light grey (first half) and light blue paper, ca 22 ×34 cm. It consists of 129 written but unpaginated pages (and rather many empty pages interspersed between them). Most pages are divided into three columns, and each column contains Swedish words beginning with a certain letter combination, e.g. Ab, Ac, etc., and their Kalmuck translations. Within each column the words are more or less in Kalmuck alphabetical order, which reveals that Rahmn most probably made this wordlist by going through the Kalmuck-Swedish dictionary from the beginning to the end, writing down each word in the relevant column. Thus it is basically an index to the Kalmuck-Swedish dictionary. Sometimes the Swedish translation is slightly different from that given in the Kalmuck-Swedish dictionary, and there are also a few additional words not found in the dictionary.

Manuscript R164 is a Kalmuck grammar, written on light blue paper, ca 18×22 cm. The text on the cover page is: Corn. Rahmn, Kalmuckisk grammatika, köpt till Ups. U.B. 26/4 1889 [Corn. Rahmn, Kalmuck grammar, bought to Uppsala University Library 26/4 1889]. The manuscript contains two versions of the grammar. The first version has the heading Kalmuckisk grammatik [Kalmuck grammar] and consists of 37 unpaginated pages. The second version has the heading Anmärkningar hörande till kalmuckiska språkets grammatik [Remarks belonging to the
The grammar of the Kalmuck language] and consists of only 14 unpaginated pages. There are two additional pages listing adverbs with Swedish translations, two pages of mono- and disyllabic words in Kalmuck only, one page containing The Lord’s Prayer (after Schmidt) with interlinear Swedish translation, one page of Kalmuck words written syllable by syllable and one page showing the Kalmuck digits.

The first version of the grammar is more complete and the information in it seems more accurate than in the second version. My impression is that the second version is a sketch written before the first and more final version. Inspection of the manuscript shows that the two versions originally were two different manuscripts bound together, most probably in the wrong order.

The fourth manuscript, R165, is also written on light blue paper, ca 22×36 cm. The text Köpt 26/4 1889 af prosten Corn. Rahmns änka [Bought 26/4 1889 from Dean Corn. Rahmn’s widow] is written on it. It consists of 142 pages written in Old Mongolian script. On the inside of the cover, Rahmn has written Cornelius Rahmn Irkutsk 1819, and 1 Тетрадь [1st notebook] is written on top of the first page. My impression is that Rahmn wrote this manuscript while he was learning Classical Mongolian.

The grammar

Rahmn’s grammar is written in Swedish, and Kalmuck words are given in the Kalmuck script. Here I will describe the first, more complete version of the grammar. It consists of two parts, called Ortographie [Orthography] and Etymologie [Etymology; i.e. morphology]. The first part is only slightly more than two pages and gives a list of the Kalmuck letters, and of all combinations of a consonant and a vowel, in Kalmuck script and in a transcription with Latin letters (see Figure 2). It is obvious that Rahmn intends the Latin letters to be pronounced as in German, which is natural, since German was a kind of scientific World language at the time, and furthermore Rahmn was working among the German-speaking Moravian Brethren. The vowels are transcribed a, ä, i, o, u, ö, y, i.e. IPA [a, ɛ, i, o, u, ø, y]. Most consonants are transcribed in the expected way (see Figure 2). The sibilants and affricates are given as ss, sch, s, z, i.e. [s,ʃ, z, ts]. There are also ‘double vowels’ which are transcribed as oh, uh, yh, and Rahmn says that they are lengthened. The small diacritic stroke which is usually taken to denote a long vowel is described as an accent, and Rahmn says that the long vowels cannot take the accent.

The second, ‘etymology’, part takes up the remaining 35 pages. As in other grammars from this time, the word ‘etymology’ refers to word structure and inflection, i.e. to what is now
Kalmuckish Grammatik

1. Ortographie

Kalmuckish språket äger 7 vocaler och 14 consonanter. De konsonanterna återger stämningen för en man i förbindelse med vocale-teknon, däremot med den för man-skänning 98 stämblad.

A: När det föreligger blixt och synligt.

A: När detta är helt intet ord, eller av artister.

A: När givet var det dubbelvocaler, både

Kalmuck kallas "Framgångs".

1. va. 
2. va. 
3. va. 
4. va. 
5. va. 
6. va. 
7. va. 
8. va. 
9. va. 
10. va. 
11. va. 
12. va. 
13. va. 
14. va. 
15. va. 
16. va. 
17. va. 
18. va. 
19. va. 
20. va. 
21. va. 
22. va. 
23. va. 
24. va. 
25. va. 
26. va. 
27. va. 
28. va. 
29. va. 
30. va. 
31. va. 
32. va. 
33. va. 
34. va. 
35. va. 
36. va. 
37. va. 
38. va. 
39. va. 
40. va. 
41. va. 
42. va. 
43. va. 
44. va. 
45. va. 
46. va. 
47. va. 
48. va. 
49. va. 
50. va. 
51. va. 
52. va. 
53. va. 
54. va. 
55. va. 
56. va. 
57. va. 
58. va. 
59. va. 
60. va. 
61. va. 
62. va. 
63. va. 
64. va. 
65. va. 
66. va. 
67. va. 
68. va. 
69. va. 
70. va. 
71. va. 
72. va. 
73. va. 
74. va. 
75. va. 
76. va. 
77. va. 
78. va. 
79. va. 
80. va. 
81. va. 
82. va. 
83. va. 
84. va. 
85. va. 
86. va. 
87. va. 
88. va. 
89. va. 
90. va. 
91. va. 
92. va. 
93. va. 
94. va. 
95. va. 
96. va. 
97. va. 
98. va. 
99. va. 
100. va. 
101. va. 
102. va. 
103. va. 
104. va. 
105. va. 
106. va. 
107. va. 
108. va. 
109. va. 
110. va. 
111. va. 
112. va. 
113. va. 
114. va. 
115. va. 
116. va. 

Figure 2. The first page of the grammar.
termed ‘morphology’. It deals with nouns, adjectives, numerals, pronouns, question words and verbs.

For the nouns, Rahmnn recognizes eight cases: nominative, genitive, dative, accusative, vocative, two different instrumentals, and ablative. Rahmnn says that first instrumental is formed with jēr/bēr (note2) meaning ‘through’. Second instrumental is formed with the particle lyge (in everyday language contracted to lē) or more often with tegan (contracted to tei) meaning ‘together with’. His second instrumental thus corresponds to what is now usually called ‘comitative’.

The accusative has three different forms according to Rahmnn, with the suffixes -i (or zero), -ijigi or bēn. The last form occurs only in the singular, he says, but no differences in meaning are mentioned. He recognizes five declensions for the nouns, depending on their final letters.

For the adjectives, Rahmnn notes that many are derived from nouns by the suffix -tei (-tai, -tu). He also notes the intensification of adjectives by a prefix, as in xabxara ‘pitch black’ (from xara ‘black’). The sections on numerals and pronouns consist mainly of lists of the different forms and (for the pronouns) their inflection.

In the section on verbs, Rahmnn gives conjugation tables for two verbs, which he regards as auxiliaries, bajixu ‘to be’ and bolxu ‘to become’, and exemplifies the conjugation of other verbs with abxu ‘to take’ (the verb yzeky ‘to see’ is used as the example word in the second version of the grammar). He says that the verb has been investigated only incompletely. This can be seen also by comparing the two different versions of the grammar which basically agree in the sections on nouns and pronouns, but for the verbs, the terminology and contents differ rather much between the two versions, and both differ from the terminology used for verb forms in the dictionary.

One interesting point is subject agreement in the verb forms. In the tables of verb conjugation, the monosyllabic personal pronouns (first person singular bi ‘I’, second person singular ci ‘you’ and second person plural ta ‘you’) are often suffixed to the verb but the disyllabic first person plural (bida ‘we’) is never suffixed. Thus a commonly occurring pattern is like the one for the “second perfect”:

<table>
<thead>
<tr>
<th>Subject</th>
<th>Verb</th>
</tr>
</thead>
<tbody>
<tr>
<td>abalai bi</td>
<td>‘I have taken many times’</td>
</tr>
<tr>
<td>ci abalai ci</td>
<td>‘you have taken many times’</td>
</tr>
<tr>
<td>abalai</td>
<td>‘he has taken many times’</td>
</tr>
<tr>
<td>bida abalai</td>
<td>‘we have taken many times’</td>
</tr>
<tr>
<td>ta abalai ta</td>
<td>‘you have taken many times’</td>
</tr>
</tbody>
</table>
ede abalai  ‘they have taken many times’

Perhaps the pronoun following the verb should be regarded as cliticized rather than suffixed; it is usually written as a separate word. Whenever agreement suffixes (or cliticized pronouns) occur in Rahmn’s verb conjugation tables, he conforms to this pattern (including the deletion of first person singular bi in subject position). The other alternative is to have the pronoun in subject position only, as in his “second present”:

bi abdag  ‘I use to take
ci abdag  ‘you use to take
abdag    ‘he uses to take
bida abdag  ‘we use to take
ta abdag  ‘you use to take
ede abdag  ‘they use to take

Thus, subject agreement is not as widespread in Rahmn’s material as it is in modern Kalmuck, where it occurs for first person plural as well, and is also more obligatory.

Rahmn’s grammar, like other European grammars of that time, uses the well-known European languages, especially classical Latin, as a pattern, but there are not so many signs that Rahmn pressed the language into a Latin form. An obvious case of this, however, is his recognition of the vocative as a separate case, for which there is no support in Kalmuck. Another characteristic of grammatical descriptions of the time is the almost complete negligence of syntax. Even major and conspicuously different features of the syntax, like the verb-final (SOV) word order in Kalmuck, were not considered worth mentioning in a grammar.

The dictionary

As mentioned above, the main part of the dictionary, written on the left side of each page, is ordered in Kalmuck alphabetical order, but quite many words, written to the right, seem to have been added after the main part was written (Figure 3). Many of these are derived words, such as passives and causatives. I get the impression that Rahmn worked systematically with an informant to elicit derived verbs, since, as I know from personal experience with this kind of work, it is very unlikely that so many derived words are encountered in speech or texts. It is interesting to note that Rahmn has no term for ‘causative’, a category usually not found in European languages, although it is very common in Kalmuck. About 800 derived causative verbs are recorded in the dictionary, compared to only around 250 passives, a category which
Figure 3. A page from the dictionary (with the word šabariŋ).
is well-known in European languages. The passives are usually translated by Rahmn with the corresponding Swedish verb in the passive, formed with the auxiliary bliva ‘to become’ or with the suffix -s. Similarly, causatives are often translated as låta ‘let’, göra att någon ‘make someone’ or orsaka någon att ‘cause someone to’ plus the verb. Towards the middle of the manuscript Rahmn seems to have tired of writing down routine translations like this and often leaves out the translation of the verb and writes only Pass. or even just P. for the passives, and phrases like låta etc., göra etc., or just låta — for the causatives.

For most words, the word-class is indicated. For the verbs, which are always given in the ‘infinitive’ form, ending in xu or ky, there are no problems with this, but it is obvious that Rahmn has had some difficulties with nouns and adjectives, which, as is well known, are less clearly distinguished in Mongolic languages than in many European languages. In rather many cases, it can be seen in the manuscript that Rahmn has changed the labelling and translation from an adjective to a noun, or the other way around.

In addition to the simple and compound Kalmuck words, Rahmn gives some sentence examples, in most cases with Swedish translations. Many of these have a reference to the text they are taken from. The most frequently cited text is the Bible. The only Kalmuck Bible translations at that time were those by Isaac Jacob Schmidt (1779-1847), who published the Gospel according to St. Matthew in 1815, and the three remaining Gospels and the Acts of the Apostles in 1821, both in St. Petersburg (Bawden 1985: 110, 281). These are the only books of the Bible that Rahmn refers to. I suppose that Rahmn generally cites Schmidt, but since I have not been able to consult Schmidt’s Bible translations, I cannot exclude the possibility that some of the Bible citations are Rahmn’s own proposals for translation. In a few places Rahmn mentions Schmidt’s translation explicitly, apparently to show that he is not himself responsible for the information given. In addition to the quotations from the Bible, Rahmn also quotes some Buddhist Kalmuck texts, most often Yligerijin dalai (usually abbreviated as YD) but also Bodhi mör (B).

Rahmn often gives inflected forms of nouns and verbs; most often the genitive and plural for nouns, and participles for verbs. They are also often provided with a reference to the source they are taken from, the same sources as for the sentence examples.

**Kalmuck spelling**

The Kalmuck script was created in 1648 by Zaya Pandita (1599-1662) as a modification of the Mongolian script to make it closer to the spoken language (see e.g. Kara 2005). It is still used to some extent by the Oirads in China although its use is discouraged by the Chinese
authorities who prefer to regard Oirad as a dialect of Mongolian and promote the Mongolian script and a language standard based on the Chahar dialect.

It is interesting to look at some details in Rahmn’s spelling of Kalmuck words. He does not tell anywhere in the manuscripts how he worked with the grammar and dictionary. It is rather clear that he wrote the Kalmuck examples himself, but he does not tell how he learned the script. It would have been interesting to know if he always learned the spelling from a Kalmuck teacher, or if he sometimes listened to spoken words and wrote down what he heard. There is quite a lot of variation in the spelling, especially for the vowels, but if this comes from Rahmn or from his informants is not easy to know (and perhaps not very important). It can be mentioned that all Kalmuck vowels occur also in Swedish (although with slightly different pronunciation in some cases), so Rahmn should have had no difficulty to distinguish them.

There is no discussion of the pronunciation in Rahmn’s grammar except that a Latin script transcription of the Kalmuck letters is given, and for a few words in the dictionary an indication of the pronunciation is given as well, presumably for words where Rahmn thought that the pronunciation was very different from the written form (in most cases due to reductions).

From Rahmn’s enumeration of how consonant+vowel combinations are written, it can be seen that the letter x (which he transcribes ch) occurs only before the (back) vowels a, o, u, while k occurs only before the (front) vowels e (ā), i, ō (ö), y, and also that g is written in different ways in these positions (reflecting allophonic variation). Rahmn does not give any labels for the back and front vowel classes, on which Kalmuck vowel harmony is based (called male and female vowels in traditional Mongolian grammar). He seems to have been unaware of vowel harmony, which he never mentions, and his Kalmuck spellings often violate vowel harmony. For example, the rule that the ‘infinitive’ suffixes xu and ky should be attached to back-vocalic and front-vocalic verbs, respectively, is certainly adhered to in most cases, but far from always, and the same is true for other suffixes. In the dictionary he does mention one rule related to vowel harmony, in the entry for the concessive particle bēsu, where he states (in translation): “in connection with verbs ending in ky it is written bēsu, but with those ending in xu it is written bāsu”.

Although the Kalmuck script was intended to be close to the spoken language when it was designed in 1648, it does not reflect later phonological changes. The variation found in the Kalmuck spelling might, however, indicate some facts about the phonological development. Doerfer (1965) has collected Western European texts from 1692 to 1827 which contain
Kalmuck words written with the Latin or Cyrillic alphabet and on pp. 17-24 he gives a short overview of what these sources tell about the historical development of Kalmuck, including its phonology. The features he treats include:

Loss of g in the perfect participle suffix gsan/gsen, which, according to Doerfer’s material, takes place during the 18th century, i.e. before Rahmn’s manuscripts were written. Rahmn always writes g here, but this probably just means that he adheres to the spelling norm; he does not tell whether or not this g is pronounced.

Fronting of [a], conditioned by [i] in the next syllable, took place during the first part of the 19th century, i.e. at the time when Rahmn was among the Kalmucks (the corresponding fronting of [o] takes place later). These changes are usually not reflected in Rahmn’s material; again, this may just mean that he follows the spelling norm, although there is at least one case of variation that might indicate ongoing fronting of a: šabi ~ šebi ‘pupil’.

Changes that occur later according to Doerfer (not until the second half of the 19th century), are fronting of [o], and reduction of non-initial vowels. These changes should thus not be reflected in Rahmn’s material. As just mentioned, this holds for the fronting of [o], but there is quite a lot of variation in the spelling of non-initial short vowels in Rahmn’s dictionary, suggesting that vowel reduction was already taking place. This is in fact one of the most common sources of spelling variation in the dictionary; a few examples are: abxoi ~ abxui ‘capital’, ajiga ~ ajaga ‘drinking vessel’, amisxal ~ amisxul ‘breath’, kyryl ~ kyrel ‘metal’, tabtai ~ tabtei ‘well’.

Another change that Doerfer dates to the second half of the 19th century is the monophthongization of diphthongs. Here I will discuss vowel combinations written with one of the rounded vowels u, y, o, ø as the first element, and the graphic vowel symbol y as the second element. A complication here is that the letter u, which is properly written as y with an additional stroke, is often written without this stroke, i.e. as y, in old texts. After another vowel (except i) only the form without the stroke occurs in Rahmn’s manuscript. Following a strict letter-for-letter transliteration the combinations with the four rounded vowels should then be written uy, yy, oy, oy, but since the graphic vowel y is most probably pronounced as [u] in combination with the back vowels u and o, I will write uu, yy, ou, oy instead. The combinations ou, oy, are usually the reflexes of Old Mongolian *ahu and *ehy, respectively (as reconstructed by Svantesson et al. (2005)), and were probably diphthongs at the time when the Kalmuck script was created (see e.g. Krueger 1975b).

Rahmn says that the combinations uu, yy and ou are lengthened and transcribes them as uh, yh, oh, presumably meaning [uː], [yː], [oː]; he does not mention the combination oy...
although it occurs frequently (in more than 400 words) in the dictionary. One of the earliest
published grammars of Kalmuck, Bobrovnikov (1849), contains a rather extensive and, as far
as I can judge, reliable section on pronunciation. Bobrovnikov says (pp. 18–19) that yy and
ou are alternative spellings of oy and uu, respectively, and that they are pronounced [yː] and
[uː]. The modern standard of the Kalmuck (Oirad) script used in China, as given by Jamca
(1999), writes these vowels as yy and uu.

Vowel length can also be indicated with a small diacritic stroke. This length mark is not
attached to u or y in modern Oirad script (Jamca 1999: 14), but this is sometimes (but not
very frequently) done by Rahmn, who calls the length mark an accent. The different spellings
and pronunciations are compared in the following table:

<table>
<thead>
<tr>
<th>Original</th>
<th>Rahmn</th>
<th>Bobrovnikov</th>
<th>Modern</th>
</tr>
</thead>
<tbody>
<tr>
<td>uu</td>
<td>[uː]</td>
<td>[uː]</td>
<td>[uː]</td>
</tr>
<tr>
<td>ū</td>
<td>—</td>
<td>[ˈu]</td>
<td>—</td>
</tr>
<tr>
<td>yy</td>
<td>[yː]</td>
<td>(yː)</td>
<td>[yː]</td>
</tr>
<tr>
<td>ţ</td>
<td>—</td>
<td>[y]</td>
<td>—</td>
</tr>
<tr>
<td>ou</td>
<td>[ou]</td>
<td>[oː]</td>
<td>(uː)</td>
</tr>
<tr>
<td>ō</td>
<td>[oː]</td>
<td>[ˈo]</td>
<td>[oː]</td>
</tr>
<tr>
<td>oy</td>
<td>[øy]</td>
<td>[ʔ]</td>
<td>[yː]</td>
</tr>
<tr>
<td>ū̄</td>
<td>[œː]</td>
<td>[ˈœ]</td>
<td>[œː]</td>
</tr>
</tbody>
</table>

Rahmn probably heard long Kalmuck vowels (with the length mark) as stressed (or
accented) since long Swedish vowels always are stressed. If his transcription of ou as oh
really means [oː] (against Bobrovnikov’s ‘long u’, [uː]) is difficult to know. Since Rahmn uses
the German, and not Swedish, sound values of the Latin letters in his table of the alphabet,
and also since h can indicate vowel length in German, but not in Swedish, the most probable
interpretation is that his oh does mean [oː] as in German. Since Swedish long o is ambiguous
between the pronunciations [oː] and [uː], he might also have meant [uː], a suggestion that is
supported by the fact that there is rather frequent variation between ou and uu in Rahmn’s
dictionary.

Conclusion

It is interesting to compare Rahmn’s work with the Kalmuck grammar (1851) and dictionary
(1852) by the German missionary Heinrich August Zwick (1796–1855) who belonged to the
Moravian Brethren and was living at Sarepta while Rahmn was there. Zwick’s grammar is
more comprehensive than Rahmn’s, but the dictionaries have about the same size. I have
not compared the dictionaries in detail, but there are some obvious similarities, such as the
great number of derived verbs in them. Another, rather curious fact suggests that Zwick had
access to Rahmn’s material when he wrote his dictionary. This concerns a word šabariŋ,
translated as *gyllenåder* by Rahmn (Figure 3). This Swedish compound, literally meaning
‘golden vein’ is unknown in modern Swedish, but according to the historical dictionary of the
Swedish Academy (*Svenska Akademiens ordbok*) it means ‘hemorrhoids’. Zwick lists the same
word with the glossing *der goldene Adler* ‘the golden eagle’. This word šabariŋ is found also in
Ramstedt’s (1935) Kalmuck dictionary (*šawrŋ*, translated as *der golden-adler*) with a reference
to Zwick, and it is listed by Krueger (1978/84) who translates it as *golden eagle*, referring
to Zwick and Ramstedt. Krueger did not find the word in any of the texts he used for his
dictionary, and I have not found šabariŋ or a similar word meaning ‘eagle’ in any Kalmuck
or Mongolian dictionary. There are similar words meaning ‘hemorrhoids’ however: Cyrillic
Kalmuck шамбрцг (*šambrcg*) (Korsunkiev 1992:57); Old Written Mongolian šambaram; Cyrillic
Mongolian шамбарам (*šambaram*). Krueger lists the Written Kalmuck forms šambaram,
šambrum, šamuruun, and Ramstedt gives šamborg, šamborg, all meaning ‘hemorrhoids’.

My guess is that Zwick used Rahmn’s material and misunderstood Swedish åder ‘vein’ as
corresponding to German Adler ‘eagle’.

Rahmn’s grammar and dictionary were never published, but my impression is that they
were more or less completed and only minor additions would have been needed to get them
into a publishable form. Perhaps he never intended to publish them, but just to use them
himself for his Bible translations. The fact that he wrote in Swedish suggests this, since it is
not easy to imagine who, except Rahmn himself, would read works on Kalmuck in Swedish.

Although Rahmn’s Kalmuck grammar is short and sketchy and there seem to be some
misunderstandings in it, I think it still has an interest as documentation of Kalmuck at
an early time. At the time when Rahmn wrote his grammar, most probably while he was
in Sarepta 1819-23, no Kalmuck grammar had been published in any language. The first
published grammars are those of Popov (1847), Bobrovnikov (1849) and Zwick (1851).

The dictionary, although left in a less finished state than the grammar is perhaps even
more valuable as documentation of the language at an early time. It is earlier than the
published dictionaries in European languages (Zwick 1852, Golstunskij 1860) and contains a
relatively large word material.

During my stay at Tohoku University I have translated Rahmn’s grammar into English and
transcribed, translated and rearranged the dictionary, and hope soon to be able to publish it
in a form useful for scholars of Kalmuck and of Mongolic languages in general.
Notes

(1) The account for Rahmn’s life is based on Jansson (1951) and Bawden (1985).

(2) Words printed in boldface are transliterated from the Kalmuck script used by Rahmn.

References

Bawden, Charles Roskelly   1985

Boberg, Folke   1946

Boberg, Folke   1954

Bobrovnikov, Aleksej Aleksandrovič   1849

Doerfer, Gerhard   1965
Ältere westeuropäische Quellen zur kalmückischen Sprachgeschichte (Witsen 1692 bis Zwick 1827). Wiesbaden: Harrassowitz.

Golstunskij, Konstantin Fedorovič   1860
Russko-kalmyckij slovar’ [Russian-Kalmuck dictionary]. Sankt-Peterburg.

Jamca, Todobeyin   1999

Jansson, E. Alfred   1951

Kara, György   2005

Korsunkiev, Ceren Korsunkievič   1992

Krueger, John R.   1975a

Krueger, John R.   1975b
Written Oirat and Kalmyk studies. Mongolian studies (Bloomington) 2, 93-113.
Krueger, John R. 1978/84
Materials for an Oirat-Mongolian to English citation dictionary (3 vols.). Bloomington: The Mongolia Society.

Popov, Aleksandr Vasil’evič 1847

Poppe, Nicholas 1955

Ramstedt, Gustaf John 1935

Stralenberg, Philip Johan 1730
Das nord- und östliche Theil von Europa und Asia, in so weit solches das gantze ruszische Reich mit Siberien und der Grossen Tataray in sich begreiffet, in einer historisch-geographischen Beschreibung der alten und neueren Zeiten ... Stockholm.

Svantesson Jan-Olof; Tsendina, Anna; Karlsson, Anastasia and Franzén, Vivan 2005

Zwick, Heinrich August 1851
Grammatik der West-Mongolischen das ist Oirad oder Kalmükischen Sprache. [Villingen]

Zwick, Heinrich August  [1852]