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The Pecheneg Settlement along Hungary's Northwestern Frontier

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Introduction

The intention of this paper is to describe one way of medieval contacts between Hungary and the Orient, namely how the Turkic speaking Pecheneg guards were settled in three counties, Moson, Sopron and Győr along the Western frontier of the Hungarian Kingdom. A method that compares written sources to historical geography will be used here. This method is applicable when researching the Hungarian Middle Ages, since early medieval Hungarian settlements were often named after the owner, or the tribe that settled there. Therefore, besides written documents, maps of medieval Hungary might reveal additional information about social and military organizations.

Pechenegs were reported first in the 7-8th centuries as habitants in Central Asia and were involved in the westward migration of the Oguz which started from the present Mongolian territories¹. They later lived by the Ural and Volga rivers. In 894, when they were expelled from their homeland by the Oguz and the Khazars, they occupied the Hungarian homeland called Etelköz (part of present Ukraine), forcing the Hungarians to settle in the Carpathian Basin (the historical Hungary) in 895-6. In the 10th century, the sovereign of the Hungarian (still Oriental-type pagan) state, Zolta obtained a peace with Pecheneg tribes in Etelköz and was also given an Oriental wife for his son *Taksony*. The princess was called "Cumanian" by Master P. (Anonymus), the author of the Gesta Hungarorum, (written AD 1200 approximately). According to Gy. Györffy, since the Cumanians (another Turkic people) did not reach the frontiers of Europe until the middle of the 11th century, this "Cumanian" wife must have been Pecheneg (Györffy 1990, 108). Among the first Pechenegs immigrating into Hungary during the reign of Zolta and Taksony (955-970) were the chief *Thonuzoba* and his son *Urkund*, who became the ancestors of the Hungarian *Tomaj* kindred, as their story is told by Master P. (Anonymus, chapter 57, SRH I, 116-117). The historicity of Thonuzoba is generally accepted by historians (Szegfű 1982). Györffy then conjectures that Thonuzoba probably came as a member of the retinue together with the anonymous Pecheneg princess. According to Anonymus, Thonuzoba was settled near the river Tisza, by Abád. Since there is a prevalence of the Pecheneg tribal name Talmač³ in this, eastern part of the country, reflected in the Hungarian place name *Tolmács*, Györffy believes that Thonuzoba was from the Talmač tribe (Györffy 1990, 109).4

Two sources indicate that some Pechenegs were used as frontier guards by the kings: according to Anonymus, the head of the state, Zolta, father of Taksony, settled Pechenegs in Moson county to defend the Western frontier⁵, and the Chronicon Picton describes how Pechenegs and Székelys were the vanguard of the Hungarian army, e.g. in the battle by Olsava against the Czechs in 1116, and in 1146, when the Hungarians marched on Austria (SRH. I: 113-114, 435-436 and 456). Kordé made an effort to discredit the information regarding Zolta (Györffy 1990, 110, and Kordé 1990, 3-20), but it is generally accepted that at least a part of the Pechenegs were military personell in north-western Hungary, because a diploma written in 1224 in Latin confirms them in that capacity.⁶ This document is the privilege of the village Árpás, which describes the military service of the local Pechenegs, and the fines and taxes they had to pay, based on their status (F. III/1, 362-64 and Györffy 1990, 127).

There are no diploma surviving which could tell us the exact time when the Pecheneg guards were settled in the three counties mentioned above. Our medieval sources mention Pechenegs in the villages Kajár, Tét, Nagybarát, Árpás and Kulcsod in Győr county, in a cluster by Barátfalu and Monóudvar, and by Királyudvar and in Pátfalu in Moson county, an island in the Danube by Pozsony (now Bratislava), on the border of Moson county and the village Pecsenyéd (now Pötsching, Austria) and a toponym (Besenyőkuta "the well of the Pecheneg") by the village Hegykő,

¹ Golden 1972, pp. 58-68.

² Györffy proves in many instances that Anonymus mirrors the political and ethnic situations of his own times when he describes the distant past, and that many of the ethnoryms in his work describes other ethnicities.

³ Tolmač or Talmač was the 6th tribe in the Pecheneg tribal confederation, according to Constantinos Porphyrogennetos § 37 (Moravcsik, 1988).

⁴ Á. Nagy (1969), after analyzing the archaeological material of the Pechenegs in the Tisza region (not a frontier area), proposed that the earliest Pechenegs were settled there together with Hungarian tribal warriors in clusters as military retinue.

⁵ ,,...in eodem confinio ultra lutum Musun collocavit etiam Bissenos non paucos habitare pro defensione regni sui, ut ne aliquando in posterum furibundi Theotonici propter iniuriam sibi illatam fines Hungarorum devastare possent." (SRH. I, chapt. 57, 113-114).

⁶ Still, most of the Pechenegs became usual rural population and assimilated as such (Robotka 2000, 398-400).

both in Sopron county⁷. Unfortunately most of these sources were written as late as in the 13th century, when noble families as well as private individuals understood the benefits of written documents and became used to deal with juridical cases in writing. This happened especially after 1181 when king Béla III required by law that every case must be present in written form before him. The oldest document in these counties concerning the Pechenegs is a list from 1086 over the estates of the monastery in Pannonhalma, which mentions arable lands owned by Pechenegs in Kajár.8 So, these sources testify that Pechenegs lived well settled in this region in the 12th century already. In lack of written sources from the 10-11 century, toponyms can be used to elaborate the chronology of the settlement. One kind of the oldest Hungarian toponyms were identical with the proper name of the first settler, the owner, or the kindred, or their ethnic name, while all Indo-Europaen language speakers (German, Slav, later Rumanian) around Hungarians develop their toponyms by suffixes or other additions to the proper name. This unique linguistic method was supposedly based on a nomadic lifestyle, when the dwelling place of a person was changeable but the proper name was constant. Although some toponyms were changed during the centuries and this method was occasionally still in use several hundred years after the population became firmly settled, it became less and less usual after ca 1250 (L. Kiss 1997, 177-8). So, by studing this special type of toponyms it is possible to establish contact between historically known kindreds, ethnic groups or sometimes even persons and suggest a chronology. So toponyms based on the ethnorym Pecheneg, their tribal names or names of kindreds and individuals, known from chronicles and other sources as Pechenegs or being obviously Turkic will be used to carry out this task.

A. The Pecheneg presence

By collecting the early Pecheneg toponyms I will prove that members belonging to these ethnic group settled in the region. The following toponyms formed from Pecheneg ethnonyms are to be found in these three counties:

1. Besenvő

- Besenyő "Pecheneg" by v. Lovászpatona (first mentioned in 1086, technically in Veszprém c., but on the border of Győr c.),
 - Besenyőkuta "the well of the Pecheneg" by v. Hegykő in Sopron c. (first mentioned in 1597),
 - Pecsenyéd "Pecheneg (place)" in Sopron c. (first mentioned in 1216/1397).
- It was also suggested that the village *Szerecseny* "Sarracene", Győr c. (first mentioned perhaps in 1086, surely in 1256), was populated by Pechenegs, because Sarracene meant a Muslim in medieval Europe and this religion and name were reported among them (Györffy 1990, 126-129, 155). There are no placenames composed from Pecheneg tribal names in Győr, Moson and Sopron c.

Besenyő and Szerecseny belong to the ancient type of toponyms, developed from ethnic or personal names, without a suffix. Besenyőkuta is formed as a posessive expression, where the owner was doubtless the *Osli* kindred (see later), who owned land in the village, as documented from the 13th century. Although the owners were Pechenegs, the population was probably not, because Hegykő (originally Igkő "holy stone") is a Hungarian toponym. Pecsenyéd is formed by the Hungarian denom. nom. suffix -d, which is quite common in place names, e.g. Abád (first mentioned in 1177) < Aba (personal name), Agárd (first mentioned in 1211) < agár "greyhound", Ózd (first mentioned in Baranya c. in 1216, in Borsod c. 1272) < Oguz, (Turkic ethnonym, cf Győrffy I, 1987 170, 357, 797, 846). However, the facts that the toponym kept an archaic form with the original Turkic p- and $-\check{c}$ - (instead of the secundarely Hungarian b- and $-\check{s}$ -) and which German variant, Pötsching originates of the shorter form without -d, witness to an ancient toponym. It is therefore most probably that Pecsenyéd, like Besenyő and Szerecseny, belongs to the most ancient type of toponyms, like those developed without adding a suffix.

- **2.** The three most iconic Pecheneg names (Thonuzoba, Urkon/Urkund and Tomaj) are supposedly of Turkic origin (cf. Gombocz 1915, 3, 24). There are no toponyms based on these names in Moson c. However, there are the following places found in Győr and Sopron Counties:
 - toponym *Urkony* between the villages Mezőörs and Bőnyrétalap, Győr c.,
 - *Urkony* by v. Fehértó in Győr c.,
- v. *Egyházasurkony* ("Urkony which has a church", first mentioned in 1241), Sopron c., probably destroyed during the Mongolian invasion in 1241-2, now two toponyms Urkony by Fertőd, Sopron c. (Csánki III, 634, Kiss-Paszternák 2000),
- placename *Urkony* in the vicinity of v. Sopronkeresztúr/Deutschkreutz, earlier Sopron c., now Austria (Kristó-Makk-Szegfű 1973-4, I, 67).
 - the estate *Tomaj* by v. Répceszemere, Sopron c. (mentioned in 1405, Csánki III, 633).

The question is whether the person or persons these places were called after is identical with the son of Thonuzoba. There are two persons called Urkony in the tradition recorded by Anonymus. One is the son of a Hungarian named *Eusee* (r: Őse), the ancestor of the *Szalók* kindred, which owned land along the river Tisza in Eastern Hungary. The

⁷ Cf. Györffy 1990, 124-128.

⁸ It is noteworthy that the Ottoman wars (1526-1697), which devastated the southern and central part of the country, especially Transdanubia and other wars in the region destroyed approximately 50 % of our written documents from the Middle Ages. Now there are ca 200 000 Hungarian diploma known from before 1526, in addition to chronicles, law texts, etc.

⁹ In case no other date is given, the toponyms on this list are first recorded in modern times, after ther Middle Ages.

other is the son of Thonuzoba¹⁰, the ancestor of the Tomaj kindred. The first centre of both kindreds were by the river Tisza, but Tomaj owned land also in other regions.¹¹ Although their presence is not attested by any written source in Sopron c., it can not be excluded that they were present here but moved away before it became usual to secure possessory rights in writing. In any case, persons called Urkund/Urkony occur later in the Tomaj kindred as well, namely in 1219, 1240 and in 1280 (VR § 1, HO VIII, 36-7, 208, Györffy II, 1987, 496).

Sources also mention persons called Urkund of other or unknown kindreds (Fehértói 2004, 781)¹², two of them in our region:

- Petrus, son of *Wrcund*, *iobagio*¹³ (jobbágy, military personell) of Sopron Castle, is mentioned several times between 1238 and 1367 (UB I, 184-5, 230, 294, II, 14).
 - Luca, grandson of *Urcund* was a iobagio of Moson Castle in 1268/1269 (UB I, 346, Györffy IV, 1998, 174). Both the father and the grandfather of these men lived in the 12th century. Because of both the social status and

Both the father and the grandfather of these men lived in the 12th century. Because of both the social status and the late occurance of this military man in Sopron it is less probable that these places were called after him, even less after the man who was connected to another, i.e. Moson c. Still, they could very well have been Pechenegs, who were given the name inspired by tradition or even fashion. In spite of its relatively widespread use, Urkund is a proven Pecheneg name, and as such it occurs several times among the Pechenegs settled along the Sár river in Fejér and Tolna counties¹⁴. A possible ethnic connection between Urkony by Bőnyrét*alap* and Mezőőrs and the Pecheneg group along the Sár river, Fejér c. is attested as well by the proper name *Alap* of Turkic origin (< *alp* "hero, courageous warrior" Rásonyi – Baski I, 53), which became a toponym: villages Alap (now Bőnyrétalap) in Győr county and another Alap in Fejér county. The grandson of a Pecheneg called *Oluph/Alaph* is mentioned here in 1293 and 1328 (Györffy II, 1987, 345), i.e. his grandfather must have been an important personality, mentioned in addition to the father as well. The fact that both Urkony and Alap are attested among Pechenegs in these two regions make the impression that they not only belonged to the same ethnic group but also immigrated or were organized approximately in the same period. It is noteworthy that one of their villages in the region Sár (*Besenyő*, today *Aba*) was mentioned already in 1192 (Győrffy 1990, 136).

The occurrence of the placename Tomaj in Sopron c., suggests that this kindred appeared in Sopron c. at some point. The name Urkony was attested of several members of this kindred.

There was one more noble Pecheneg kindred, called *Osli*, which owned land along the road from Győr to Sopron and further to the western border. Their historic past in the region beside documents written in the 13th century and later, is attested by the name Osli, which was the name of their main village in Sopron c., and also the name of the kindred and a personal name that was often used by them. All forms of this name were based on the name of an ancestor (Tatár 2014, 11-36).

B. The occupation of the Pechenegs

I. The frontier and its guards

The western frontier had several layers of defence system in the 9th-14th centuries. According to an ancient strategy, spaces were left deliberately empty around the kingdom, so the enemy would have no logistical bases when attacking the inland. This empty space was called the *gyepűelve*, the space on the other side of the gyepű, and was guarded by special forces who settled inland, in the region called *gyepű* (i.e. fallow land). Thus, gyepű and gyepűelve as parts of the defence system complemented each other. In the 10th century the western-most frontier of Hungary lay by the frontier fortress Melk (now in Austria), which was built by the Germans, before it was conquered by the Hungarians, then conquered back by the Germans in 984 (Kiss-Tóth 1987, 128). After this, the gyepűelve stretched until the Enns river in the 10th century. This line was abandoned by the Hungarians in the 11th century (Tagányi 1913, 97-104). So the frontier moved towards east during these centuries. The Annals of Altaich are the earliest source that described the man-made obstacles of Hungary at the turn of the millennium

 $^{^{10}}$ The name is spelled in three versions: *Urcun, Urcund* and *Ircundium* (Latin acc.) (Anonymus §§ 49, 57, SRH. I: 116-117 and others). It was pronounced Urkony and Urkund, which is not identical with Örkény, as it was wrongly assumed earlier (Kiss - Paszternák 2000, 79). The final -d is a Hungarian denom. nom suffix. The final -ny / -n is a usual dialect form, cf. *szappan/szappany* "soap", *fon/fony* "to wreathe, to spin", etc.

¹¹ In Vas county by Nagytilaj, Lesence*tomaj* and Badacsony*tomaj* by Balaton, by Nágocs in Somogy and by Regöly in Tolna counties, cf. Kristó – Makk – Szegfű 1974, II. 44.

¹² E.g. a habitant in v. Bökény, Bihar c. in 1214/1550 (Györffy I, 1987, 606); *Wrchon*, member of the Aba kindred, landowner in v. Bölse, Abaúj c. (now Slovakia) in 1232 (Györffy I, 1987, 72-3, CDES I, 284); *Urkon*, whose son was landowner in the v. Visznek, Heves c. in 1232 (HO VI, 112, Györffy III, 1987, 145); a noble man in 1282 (Károlyi I, 15), etc.

¹³ Iobagio, i.e. jobbágy was military personell, but not in the same sense as the Pechenegs of Árpás. A iobagio is an armed servant, but the Pechenegs of Árpás were given collective rights on ethnic basis.

¹⁴ E.g. 1322: the Pecheneg László, son of Johannes and his brother *Urkund* in v. Szedreg; 1324: *Urcund* and Philip, sons of the Pecheneg Nicolai (Veszpr. reg. no 150, 149, Györffy 1990, 137-9), etc.

¹⁵ The Hungarian chieftains and tribes left names only in the inner reaches of Moson and Sopron counties, bordered by the Lajta and Sopron Mountain ranges, which provide natural obstacles.

(Kristó – Makk – Szegfű 1973, 639). The rivers Feistritz, Lapincs/Lafnitz¹6 and Lajta/Leitha had been the border rivers of the Karolingian margraves (Kiss - Tóth 1987, 129). The peaceful relations with the Germans came to an end with the death of Henry II, the brother-in-law of king Saint Stephen I of Hungary, in 1024. Skirmishes happened along the frontier, which developed into war in 1030. German forces invaded Hungary, and St Stephen emptied the region between the Leitha and Rába rivers, so the enemy would not find food. The Germans turned back from the river Rába and were defeated by Vienna by the Hungarians. In the peace treaty Conrad II renounced his rights to the region between the Leitha and Fischa rivers, and a strip of land by the Western bank of the river Morava. It is likely that St Stephen designated these regions to be *gyepűelve* (Györffy 1983, 309-313). Hostilities had arisen after the death of St Stephen in 1038, when the German emperor Henry III had tried to conquer Hungary, so it was always important to defend this frontier. The gyepű was guarded by special forces, in Latin called *speculatores* (Hung. őr "guard"), *exploratores* ("spies") and *sagittarii* (Hung. *lővér*, "archer") (Kristó – Makk - Szegfű 1973, 651). Many historians supposed that the guards were tribal warriors.

This question concern one undecided problem of Hungarian history: why are toponyms formed from the name of the seven Hungarian landtaking tribes (*Megyer, Jenő, Kér, Keszi, Nyék, Tarján* and *Kürt-Gyarmat*, the last one obviously organized of two components) to be found all over the Carpathian Basin? The historians could not decide whether these tribal groups were settled widespread due to their military function by the frontiers or the fortresses, the centres of the counties; or was this a spontaneous, landtaking settlement when the ethnic unites were divided while their tribal names were still used; or common members of the tribes, still using their tribal names, tried to escape from the consequences of the new feudal order by settling outside of their original territories. Concerning the military duties of the Pechenegs, it is nesessary to survey the possible connection between their and the Hungarian tribal settlements, because according to Á. Nagy (1969) the Pechenegs, especially the Tomaj kindred, were settled in the vicinity of Hungarian tribal warriors, as a kind of military entourage.

While there are no Hungarian tribal toponyms in Moson c., there are several of them in Győr and Sopron counties. (Pecheneg settlements are not necessarely in their close vicinity):

- Kistarján and Újtarján ("Little T." and "New T.") under Pannonhalma, Győr c.,
- Megyer in the north of Győr c.,
- Tarján, Gyarmat and Keszővölgy ("village of K.") in the vicinity of villages Szerecseny, Tét and Kajár, Győr County,
 - Tarján and Nyék next to v. Kál in the south of Sopron c.,
- Kürtöskér, Nemeskér and Újkér ("Kér with a horn", "Noble Kér", "New Kér") between villages Szemere and Lövő ("archer") in the south of Sopron c.,
 - *Nyék* by the city of Sopron, close to Urkony,
 - Kér by Pecsenyéd, Sopron c.,
- *Kürtösmegyer* ("Megyers with a horn"), and *Nemeskér* ("Noble Kér") and Újkér ("New Kér") are all close to the toponym Tomaj.

Because it is not known whether the settlement of these tribal groups was carried out as military personell at all and due to a royal order (not necessarely by a written decree), this correlation could not help to decide the period when the Pechenegs were settled here as guards. However, their military function is proved by the chronicles and the privileges of Árpás as well, which is not the case concerning the Hungarian tribal groups. Their settlements did not necessarely happen in the same time. It is noteworthy that in the time of the settlement the newly arrived Pechenegs were obviously treated as one ethnic unity. Urkony by Nyék and Tomaj by Megyer and Kér make the impression that they were settled in the lifetime of Urkony, son of Thonuzoba, i.e. at the beginning of the 11th century.

The Pechenegs were incorporated into this order and had to cooperate with the Hungarian guards, who were or were not settled there in tribal unites. The following circles can be identified:

1. In Moson c. there were Pecheneg settlements along the northwestern bank of the Fertő/Neusiedl Lake (Besenyő, Pátfalu, Féltorony, Monóudvar, Barátfalu) close to *Királyudvar/Curia Regis* "Royal court" where Pechenegs owned land before 1203 (1990, 124) A string of documents¹⁷ mention how these were given to the monastery of Heiligenkreuz, and the Pechenegs dislocated. In this vicinity the v. *Lajtakáta* (Káta by the river Lajta) was identified as a possible Pecheneg frontier guard settlement. The Emperor Constantine Porphyrogennetos called the Pecheneg fortifications for -κάται, - γάται in his book *De administrando imperio* (chapter 37th, cf. Robotka 2000, 395), cf. Chagatay *qatay* "earthen rampart" (Németh 1930, 33, FNESZ 1988, II, 9). ¹⁸ This ethymology makes it likely that it was a Pecheneg frontier guard settlement. In 1339, the king affirmed the ancient privilieges of the Káta guards,

¹⁶ In such cases, the first toponym is Hungarian, the second one is the foreign (German or Latin) variant.

¹⁷ Cf. the diploma issued by King Imre of Hungary in 1203, were he gives a land previously owned by the Pechenegs to the monastery of Heiligenkreuz (Weis I, 38, UB I, 40, Reg.Arp. n. 206 = 1203/1208: W. I, 97, Reg.Arp. n. 233, Weis I, 42, W. VI, 344, UB I,59 and Weis I, 77, UB I, 129-30, Reg. Arp. n. 470, and Weis I, 50, UB I, 69, Reg. Arp. n. 332 and Weis I, 63, W, I, 183, UB I, 88, Reg. Arp. n. 385 and Weis I, 72, W. I, 261-62, UB I, 118-9, Reg. Arp. n. 458 and Weis I, 104, W. I, 109, UB I, 161, Reg. Arp. n. 615 and Weis I, 93, UB I, 169, Reg. Arp. n. 615 and Weis I, 132, W. II, 271, UB I, 251, Reg. Arp. n. 1093 and Weis I, 214, UB II, 113, Reg. Arp. n. 2882 and Weis I. 116, UB II, 119).

¹⁸ Vörös (2002, 627-628) has questioned this ethymology without offering an alternative.

denying the count of Moson any right in inhibiting their privileges, and demanding only that they must do service on swift horses with good weapons. The road leading to Káta is mentioned in 1209 as a border road (Györffy 1998, IV, 152). These guards defended the main road from Győr to Vienna through the bridge of the Lajta river, called *Király hídja* "the king's bridge" in the Middle Ages (now Bruck a.d.Leitha, Austria). Toponyms like Tétény, named after one of the landtaking chiefs in 895/6, the royal court and the king's bridge witness to the continuity of the defence system from the beginning of the Hungarian rule through the Arpadian kings until even to the 20th century, this being one of the most important ports through the "iron courtain".

- 2. West of the Fertő/Neusiedl Lake, there were v. Őrpordány (1395: Ewrpordan "Pordány of the guards"¹⁹) and v. Pecsenyéd/Pötsching, both Sopron c., close to the river Lajta, which made the frontier (Györffy 1990, 126). Between the v. Röjtökőr "the guards in ambush" and Pecsenyéd is the placename Feldvár "earthen fortification". There is a further earthen fortification system called Magyarárok "Hungarian ditch" in its vicinity (Kiss-Tóth 1987, 129). Towards the town Sopron there is the toponym Lővér "archer". Behind this line there is the toponym Gyula, a well-known name in the Kán kindred, which descended from chief Tétény.
- **3**. The original home of the Pecheneg Osli kindred must have been the v. *Osli*, east of the lake, close to *Kapuvár* "the fortress of the port". In the 13th century they owned land along the road from the river Lajta to Győr, in the close vicinity of places like *Röjtök(muzsaj)* "ambush", Egyházasurkony, Urkony, the village *Kapi* "port". The toponym *Tétény* by the v. Vitnyéd witnesses to a place owned or governed by this landtaking chief. Before the road reached Győr, there were Árpás, the privileged settlement of Pecheneg guards.

This survey shows a well-established defence system along the river Lajta from the royal bridge in Moson to the southern part of Sopron c. These two parts of the frontier were backed up by settled guards along two roads, which went from Győr respectively on the northern (Moson) and the southern (Sopron) side of the lake. Beside the extensive marshes along the lake and the Rába, Marcal and other rivers there were man-made military installations, defending the country, attested also by toponyms: ditches, earthen fortifications, wading places called "port" guarded occasionly also by a fortress (e.g. Kapuvár). Toponyms attest here to the military forces as well, like guards, guards waiting in ambush and archers. It is noteworthy that from the first generation of the landtaking leaders chief Tétény occurs here twice and later his descendant, Gyula.

The Pecheneg frontier guards were already in place along the Western frontiers by the time the German Emperor Henry III attacked Hungary in 1051. A mixed army of Hungarians and Pechenegs met the emperor, attacking him every night with poisoned arrows and with traps and at the end defeated his army (SRH. I: 348-49).

II. Royal entourage?

Earlier the question was raised whether Thonuzoba really was the father-in-law of Taksony, and in such capacity belonged to the retinue of the Árpádian Dynasty. Recently I tried to answer this question by elaborating a survey of Pecheneg toponyms in the vicinity of those called after early Hungarian princes (Tatár, 2013, 456-464), therefore only some toponyms and their connections will be mentioned here. Obviously there are three chronological horizons to be dealt with:

1. Between the landtaking in 895-6 and the reign of St. Stephen: A marshland by Kapuvár, Sopron c. is called after chief Tétény, one of the seven leaders of the landtaking. According to the chronicles, Kál (in some sources also called Bogát), who held the title karcha/horka/harka, supreme judge", was his descendant and presumably the chief of the Turkic and Iranian, so-called Kabar/Kavar groups who joined the Hungarians when they left westwards from the Pontic steppes. This title occurs in the name of the v. Harka by Sopron. The title was held by Bulcsú (+955), descendant of Kál, during the reign of Fajsz/Falicsi. Fajsz was the cousin and predecessor of Taksony. The ownership of Kál and his family is attested by toponyms in the northernmost part of Vas c. by villages like Sajtoskál, Bulcsú and Tompaládony (after Lád, Bulcsú's kindred). Harka and the villages in Vas c. is connected by the ancient Roman road²², so their function as responsible leaders along the western frontier is obvious. Even more so because groups which joined an Oriental state, were usually put to such military functions. Bulcsú, the son of the horka Kál

¹⁹ It occured already in 1376 as the village of the royal guards (*spiculatores*, r.: *speculatores regis*), later Lajtapordány/ Prodersdorf Csánki III, 1897, 625.

²⁰ Another person, connected to the landtaking event was Szabolcs. One of his descendants was Csák, whose name occurs in the toponym Csáktelek, which exact localization is unknown. According to Anonymus, Szabolcs was the son of one of the seven tribal leaders, Előd, while according to the chronicles, he was himself a tribal leader during the landtaking and in any case the ancestor of the aristocratic Csák kindred. Csáktelek occurs in a diploma from 1326 together with other possessions belonging to a noble family of v. Vág in Sopron c. (HO V, 2004, 101-2, Csánki III, 1897, 603). However, their villages are very widespread in the county therefore their exact localization is impossible to determinate.

²¹ Cf. Moravcsik 1988, 49 and the chronicles.

²² The Roman Empire conquested Transdanubia (i.e. Hungary west of the Danube) after 35 BC and held it until 433 when the Huns got this territory. By the end of the 5th century, the Roman and romanized population mostly disappeared from Pannonia, as it was called in Roman times. The Romans built here many cities (e.g. *Scarbantia* i.e. Sopron, *Ad Flexum*, i.e. Moson, *Arrabona* i.e. Győr), fortifications (e.g. *Mursella* close to Árpás) and excellent roads.

²³ Cf. Göckenjan 1972.

was a contemporary of Taksony, the head of the pagan Hungarian state in the 10 century²⁴. Pecheneg place names do not occur together with Kál along the Roman road.

So the Pechenegs must have been settled in these surroundings later. Thonuzoba is not mentioned here as royal entourage or frontier guard. However, according to chapter 57, (SRH. I, 113-114), Zolta settled Pechenegs by the borders beyond the lake in Moson c. to defend the country from the Theutons, that is, Germans. Kordé has questioned the validity of this source: his argument rests on the fact that the Pechenegs had attacked the Hungarians in 895, causing the Hungarians to immigrate from their previous homeland in Etelköz (today Ukraine), and into present-day Hungary, thus the animosity of the two peoples would be great in the first half of the 10th century, and since Zolta was the son of the Landtaking Chief Árpád, his period would be too early to assume friendship between the two peoples. Kordé believes that Anonymus took the name Zolta from a known chief of the Pechenegs, who lived in Moson c. in the 11th c. (Györffy 1990, 110, and Kordé 1990, 3-20). However, Kordé accepts Anonymus' information that Thonuzoba came in the reign of Taksony, son of Zolta. That Thonuzoba should be welcomed by the Hungarian chief, makes sense if this chief was related or connected to the Pecheneg (by Anonymus "Cumanian") princess, the wife of his son. These two data support each other, and they indicate that the Hungarians managed to negotiate a peace treaty of some sorts with the Pechenegs who had earlier defeated them, and the Pecheneg bride sealed this treaty. According to Konstantinos Porphyrogennetos (writing about 950, during the reign of Taksony, whom he mentions), the Hungarians could not be persuaded to fight against the Pechenegs, saying that they could not defeat them (chapt. 3). This statement is repeated in chapt. 8, were the emperor describes how one of his envoys did try to persuade the Hungarians to attack the Pechenegs. This information indicates a Hungarian-Pecheneg peace treaty as well. It is not illogical to assume that Pecheneg envoys and tribal members came as entourage with the wife of Taksony, during the reign of Zolta. So it is possible that Zolta settled Pecheneg frontier guards beyond the lake in Moson County. Kordé's proposal that Anonymus conflated two historical persons is not acceptable because Anonymus writes about chief Zolta in several passages, identifies him as the son of Árpád, and creates a distinct portray of him in many passages, some which have nothing to do with the Pechenegs. It is impossible to prove beyond doubt that the settlements known as Pecheneg in Moson c. in later Latin documents are the exact same settlements created by Zolta, but their location fits the description. All in all, Anonymus' statement on the issue of Pechenegs in Moson is within the range of possibility.

In any case, the Pecheneg presence in this period is undoubted.

2. The reign of the first Christian king, St. Stephen (between 1000 and 1038) represented both continuity of the Hungarian rule and a Christian - European renewal. From this period at least two toponyms based on the names of the king's relatives are to be found in Sopron c. There are two villages called *Bogyoszló*²⁵, the grand-grandson of Taksony and the cousin of the king (Kristó – Makk - Szegfű 1973, 51): one below Sopronkeresztúr, the other above Magyarkeresztúr, i.e. along the same west-eastern route, as Tétény, mentioned above. Furthermore there is a toponym Gyula by Lépesfalva (Loibersdorf) by Sopron. Several persons were called by these name among the descendants of Tétény, a.o. king St. Stephen's maternal grand-father and the governor of Transylvania (according to Anonymus chapt. 24), and several others in the *Kán* kindred, according to written documents (Karácsonyi 1900/1995, 735-44).

The counties were organized by St. Stephen based on royal possessory rights and the existing fortresses as centres. They were often called after their first leader (Latin *comes*, i.e. Hung. *ispán*)²⁷, as e.g. Sopron, or after some geographic characteristics, like Moson after the marshlands. Toponyms after important persons as Kál must have existed here before *Sopron*, got this name after the Christian comes, *Sophronius*. Still this surroundings west of the Fertő lake and its marshes, in a safe distance from the German border was an important centre, where the Pechenegs not as a retinue but as guards got their function and places to settle, perhaps at the end of the 10th century, in any case before 1051, when they defended the country against the German emperor together with the Hungarian forces.

Recent Pechenegs immigrants are not mentioned here in this period of martial contacts with the Pechenegs again on the eastern frontier of the country. According to the greater legend of the holy king St. Stephen (written around 1080), the Pechenegs attacked Transylvania sometime between 1014-1017, but were repelled by the strenghtened fortifications (SRH II, 389). However, Pecheneg fractions continued to spill into Hungary in the 11th century, as a result of having been pushed by the Oguz Turks, who in turn were pushed by the Cumans. The minor legend of St Stephen (written after 1083) tells how 60 rich Pecheneg aristocrats and their men migrated from Bulgaria into Hungary, but were robbed by the king's soldiers whereupon the king had the robbers hanged to give justice to the Pechenegs (SRH II, 398-399). King St Stephen died in 1038. Györffy supposes that there must have been more Pecheneg campaigns into Hungary, because the Chronicon Picton writes that Hungarian princes *Endre* and *Levente*

²⁴ Cf. Konstantinos Prophyrogennetos, Moravcsik 1988, 49.

²⁵ Bogyoszló comes from the South Slavic name Budislav/Budzislav (Kiss 1988, I: 229). There were other persons by this name in Hungary as well (listed in Fehértói 2004, 156).

²⁶ About the debat around the methods used during this process cf. Kristó 1988, 21-99.

²⁷ The ispán (comes in Latin) was the highest dignitary in the medieval Hungarian counties, appointed by the king. He resided in the county fortress, and was both judge of the peoples living on the territory of the county, administrative head to the whole county, and military leader of the county forces.

sought refuge among the "Cumanians"²⁸ after 1031, and at that time, they found Hungarian prisoners of war among them (SRH I, 336 and Györffy 1990, 112).

In any case, in the second half of the 11th century, the Pechenegs as military personell in these three counties participated in the internal wars between the Árpádian throne pretenders.

3. The Pecheneg immigration continued during the 11-12th centuries. In 1048, the Pechenegs overflooded Byzantium in greater numbers, partly due to a civil war between *Tirāk* and *Kegen*, two Pecheneg chiefs (Györffy 1990, 104). On the eastern border, after some peaceful years, the kings and princes, especially St. László I had to face their attacks, which resulted in more settlements. According to the chronicles, Jan, comes (ispán) of Sopron also captured a band of marauding Pechenegs in Byzantine service when these came to the rescue of Nándorfehérvár (todays Beograd), while the castle was under siege by the Hungarian king in 1071 (SRH. I: 369-71). It may be presumed that these Pechenegs were settled by him, probably in Sopron county, since it was normal Hungarian practice to turn war prisoners into auxiliary peoples.

Conclusions

The Pechenegs, this Oriental, Turkic speaking people was settled partly as peasants and partly as frontier guards along the Northwestern border of Hungary. It is impossible to say how much their original way of life differed from that of the Hungarians at that time, both peoples being originally a mixed nomadic-seminomadic-agrar population, possibly to different degrees.

The Pechenegs occured in Moson and along the main road to the wading place on the river Lajta probably not during the first (Tétény) but only in the second (Zolta) generation after the Hungarian conquest. Here, the royal autorities organized the defence (e.g. Királyhida), still keeping the Pecheneg guards by the border, while on the eastern shore of the Fertő lake, their places came into the possesion of the church.

Along the other main road which still goes from Győr by the southern shore of the Fertő lake and westwards, one of the landtaking chiefs, Tétény is the oldermost authority who is attested by toponyms. However, later, during the third (Taksony) or even the fourth (Géza and St. Stephen) generation i.e. in the second halfth of the 10th century - 11. century, Pechenegs were settled along the road (Urkund/Urkony and Osli). South of this road, by the border of Sopron c. is found the name of the kindred Tomaj, which indicates a connection to Urkund/Urkony.

Between Sopron and Szombathely, the centre of Vas c. longer south, the defence of the frontier was probably the responsibility of Kál, the supreme jugde at the beginning. From the second half of the 10th century, his descendant, Bulcsú was mostly based in Vas c.

Although the Pechenegs were at first the typical free mounted archers of the gyepű and gyepűelve system, they became obviously succesfully inculturated and later assimilated in the Hungarian defence system, usually as military personell. Archeologist did not determine the time when the earthen fortifications, ditches and even perhaps the fortresses were built here. Some of them could have been used by the Pechenegs (Káta). In any case, Hungarians re-used Roman buildings for various purposes including defence e.g. in Sopron, probably from the very beginning.²⁹

Their ethnic history is not ended in the middle ages: by visiting these villages I found groups who are called Pechenegs by their neighbours even today, without knowing what that name means. This tradition might have survived thanks to a strong ethnic consciousness helped by a military organized past. As far as I know, this is the one of the very few regions where the ethnicity of this people of Asian origin is still remembered and as such a precious contribution to human history. I plan to write more extensively on Pecheneg traditions in this region in the future.

²⁸ When assessing the information about "Cumanians" in todays Ukraine in the 11th century, then the same principle applies as mentioned above. Since the Cumanians did not appear in Europe before the 12th century, these "Cumanians" must have been Pechenegs, who inhabited that land before it was conquered by the actual Cumanians. There are many examples of 13th century ethnonyms which the author of the Gesta Hungarorum (Anonymus, magister P.) used to describe conditions before his own time.

²⁹ In any case the classic gyepű and gyepűelve which existed in the 10-11th centuries, was replaced by new fortifications in the 13th century (Kristó – Makk – Szegfű 1973). Although the Roman ruins were not always used as they were originally intended: In the case of Visegrád-Sibrik Hill the Hungarians took a Roman fortress into use as a fortification for the ispán. But in Röjtökmuzsaj, they only found a Roman villa on Zsebedomb, which they used as a burial place in the 10th century. Some of the people buried here were probably border guards based on finds of quivers with arrows in some of the graves. In other words, the villa rustica was no longer used for its original purpose (verbal communication from archaeologist János Gömöri).

Abbrevations

 $c = county \quad v = village$

References

AO = *Anjoukori Okmánytár I-VIII*. Documenta res Hungaricas tempore regum Andegavensium illustrantia [Documents of the Angevin Age] Eds Nagy, Imre - Tasnádi Nagy, Gyula. Budapest 1878-1920.

ÁÚÓ = WENZEL Gusztáv, Árpád-kori Új Okmánytár. Pest, 1860-Budapest 1874. XI. 158.

Anonymus, 1977: *Gesta Hungarorum*. Transl. Dezső Pais, red. Gy. Györffy. 2nd ed. Budapest (Bibliotheca Historica). [Latin original, Hungarian translation]

Benkő, Loránd 2003: *Beszélnek a múlt nevei. Tanulmányok az Árpád-kori tulajdonnevekről.* [The names of the past speak. Studies about the personal names of the Árpádian Period]. Budapest, Akadémiai Kiadó.

B. Szabó, János 2010: *A honfoglalóktól a huszárokig*. [From conquering Hungarians to Hussars] Budapest, Argumentum.

CDES = Codex Diplomaticus et epistolaris Slovaciae. I-II. Ed: Richard Marsina. Bratislavae 1971-1987.

Csánki, Dezső 1897: *Magyarország történeti földrajza a Hunyadiak korában III*. [The historical geography of Hungary in the Hunyadi period] Budapest, Magyar Tudomnányos Akadémia.

Dénes, József 1996: Nyugat-Dunántúl a 10. században. Kísérlet a helynevek értelmezésére. [Western Transdanubia in the 10th century. Attempt at interpreting the place names]. In: *Vasi Szemle L/3 (1996)*. 357-370.

Dénes, József 2003: Polémikus széljegyzetek egy alapműhöz (Polemic note on some basic reading). In: *Vasi Szemle 47* (4): 494–498.

Dénes, József 2007: Nyugat-Dunántúl korai várépítészetének kutatástörténete. *A Castrum Bene Egyesület XIII. Vándorgyűlése. Kőszeg 2007, május 12.* (The research history of the construction of the early fortifications of Western Transdanubia. The XIIIth meeting of the Castrum Bene Assosication in Kőszeg 2007, May 12th).

DHA = Diplomata Hungariae Antiquissima accedunt epistolae et acta ad historiam Hungariae pertinentia. Volumen I ab anno 1000 usque ad annum 1131. Edendo operi praefuit Georgius Györffy, Budapestini 1992.

Fehértói, Katalin 2004: Árpádkori személynévtár (1000-1301). [Thesaurus of proper names in the Arpadian period] Akadémai Kiadó Budapest.

Fejér, György 1829-1844: Codex diplomaticus Hungariae ecclesiasticus ac civilis. I-XI. Budae.

Ferril, Arther 1986: The Fall of the Roman Empire. The Military Explanation. Thames and Hudson.

FNESz = Kiss, Lajos 1988: Földrajzi nevek etimológiai szótára I-II. [Etymological dictionary of toponyms] Budapest, Akadémiai Kiadó.

Golden, Peter 1972: The Migration of the Oguz: Archivum Ottomanicum 4.

Gombocz, Zoltán 1915: Árpádkori török személyneveink [Our proper names of Turkic origin in the Arpadian period] In: *Magyar Nyelvtudományi Közlemények 16*. Budapest.

Göckenjan, Hansgerd 1972: Hilfsvölker und Grenzwächter im mittelalterlichen Ungarn. Wiesbaden, Harrassowitz.

Gömöri, János 2007: A nyugati határvidék korai sáncvárairól, különös tekintettel Sopronra: *A Castrum Bene Egyesület XIII. Vándorgyűlése.* Kőszeg 2007, május 12. (About the early rampart fortifications of the western frontier, especially Sopron. The XIIIth meeting of the Castrum Bene Assosication in Kőszeg 2007, May 12th).

Görffy, György 1948: *Krónikáink és a magyar őstörténet*. [Our chronicles and the early history of Hungarians] Budapest, pp. 115-118., 122-125.

Györffy, György 1977: István király és műve (King Stephen and His Legacy). Gondolat, Budapest.

Györffy, György 1987, 1998: Az Árpád-kori Magyarország történeti földrajza I-III, 3rd ed., IV. [Historical geography of Hungary in the Árpádian Period] Budapest, Akadémiai Kiadó.

Györffy, György 1990: Besenyők és magyarok. [Pechenegs and Hungarians] 2nd ed. In: *A magyarság keleti elemei*. [The Eastern elements of the Hungarian people] Budapest, Gondolat, pp. 139-191.

Haller, János 1998: *Moson vármegye történelmi földrajza (1941)*. [Historical geography of Moson County] Mosonmagyaróvár.

Hóman, Bálint 1930: Szent Imre [Saint Emmerich] In: Magyar Szemle IX. (1930), 201-209.

HO = Hazai Okmánytár. Codex diplomaticus patrius (Ungarisches Urkundenbuch) I-V. Eds Imre Nagy, Iván Paúr, Károly Ráth, Dezső Véghely. Győr 1865-1873, VI-VIII. Eds Arnold Ipolyi, Imre Nagy, Dezső Véghely. Budapest 1876-1891.

Karácsonyi, János 1900: *A magyar nemzetségek a XIV. század közepéig* [The Hungarian kindreds until the middle of the 14th century]. Reprint 1995, Budapest, Nap Kiadó.

Károlyi = *A nagy-károlyi gróf Károlyi család oklevéltára. Codex diplomaticus comitum Károlyi de Nagy-Károly.* (Urkundenbuch der Grafenfamilie Károly von Nagy-Károly). I-V. Ed. Kálmán Géresi. Budapest 1882-1897.

Kiss, Andrea – Paszternák, István 2000: Hol volt Urkony? Adalékok a Fertő-vidék középkori településtörténetéhez [Where was Urkony? Data to the medieval history of the settlements in the Fertő region] In: *Soproni Szemle* LIV/4,

pp. 402-419.

Kiss, Gábor – Tóth, Endre 1987: A vasvári "római sánc" és a "Katonák útja" időrendje és értelmezése (Adatok a korai magyar gyepürendszer topográfiájához I) [Chronology and interpretation of the "Roman Fortification" and "Military Road". Facts about the topography of the early Hungarian gyepű] In: *Communicationes Archaeologiae Hungariae* pp. 101-134.

Kiss, Lajos 1997: Korai magyar helységnévtípusok. In: *Honfoglalás* és *nyelvészet*. [Early types of Hungarian village names: landtaking and linguistics] Balassi Kiadó, Budapest pp.177-185.

Kristó, Gyula – Makk, Ferenc – Szegfű, László 1973: Adatok "korai" helyneveink ismeretéhez [Data supporting the understanding of our "earliest" place names]. In: *Acta Historica XLIV* (1973).

Kristó, Gyula – Makk, Ferenc – Szegfű, László 1973: Szempontok és adatok a korai magyar határvédelem kérdéséhez [Considerations and facts regarding the question of the early Hungarian frontier guards]. In: *Hadtörténeti Közlemények XX/4 (1973)*, pp. 639-660.

Kristó, Gyula 1988: *A vármegyék kialakulása Magyarországon*. [The evolution of counties in Hungary] Budapest, Magyető Könyvkiadó (Nemzet és emlékezet).

Kumorovitz, Bernát (ed.) 1953: *Veszprémi regeszták 1301-1387*. [Registers from Veszprém, 1301-1387] Budapest, Akadémiai Kiadó.

Lackovits, Emőke 1972: A rábapatonaiak eredethagyománya [The legend of origin of the village Rábapatona]. In: *Arrabona 14 (1972)*, Xántus János Múzeum, Győr, pp. 235-253.

Magyar középkor az államalapítástól Mohácsig. [Hungarian Middle Ages from the foundation of the state until Mohács]. Ed.: Nagy, Gábor. Veszprém, Könyves Kálmán Kiadó 1995.

Magyar, Kálmán 2013: A 10-11. századi magyar határvédelem (gyepű) várainak kutatása I. Újabb adatok a déli és az északkeleti korai határvárak vizsgálatához. [Research of the fortifications along the 10-11th century Hungarian frontier (gyepű) I. New Data about the Southern and Northeastern early frontier fortifications]. In: *A honfoglalás kor kutatásának legújabb eredményei* [New results of the research of the Hungarian Landtaking Period]. Szeged pp. 681-700 (Monographs from the Archaeological Department of University of Szeged 3).

Moravcsik, Gyula 1988: *Az Árpád-kori magyar történet bizánci forrásai. Fontes Byzantini historiae Hungaricae aevo ducum et regnum ex stirpe Árpád descendentium.* 2nd ed. Budapest, Akadémiai Kiadó.

Rásonyi, László – Baski, Imre 2007: *Onomasticon Turcicum. Turkic Personal Names I-II.* Indiana Univ. Bloomington (Indiana University Uralic and Altaic Studies 172/1-2).

Reg.Arp =

Robotka, Csaba 2000: Csatlakozott katonai segédnépek az Árpád-kori Sopron és Moson megyében [Joined military auxiliary peoples in Sopron and Moson Counties in the Árpádian Period] In: *Soproni Szemle 2000/4*, pp. 374-401.

SO = Sopron vármegye története. Oklevéltár I-II. [History of Sopron County. Diplomatica I-II] Ed: Nagy, Imre. Sopron 1889-1891.

SRH = Scriptores rerum Hungaricarum tempore ducum regumque stirpis arpadianae gestarum. I-II. Ed. E. Szentpétery. Budapest 1937-8. Reprint Nap Kiadó 1999.

Szegfű, László 1982: Megjegyzések Thonuzoba históriájához. [Notes to the story about Thonuzoba] *Századok* 116 (1982/2) pp. 1060-1078.

Tagányi, Károly 1913: Gyepü és gyepüelve [Gyepű and gyepűelve]. In: *Magyar Nyelv IX*. (1913), pp. 97-104. Tatár, Mária Magdolna 2004: A regösénekek homályos értelmű szavainak etimológiája: ardeli, párizs, tollbársos. [Ethymology of obscure words in regös songs: ardeli, párizs, tollbársos] In: *Az Idő rostájában I-III. Tanulmányok Vargyas Lajos 90. születésnapjára*. [In the sift of time. Studies in honor of Lajos Vargyas' 90th Birthday). Budapest, L'Harmattan.

Tatár, Sarolta 2013: Feltételezett vezérnevekből képzett helynevek Moson, Sopron és Győr megyékben. In: Tudományos próbapálya http://www.peme.hu/userfiles/T%C3%A1rsadalomtudom%C3%A1nyi%20 szekci%C3%B3.pdf

Tatár, Sarolta 2014: *Az Osli nemzetség Sopron megyében* [The Osli kindred in Sopron county]: Társadalom és életmód-történeti kalandozásokn térben és időben a nyugat-dunántúli végektől a Kárpátokig. Ed. J. Újváry Zsuzsanna. Piliscsaba.

Thúróczy, János 1980: *A magyarok krónikája*. [Chronicle of the Hungarians]. Transl.: Horváth, János. Budapest, Európa.

ÜB I. = *Urkundenbuch des Burgenlandes und der angrenzenden Gebiete der Komitate Wieselburg, Ödenburg und Eisenburg.* Unter bearb. u. Vorarb. von W. Goldinger, E. Zöllner und R. Neck bearb. von Hans Wagner. I. Bd. Die Urkunden von 808 bis 1270. Graz – Köln 1955, Verl. Hermann Böhlaus Nachfl. (Publikationen des Institutes für Österreichische Geschichtsforschung 7. R.).

UB II = Urkundenbuch des Burgenlandes und der angrenzenden Gebiete der Komitate Wieselburg, Odenburg und Eisenburg, II. Band, Die Urkunden von 1271 bis 1301. Unter bearb. u. Vorarb. von Lindeck- Pozza. Graz-Köln

1965 Hermann Bohlaus Nachf.

UB III = Urkundenbuch des Burgenlandes und der angrenzenden Gebiete der Komitate Wieselburg, Odenburg und Eisenburg, III. Band, Die Urkunden von 1301 bis 1327, mit Nachtragen von 1233 bis 1301. Unter bearb. u. Vorarb. von Lindeck- Pozza. Graz-Köln 1979, Hermann Bohlaus Nachf.

Váczy, Péter 1927: A királyi szerviensek és a patrimoniális királyság. [The royal servients and the patrimonial monarchy]. In: *Századok* LXI (1927), pp. 243-290, 350-414.

Veszpr. Reg. = *Veszprémi regeszták* 1301-1387. [The Registers of Veszprém] Ed. Kumorovitz, Bernát. Akadémiai Kiadó, Budapest, 1953.

Vörös, Gábor 2002: Relics of Pecheneg Language in the Works of Constantine. In: *The Turks*. Eds Hasan Celal Güzel, C. Cem Oşguz, Osman Karatay, vol. 1. pp. 617-632. Ankara, Yeni Türkiye Publications.

VR = Kandra, Kabos 1898: *A Váradi Regesztrum*. [The Regesta from Nagyvárad] Budapest, Szent István Társulat.

W = Wenzel, Gusztáv 1860 - 1874: Árpád-kori Új Okmánytár I-XII. Codex diplomaticus arpadianus continuatus [New Diplomatica of the Árpádian Period]. Reprint Pápa 2001-2002.

Weis, Johann Nepomuk 1856: *Urkunderbuch des Cistercienser-Stiftes Heiligenkreuz im Wiener Walde*. Kaiserlich-Königliche Hof- und Staatsdruckerei.

Wertner, Mór 1892: *A magyar nemzetségek a XIV. század közepéig*. [The Hungarian Kindreds until the Middle of the 14th Century]. Temesvár.

Zal. I. = *Zala vármegye története. Oklevéltár* I-II. [The history of Zala county. Diplomatica] Eds Nagy, Imre – Véghely, Dezső – Nagy, Gyula. Budapest 1886 - 1890.