The Utilization of Local Wisdom of the Pusuk Buhit Community, Sianjur Mula-Mula District, in Tourism Development in Samosir Regency, North Sumatera Province

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ABSTRACT
The Lake Toba area, which is one of the priority tourist destinations in Indonesia, has a variety of local wisdom that can be used for tourism development. This study analyzes what local wisdom in Pusuk Buhit is still guided by and which has been lost in today's daily life. Next, we will analyze the reasons behind the low tourist visits to Pusuk Buhit, Samosir Regency, which has an extraordinary natural and cultural heritage base. The research was conducted with a qualitative descriptive method. Data was collected using in-depth interviews, combined with field observations and FGDs with several key informants, namely community leaders, several NGOs. The results showed that some of the local wisdom found in Pusuk Buhit, Samosir Regency is still used as a way of life, but some of it is no longer used as a way of life. Most of the tourists who visit the local wisdom location in the area of Pusuk Buhit, Sianjur Mula-Mula Sub-district, do religious tours; they come to perform their pilgrimage to the local wisdom location. Stories about the local wisdom are not uniform, and they are usually interpreted differently by the speakers, based on their own religion. The reasons of tourists reluctant to visit the local wisdom location is because of lack of transportation to the location, the location is far from the hotels where the tourists stay, there is no inn or motel in the local wisdom location, tourists need extra energy to reach the area of Pusuk Buhit, lack of information about the existence of the local wisdom, lack of service in the local wisdom location, lack of facilitation for the tourists to relax, lack of toilets/bath rooms, lack of restaurants or food stands, and sanitation and hygienic conditions in the local wisdom location are very bad.

Keywords: Pusuk Buhit area, local wisdom, Lake Toba tourism

1. BACKGROUND

Lake Toba is the most valuable asset of the North Sumatera Provincial Government; it is the third DTW (Tourist Destination) in Indonesia. In the last two decades, this area underwent degradation from various aspects which decreased the quality of its environment and beautiful panorama. The national and international care for this tourist destination is clearly seen from various brochures which attract the attention of all people to improve the beauty of Lake Toba. This tourism object should be managed properly to be a tourist destination in order to avoid the conflict of using/utilizing this area (Sianturi, 2004).

Samosir Regency is one of the seven regencies in the vicinity of Lake Toba. There are six problems which rise concerning the development of Lake Toba: preservation of water resources, fishery and environment, agriculture and plantation, culture, tourism, and infrastructure (Sinaga, 2018).

One of the cultural discussions and its relation to tourism is local wisdom. According to Ahimsa-Putra (2009), local wisdom is the instrument of knowledge and practices in a certain community which comes, either from the previous generation or from the experience in environment and other communities, to settle any problems and/or difficulties that have legal and not legal enforcement. Traditional wisdom is different from local wisdom. In the local wisdom, the emphasis is on places and localities of the wisdom so that local wisdom should not always be inherited from generation to generation. It is a new form of wisdom in a community as the result of interaction among people.
and other cultures. Therefore, local wisdom is not always traditional since it can include today’s wisdom, and thus it can have broader meaning than that of traditional wisdom.

The concept of local wisdom is often used in character building and environmental management. Some writings have discussed about local wisdom related to Lake Toba tourism. Keliat (2020) wrote about the potentials of thinking about establishing Sitamiang Village, Oman Runggu Sub-district, Samosir Regency, as a local wisdom based-tourist village. Some other writers wrote about the influence of local wisdom on local economic development in the tourism area of Lake Toba, Parapat. There is the mean value of the variable of tangible wisdom which has bad category (the score is under 4) in Sipangan Bolon Sub-district, Simalungun Regency; it is the indicators of infrastructure condition tourism, culturally protected area, mythic condition, and lake/waters tourism. Intangible local wisdom also has bad category (the score is under 4) which is the indicators of honesty, gentleness, full of attention, negotiation, and courteousness (Siregar, 2018).

There is also a research on space structuring of the water’s edge by revitalizing the area through instilling some new functions which will be conceived through the analysis of characters, potency, and problems of area in Tano Ponggol Pangururan, Samosir Regency (Tri and Aulia, 2019). Besides that, there is a research which explores featured products of Tomok Village which is a local wisdom based village. Some other researches which have been written about the influence of local knowledge in the tourism area of Lake Toba: be a local wisdom based tour, and Lake Toba Tour (Widhijanto and Tisnaningtyas, 2018).

2.1 Lake Toba Tour

Lake Toba offers 3 (three) components as a tourist destination: lake natural tour, geopark tour, and local culture (Batak). Lake Toba as the KSPN (National Tourism Strategic Area) which covers 7 (seven) regencies surrounding Lake Toba; they are Toba Samosir, Samosir, Simalungun, Tapanuli Utara, Karo, Humbang Hasundutan, and Dairi. The development of tourism (attraction, amenity/comfort, and accessibility) becomes the parameter of the success in developing tourism in a certain area, including tourism area of Lake Toba (Widhijanto and Tisnaningtyas, 2018).

There are five (five) tour activities in the area of Lake Toba: beach tour, hill tour, wet rice field tour, grave tour, and adat house tour. These tour activities can be used as a model of structuring and guideline for local wisdom based-activities as the priority of Lake Toba tourism (Irson, et. al., 2020). Jaya (2019) analyzes the environment of the tourism area of Lake Toba as the basis for developing an alternative model of environmental management. The management of tourism in Lake Toba should be increased and developed in the environmental perspective and in the sustainable development.

In the last five years, however, there were only a few tourists who visited Lake Toba. Siregar, et. al. (2018) points out that accessibility is needed in developing tourism area of Lake Toba in Toba Samosir Regency. It must be an effort to provide and to increase the accessibility Besides that, Lumbaraja et. al. (2019) point out that the role of creative tourism and green tourism marketing in creating attractive tourism experience and tourist satisfaction are still low.
Sihombing, et. al. (2019) point out that people’s tourism awareness has positive and significant influence on the development of tourism in Tapanuli Regency. The government should carry out the program of increasing people’s tourism awareness. It is recommended that the government program in Developing Tourism Area of Lake Toba be supported in order to attract tourists to visit the area. This will have the impact on regional development through the increase in domestic income, people’s income, employment, and socialization of local culture, tourism location allotment in keeping cleanliness and environmental beauty, creating order, and security and comfort for various types of visitors who have different religion, races, and nationalities.

2.2 Social Capital and Lake Toba Tourism

Principally, social capital is concerned with social bond or cohesiveness. The central idea of social capital about social bond is that network is a very valuable asset – a basis for social cohesiveness since it encourages cooperative climate in order to get the benefit (Field, 2010). In reality, it uses correlation to work together to help people improve their lives (Putnam, 2000: 19; Woolcock, 1998 in Field, 2010). The social relations can be empowered as capital in order to get not only economic benefit but also social one (Usman, 2018). Syahra (2003) points out that social capital plays an important role in every aspect of development: politics, economy, human beings, and culture. This is because social capital emphasizes on the importance of maintaining good relationship and trust among people.

Revida, et. al. (2018) find positive and significant influence of Social Capital on the People’s Service Quality of Tourism in Lake Toba Parapat, North Sumatera. Social capital such as trust, norms, network, and people’s service quality of tourism such as tangibles, reliability, responsiveness, assurance, and empathy should be increased by providing communication, information, and education continuously from family, formal and informal institutions, public figures, religious leaders, and the people as a whole in Lake Toba Parapat, North Sumatera

2.3 Local Wisdom

Local wisdom is a philosophy of life, attitude, and guideline for behavior in helping people survive from various threats which will disturb them from natural disaster and the dynamics of life. Mungmachon (2012) points out that local wisdom will be able to give the solution of the problems faced by the people, especially environmental problems. Maturbongs, et. al. (2017) find some examples of local wisdom used to conserve environment such as awigawig local wisdom in North Lombok, oral tradition in Wakatobi, and cosmological Melayu tradition in order that the same thing can be implemented in other places in Lombok which is in accordance with the potency of local wisdom in every region in conserving environment. The values of local wisdom should be the regulation in itself or in accordance with the government’s policy on managing and protecting environment.

The research done by Harahap and Humaizi (2017) analyzes the existence of local wisdom owned by the Batak Toba community at Silalahi village I, Silalahi Sabungan Sub-district in preserving Lake Toba. It is found that the people at this village consider that Lake Toba is the source of life. It means that Lake Toba is the source of income, the source of livelihood such as fishing, the place for floating net cages, and the device for supporting tourism activities. The form of local wisdom in preserving the area of Lake Toba is the existence of sacred places such as Naulibasa and Batu Partonunan (Deang Namora) in which the whole area of Lake Toba, called Tao Silalahi, is controlled by Namboru Deang Namora. People are prohibited to spit, to wear ornaments, to do immoral acts, to bathe after 6 o’clock, to bring or to consume pork or dog meat, to bathe nakedly in the lake, and to roar with laughter or guffaw; a woman who wants to bathe in the lake has to tie her long hair, and everyone who wants to bathe in the lake has to ask permission from his nenek (oppung), the guard of the lake. This whole local wisdom has to be obeyed even though some people do not adhere to them. The effective way to revitalize the wisdom of the local people is by continuously do the Tugu Silahisabungan ritual or ceremony once a year and by always obey the advice given by the Raja Silahisabungan that is called, podsasagu-sagumarlangan

Collaboration is the keyword in developing the relation among the actors that are gathered in developing local wisdom based-tourism. This study attempts to describe and analyze pentahelix collaboration in the local wisdom based-tourism. Maturbongs and Lekatumpessy (2020) point out that local wisdom based-tourism with collaboration among the actors in a pentahelix model prioritizes all forms of uniqueness which grow and develop in the society and provides agricultural values which use materials and non-materials.

3. RESEARCH METHOD

This research used qualitative method. The variables analyzed in this research were the form and the function of local wisdom existed in the tourism area of Pusuk Buhit, Sianjur Mula-Mula Sub-district, Samosir Regency, North Sumatera Province, and their relations with the development of cultural tourism in Pusuk Buhit, Sianjur Mula-Mula Sub-district, Samosir Regency, and the tourists’ responses to the existence of local wisdom in the tourism area of Pusuk Buhit, Sianjur Mula-Mula Sub-district, Samosir Regency, North Sumatera Province. This research was conducted in the tourism area of Pusuk Buhit, Sianjur Mula-Mula Sub-district, Samosir Regency.

The research informants were the people who still had and practiced the rituals of local wisdom at Pusuk Buhit, Sianjur Mula-Mula Sub-district, Samosir Regency. They were the adat leaders, the people who understood the form and the function of local wisdom in
the tourism area of Pusuk Buhit, Sianjur Mula-Mula Sub-district, Samosir Regency, North Sumatera Province. They also understood the relation between local wisdom and the development of cultural tourism in the tourism area of Pusuk Buhit, Sianjur Mula-Mula Sub-district, Samosir Regency. The tourist was the one who makes tour for recreation.

The data were gathered by conducting interviews, in-depth interviews, and observation, using the guideline for interview with the local people, adat leaders, and the tourists who were in the tourism area of Pusuk Buhit, Sianjur Mula-Mula Sub-district, Samosir Regency, North Sumatera Province.

4. RESULT AND DISCUSSION

Sianjur Mula-Mula is a sub-district in Samosir Regency, North Sumatera Province, Indonesia. Its capital is situated at Ginolat Village. Sianjur Mula-mula is located in the main street which connects Doloksanggul with Sidikalang. The dominant clans in this area are Limbong and Sagala which are included in the Borbor clan.

Sianjur Mula-Mula can be categorized as the place of a historical site because this area contains a heritage such as buildings and other objects which have historical or archeological values. A site of archeological find is a place of the remaining activities of the olden days. These places are identified by the artifacts, the objects which are changed or modified by human beings, a certain kind of clay, the change in vegetation, irregular surfaces, and the like. It can be assumed that Sianjur Mula-mula sub-district has a lot of historical heritage which has not been documented and managed well; besides that, this area has long been settled by the local people. For example, Sagala Village and Limbong Village as the old residential areas become the proof that there have been the activities of the people up to the present time which can be observed. Therefore, it can be concluded that the local people might possibly damage the historical heritage, especially the people who lack of knowledge about the importance of the sites of archeological find. It is no wonder if many of them are damaged and neglected.

4.1 Form and Function of Local Wisdom in the Area of Pusuk Buhit, Sianjur Mula-Mula Sub-district, Samosir Regency

There are some factors of local wisdom which can be identified at Pusuk Buhit, Sianjur Mula-Mula Sub-district. Of the 38 identified types of local wisdom at Pusuk Buhit, Sianjur Mula-Mula Sub-district, nine of them are still preserved well, but the remaining 29 types of local wisdom are not. The story and the legend of all the 39 identified types of local wisdom in this area, according to the interviewed informants, are still believed by the people even though not all types of the local wisdom are remembered completely by the informants as what is described in Table 1 below:

Table 1. Identification of Local Wisdom in the Area of Pusuk Buhit, Sianjur Mula-Mula Sub-district, Samosir Regency

<table>
<thead>
<tr>
<th>No</th>
<th>Local Wisdom</th>
<th>Conserved</th>
<th>Believed</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Pusuk Buhit</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>2.</td>
<td>Batu Parrapotan</td>
<td>×</td>
<td>✓</td>
</tr>
<tr>
<td>3.</td>
<td>Raga - raga na Bolak, Raga-raga Sombaon</td>
<td>×</td>
<td>✓</td>
</tr>
<tr>
<td>4.</td>
<td>Batu Kursi</td>
<td>×</td>
<td>✓</td>
</tr>
<tr>
<td>5.</td>
<td>Batu Sopo</td>
<td>×</td>
<td>✓</td>
</tr>
<tr>
<td>6.</td>
<td>Batu Martanggatangga</td>
<td>×</td>
<td>✓</td>
</tr>
<tr>
<td>7.</td>
<td>Batu Anduhur</td>
<td>×</td>
<td>✓</td>
</tr>
<tr>
<td>8.</td>
<td>Batu Palangka</td>
<td>×</td>
<td>✓</td>
</tr>
<tr>
<td>9.</td>
<td>Siharbangan</td>
<td>×</td>
<td>✓</td>
</tr>
<tr>
<td>10.</td>
<td>Batu Parbiuson</td>
<td>×</td>
<td>✓</td>
</tr>
<tr>
<td>11.</td>
<td>Harangan Ruru-onan</td>
<td>×</td>
<td>✓</td>
</tr>
<tr>
<td>12.</td>
<td>Harangan Etek-etek</td>
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<td>✓</td>
</tr>
<tr>
<td>13.</td>
<td>Harangan Na Bolak</td>
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<td>✓</td>
</tr>
<tr>
<td>14.</td>
<td>Harangan Sihmononong</td>
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</tr>
<tr>
<td>15.</td>
<td>Harangan Ganjang</td>
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<td>✓</td>
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<tr>
<td>16.</td>
<td>Tujuh Siharbangan Pusuk Buhit</td>
<td>×</td>
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</tr>
<tr>
<td>17.</td>
<td>Batu Sondi</td>
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<tr>
<td>18.</td>
<td>Aek Baringin</td>
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<td>19.</td>
<td>Aek Batu sawan</td>
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<td>20.</td>
<td>Tala Tala</td>
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<td>✓</td>
</tr>
<tr>
<td>21.</td>
<td>Batu Hobon</td>
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<td>✓</td>
</tr>
<tr>
<td>22.</td>
<td>Batu Gordang</td>
<td>×</td>
<td>✓</td>
</tr>
<tr>
<td>23.</td>
<td>Batu Simarlage-lage</td>
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<td>✓</td>
</tr>
<tr>
<td>24.</td>
<td>Batu Gaja</td>
<td>×</td>
<td>✓</td>
</tr>
<tr>
<td>25.</td>
<td>Batu SiparimbuluBosi</td>
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<td>✓</td>
</tr>
<tr>
<td>26.</td>
<td>Batu Raja Isumbaon</td>
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<td>✓</td>
</tr>
<tr>
<td>27.</td>
<td>Batu Nanggarjati</td>
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<td>✓</td>
</tr>
<tr>
<td>28.</td>
<td>Parik Sabungan</td>
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<td>✓</td>
</tr>
<tr>
<td>29.</td>
<td>Batu Rumabolon</td>
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</tr>
<tr>
<td>30.</td>
<td>Batu Parhusipansibatupeme</td>
<td>×</td>
<td>✓</td>
</tr>
<tr>
<td>31.</td>
<td>Tulas dan Uluni Sinabung</td>
<td>×</td>
<td>✓</td>
</tr>
<tr>
<td>32.</td>
<td>Batu Siungkappon</td>
<td>×</td>
<td>✓</td>
</tr>
<tr>
<td>33.</td>
<td>Mual Sipultak Mata Niari</td>
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<td>✓</td>
</tr>
<tr>
<td>34.</td>
<td>Sijambur dan Jabu Hela</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>35.</td>
<td>Mual Pongki Gading</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>36.</td>
<td>Mual Pansur Napitu</td>
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<td>✓</td>
</tr>
<tr>
<td>37.</td>
<td>Mual Sipangolu</td>
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<td>✓</td>
</tr>
<tr>
<td>38.</td>
<td>Aek Sitopangi</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>

Source: Result of Field Research
Local wisdom in the area of Pusuk Buhit can be classified based on its form:

1. The Form of Hill and Village

Pusuk Buhit. Pusuk Buhit is called by the local people as a big and grand hill (doloknabadia, doloknabalon), the place for the Batakinese to pray (martonggo, martangi). According to the Batak community, Pusuk Buhit is the origin of the Batakinese, belief (religion), cultural art, and adat (custom); it is also Gunung Suci (Sacred Mount) for the Batakinese.

Huta Parik Sabungan. It is the village of the early Siraja Batak. It is located at Sari Murrhit Village, Sianjur Mula-mula Sub-district, which is identified by 3 (three) Batu Sabungan. The three of them are the symbol of the three gods (Batara Guru, Bala Sori, and Mangalabulan) and the symbol of three continents (Upper Continent, Middle Continent, and Lower Continent). Many legends about Guru Tetea Bulan come from this village.

Sijambur Mula and Jabu Hela. Sijambur Mula is a village cluster in the upper part of warm water tourism object (Aek Rangat) today, Siogung-Oung Village, Pangururan Sub-district. Sijambur is the early village of Raja Isumbaon, the second child of Siraja Batak, after he had received the Book of Pustaha Teumbung Holing and Ompu Mula Jadi Na Bolon. Jabu Hela is a village in the form of a hill at Sijambur Nabolak, Tanjung Bungu, Pangururan. Since the house is given by Ompu Teteabulan to his son-in-law, it is called Jabu Hela. It is also known as the place of the descendants of Sorimangaraa worshipping idols (panjaut-jaat).

Pulau Tulas and Uluni Sinabung. Pulau Tulas is an island in Lake Toba, and Siboro Sianjur Mula-Mula Village is located on this island. In the old days, the owner of Pusuk Buhit used to be in conflict with the owner of Gunung Sinabung. In their fighting, the throat of Pusuk Buhit was cut off and fell into the lake and became Pulau Tulas. Tulas in the Batakinese language means deceitful, insincere, and rebellious; therefore, Pulau Tulas becomes the warning for the next generation to be sincere and not to rebel.

Local wisdom can be in the form of village which can be the village of human beings and the village of the supernatural beings. Some researches on the existence of villages as local wisdom occurred to be in accordance with the nature and not damage it and maintaining its cultural identity (Wiradimadja, A., et. al., 2018; Hermawan, I., 2014), in order to hold tightly the tradition inherited from their ancestors (Zuhri, M. & Tajudin & Ani Maliani, 2021). Besides that, there is also a village which used as the disaster mitigation. Asari Dan R and Hendriawan N (2016) point out that the content of the values of local wisdom found in Naga Village concerning disaster mitigation based-environmental management such as 1) the values of discipline and honesty, 2) the value of religion, 3) the value of obedience, 4) the values of the sense of togetherness and cooperation, and 5) the values of simplicity, hospitality, and independency.

2. The Form of Stone or Rock

Batu Parrapotan. Batu Parrapotan is the stone of Si Raja Batak’s ancestor used to make a decision or to discuss about the development of the huta (village). It is located in the area of Pancak (peak) of Huta Ginjang. It is the place of the fourth halt in the ritual of climbing up of Si Raja Batak. The ompu (grandfather) of Si Raja Batak stops here and prays for all inhabitants of Pusuk Buhit who often hold meetings in this place. This rock is known as the place of Dewa yang Tiga (the three gods) who held meetings discussing about the destiny of the souls of the deceased, especially the deceased that have passed to the heaven through the Peak of Pusuk Buhit.

Batu Kursi. Batu kursi (literally, chair stone) at Huta Ginjang of Pusuk Buhit which is believed to be the rest area of the Ompu Namartua Pusuk Buhit. However, some informants say that this place is believed to be the chair of Guru Teteabulan. Many people come to visit Batu Kursi because of their dreams.

Batu Sopo. Batu Sopo is considered as the place of begu (ghost), lelembut (trouble-making invisible spirit), and siluman (invisible forest elves). The stone is in the form of a sopu (house), but some people say that it is the place for storing offerings of Sirompur to be offered to Ompu Namartua Pusuk Buhit. Besides that, it is also said that Batu Sopo is the halting place of Ompu Mulajadi Na Bolon when he descends from Banua Ginjang to Sianjur Mula-Mula.

Batu Martanggatanga. Batu martangga-tangga is located at Parik Sabungan Village, Sianjur Mula-Mula Sub-district. Some people say that it is located at Sitao-tao area, the place where Raja Odap-Odap walks from the area of Pusuk Buhit. According to folklore, Batu Sitangga-tangga is the steps of a ladder for Ompu Mula Jadi Na Bolon when he descends from Puncak Pusuk Buhit.

Batu Anduhur. Some people also call it the stone of truth owned by habonaran nihuta or the god of truth from a Batakinese village. It is located at Aek Baringin, Aek Sipitu Dai. It is the sitting/resting place of Ompu Namartua from where he can look at Sianjur Mula-Mula below.

Batu Palangka. It is a big rock located at Aek Baringin, Sipitu Dai. This rock is the place where Sorimpur pigs eat and lick their food. It is concave so that it is used to forge piso (knife) or podang (sword). Batu Palangka is also batu godang (big rock) at Pusuk Buhit.

Batu Siharbang. Batu siharbang is located at Aek Sipita Dai in the form of stone wall. It is the location of the gate for the guard of Mount Pusuk Buhit. It is also called batu pusuk buhit guarded by habiat (tiger). It is a stone gate which will firstly found when we visit Pusuk Buhit from Limbong.

Batu Parbiusan. Batu parbiusan is located at Aek Sipita Dai in the form of one on top of the other stone. It is the place of the punguan (togetherness) of clans from some villages or the place where bius (community) of adat negotiates. Some people say that batu parbiusan is the place where offering of the bull head and other offerings are offered to Ompu Mula Jadi Na Bolon for the ritual to
worship. This stone has been moved several times due to the migration. The last time it is located in the people’s coffee plantation so that it is neglected.

**Batu Sondi.** *Batu sendi* or *liang sakti* is a stone cave at Parik Sabungan, Sarimarihit Village, Sijaur Mula-Mula Sub-district. *Sondi* means bed; it is located on savan stone, the hiding place of Raja Biak-Biak or Raja Uti. Some people say that sendi is storage. *Batu sendi* or *liang sakti* is the place where Ompu Raja Uti is isolated by his parents in order to avoid being insulted by his little brothers because when he is born he has round body, does not have any bones and legs so that he is considered queer by his brothers.

**Batu Hobon.** *Batu hobon* is located in Sianjur Mula-Mula. It is the place where Saribu Raja keeps his heirlooms. *Hobon* means trunk made of stone. The heirlooms kept in the *batu hobon* are bukulak-lak, a set of musical instruments (gongs), knives, magical barriers, medicines, and *batu gosok emas* (gold rubbing stones).

**Batu Gordang.** *Batu gordang* is located at Aek Sipitu Dai Village, Sianjur Mula-Mula Sub-district. According to the folklore, this rock cannot be moved from its place. When it is moved to another place, *bata gordang* will come back to its former location, in the *pintu sona*, *Batu gordang* is used as the place of *sibaksa*. *Biaksa* is a human being that is cut up, burned, and his oil is taken. It is called *bata gordang* because it can become *gendang* (kettledrum) for a musician like Ompu Namartua Pusuk Buhit.

**Batu Simarlage – lage.** *Batu simarlage-lage* is located at Si Pitu Dai Village, Sianjur Mula-Mula Sub-district. It is a big rock which has flat surface like a floor made of stone (*lage*) as a place for sitting (*parhundul-hundulan*). It is said that this rock is the sitting place of Ompu Namartua Pusuk Buhit while he is listening to kettledrum ritual in Sianjur Mula-Mula.

**Batu Gaja.** *Batu gaja* looks like the form of an elephant located on the peak of Huta Ginjang, Sianjur Mula-Mula Sub-district. It is a stone-tablet for remembering the aide, an elephant, of Ompu Guru Tetebulan and Ompu Si Boru Sakti. This elephant has supernatural power which can make the earth shake when it swings and tread on the earth. Therefore, elephant is considered sacred by the Batakne.

**Batu Siparimbulu Bosi.** *Batu siparimbulu Bosi* is located at Tala, Huta Ginjang Village, Sianjur Mula-Mula Sub-district. *Siparimbulu Bosi* is Dewata Asi-Asi who guard Gerbang Pusuk Buhit (Pusuk Buhit Gate). *Batu siparimbulu Bosi* has the form of two animals: elephant and horse as the riddenn animals of the guard of Pusuk Buhit Gate.

**Batu Raja Isumbaon.** *Batu Raja Isumbaon* is a round rock on the Peak of Huta Ginjang, *siogung-ogung tanjung bunga*. It has been the mark of Raja Isumbaon. It is the place where people get water which is believed to be able to heal various illnesses. This rock is considered as the realization of Ompu Raja Isumbaon. It also becomes the departure stone of Ompu Rajja Uti from Pusuk Buhit and becomes the arrival place at Pusuk Buhit after returning from a journey.

**Batu Nanggarjati.** *Batu nanggarjati* is located on another rock at Siarsam Sari Marihit, Sianjur Mula-Mula. It is a big, flat rock on the top of a hill, on Batu Hobon. In the Batakne myth, it is a very important place which is called a portal, the road to the upper world (*banauninjung*). *Batu nanggarjati* is the place where Tuan Saribu Raja forges various tools and equipment made of iron/metal such as gongs and sharp weapons.

**Batu Ruma Bolon.** *Batu Ruma Bolon* is located at Sarimarihit Village, Sianjur Mula-Mula Sub-district. It is close to Batu Martangga-tangga. Batu Sopo in the west weist of Pusuk Buhit, above Aek Baringin and Parik Sabungan. *Batu Ruma Bolon* is one of the big rocks in the form of Batak big house (*Ruma Bolon*), complete with its walls, pillars, and stone roofs. It is believed to be the stopping place of Ompu Mulajadi Na Bolon when he descends from Peak of Pusuk Buhit to Siangjur Mula-Mula and returns to Pusuk Buhit.

**Batu Parhusipan Sibatu Pareme.** *Batu Parhusipan* is some rocks which are gathered in one place at Sarimarihit Limbong Village, Sianjur Mula-Mula Sub-district. This rock is the place where Tuan Saribu Raja and Siboru Pareme establish their love (*marhusip*). Saribu Raja is close to Siboru Pareme, his younger sister (*itot*). Since it is a deviating act and immoral, an incest between brother and sister, it is really a deviating behavior. The story of incest is told to people, and the conclusion is that Siraja Lontung and his descendants are illegitimate, Parik Sabungan.

**Batu Siungkap-ungkapon.** *Batu Siungkap-ungkapon* is located close to Tano Ponggol. It is a rock installed by Raja Isumbaon to cover a very deep hole which is called, *Lubang Naga Padoha* (Naga Padoh Hole). This hole is sulfur flashes mixed with hot water from underground because Mount Pusuk Buhit is an active volcano. This hole is also functioned as a road and a portal toward the under world.

There are about 18 stone sites as a local wisdom location which can be identified. Basri, et. al. (2020) in their research point out that stone sites can be used as the source of learning history, such as *Batu Berak Site* which has historical values. It can be used as the optimization in learning Indonesian history, especially in the pre-alphabetical symbol era by recognizing more the stone age culture. A research conducted by Rusyanti, R (2021) shows that there is the similarity in the stone characteristics in the traditional houses at Liwa, Kenali, and Canggu with stone artifacts found in the sites of archeological find at DAS Way Semangka. The rocks are assumed as the remaining umpok or foundation stone of Lampung traditional building structure made with traditional construction technique, *kalindang*, earthquake-resistant. *Umpaak* stone made from tuff and pumice is unique because it is light, easily molded, and has superiority as light concrete materials. The use of tuff and pumice as *umpak* construction is the proof that local wisdom is still preserved in West Lampung.

3. The Form of Altar

**Raga Raganabolak or Ragarakaga Sombaon.** Wide altar (*Raga raganabolak*) is an altar to do worship (*pemelean*)
or to offer offerings and to pray. Raga-raga Nabolak (wide altar) or Raga-rago Sombaon (Altar for praying) is the highest peak since there are three peaks of Mount Pusuk Buhit:

1. The peak on Sigulant is the peak of the oldest child of Si Raja Batak, Guru Teteabulan;
2. The peak on Sijambur Mula is the peak of the second child of Si Raja Batak, Raja Isambaon; and
3. The highest peak is the peak of Dewata Na Tolu and Ompu Mula Jadi Na Bolon, the most sacred and holiest peak for the Batakinese.

4. The Form of Forest

Harangan Ruru Onan. Harangan is a forest in Batakinese local language. Harangan Ruru Onan is located at Si Boho, Sianjur Mula-Mula Sub-district. This forest is the place of Si Raja Na Bimbihan, one of the persons who is selected to inherit the supernatural power of Ompu Raja Uti. Harangan Ruru Onan is a small forest where some types of tree grow in cluster in it.

Harangan Eteketek. Eteketek means small in the Batakinese local language so that harangan eteketek is translated to small forest where various types of tree grow. This forest is the rest place of Ompu Parimbulu Bosi. He will look at the land of Sumatera from this place. This forest is dwelled by begu (ghost), lelembat (trouble-making invisible spirit), and siluman (invisible forest elves). The siluman can behave negatively and positively, depended on who comes to this place.

Harangan Nabolak. Harangan Na Bolak is located at Huta Ginjag, Sianjur Mula-Mula Sub-district. The forest is the sacred limitation among villages (huta) in Sianjur Mula-Mula Sub-district with the sacred area in the area of the Peak of Pusuk Buhit which becomes the place of Parbanua Na Ginjag. Nabolak means wide so that Harangan Na Bolak is dwelled by siluman and lelembat.

Harangan Sihumonong. Harangan (forest) Sihumonong is located on the peak of Mount Pusuk Buhit. It is a forest before the peak of Puncak Pusuk Buhit from Hutaginjang. Even though this forest is not very wide, many people get lost in it because a modest person who can be safe getting out from this forest without getting any problem. This forest is the cave (liang) of Raja Uti, liang of Raja Batak. This cave is the place where they can get rest or a shelter.

Harangan Na Ganjang. Harangan (forest) Na Ganjang is located at Sipiso-piso. It is a dense forest, full of various types of tree, starting from Sigulant until toward Aek Sitapangi. It used to be very terrifying because it is dwelled by wild animals such as tigers, but since it has been burned down, there are only some trees left in the Harangan Na Ganjang as the remnants, due to the aid of nature. In accordance with Harangan Sihumonong, this forest is full of the invisible spirits which are worshipped by the Batakinese. This forest is neglected and abandoned.

In the study of local wisdom, forest is usually related to the effort to preserve it, as it is made by Salosa, et. al., (2014) who point out that a forest plays very important role in the people’s lives, especially in applying accurate strategies to conserve the forest and to accommodate the people’s interest so that it is expected that it is based on people’s wisdom in using the forest. The same is true to the research done by Sarkawi (2010) which states that the Kajang people are successful in maintaining their forest due to “local wisdom” which is called, pasang. Pasang is the value which contains message, advice, guideline, or the required way of life in order to achieve happiness in the world and in the afterlife.

People believe that the balance of the world created by “Turie ‘A ‘ra ‘na” should be maintained. The whole system of nature conservation in Tanah Kajang is related to the local people’s point of view on nature. They believe that in nature there is a mysterious power; if it is not handled well, it will cause calamity. Openg (2015), in his research, shows that Oel Taekas Mamar is one of the types of the ecological wisdom of the adat community of Atoin Meto that has important resources of betel nuts which have economic value, water infiltration area, spiritual center, and social integration center. The people conserve forest and natural water springs through the adat and myth of Nais Tala. The mythology which exists in the adat society states that stones and wood in the sacred forest are the incarnation of the ancestors. The adat community of Atoin Meto in Femnasi realizes that human beings need to have harmonious relationship with forest area so that there will be a reciprocal harmony.

5. The Form of Water Spring

Tujuh Siharbangan Pusuk Buhit. It is located beside Batu siharbangan as the name and the mark of an area. The seven water springs (siharbangan) are Siharbangan at Sipitu Dai (AekSiPitu Dai water spring), Siharbangan at Boho Village (Aek Sibaringin water spring), Siharbangan at Tanjung Bunga Village (akparausang water spring), Siharbangan at Si Oung-ogung (Batu Gaja) (Aek Sipultak Matanatri water spring), Siharbangan at Tulas (Aek Bona-bona water spring), Siharbangan at Lumbar Parit Village (Aek Manggajaa water spring), and Siharbangan at Sigulant (Bintatar water spring).

Aek Baringin. Aek Baringin is located at Aek Siptu Dai, Sianjur Mula-Mula Sub-district. It is a water spring emerging from the roots of banyan tree. The water emerges from the pile of big stones assembled in that place and forms round ditches. Many trees grow on the stones so that their roots bind the stones and the roots tightly. Its location is cultivated by the local people who make it a coffee smallholder.

Aek Batu Sawan. Batu Sawan is located in the western part of Mount Pusuk Buhit at Parik Sabungan, Sarimarihiti Village, Sianjur Mula-Mula Sub-district. It is in the form of a cup which functions as the bathing place of Raja Biak-Biak or Raja Uti in the hope that he will have a priame body as other normal human beings. Aek Batu Sawan is believed to have a supernatural power to handle kesurupan (animated and dominated by an evil spirit), the place to ask for offspring and good income, getting passed in examinations, and recovery from illness.
Tala tala. Tala-tala, in the form of small basin, is located in the area of Huta Ginjang. Sianjur Mula-Mula Sub-district. It is situated in front of Batu Parrapaton. Its water is believed to be able to cure (tawar) from Siraja Batak; it can be medicine (tawar) and make someone have supernatural power. However, it is now dry up; there are some holes in it because people want to get its water and because they also want to get dirt from it.

Mual Sipultak Mata Niari. Mual Sipultak Mata Niari is a water spring, located at Sijambar Nabolak, Tanjung Bunga, Pangururan. It is one of the water springs located in the corner (suhi) of Sianjur Mula-Mula. Therefore, this water spring used to be used as the border line between two villages. It is located in the eastern part of Pusuk Buhit and owned by Raja Isumbaon. Even though the water spring has been dried up and forgotten, it can be identified as one of the Batak historical benchmarks since it is mentioned in the Bataknes myth. The water spring is functioned as the device to separate the sun rises (perhabissaran) and the sun sets (perhasuddutan), between the descendants of Guru Teteblulan and the descendants of Isumbaon.

Mual Pongki Gading. The water spring Si Pongki Gading excretes water from a trunk of wood in Sagala.

Mual Pansur Napitu. Mual Pansur Na Pitu is also called Pansur jabi-Jabi Si Pitu Dai. Its water spring is at Limbong. It has 7 (seven) water springs coming out from the roots of jabi-jabi tree. The water spring of Pansur Napitu is quite unique because the water comes out from seven fountains which are believed to have different tastes.

Mual Sipangolu. Mual Sipangolu is also called Aek Sipaulak Hosa and similar to Aek Bintatar in Sagala today. The water spring is located in the valley on the foot of a hill. It used to be the source of water of Siboru Pareme (Puteri Guru Teteblulan) after they moved to a new village in Sagala. This water spring is regarded as blessing and refreshing water. It is believed to be the source of life. There is a Bintatar tree growing on it so that it is also called Aek Bintatar.

Aek Sitapangi. Aek Sitapangi is a reservoir in the area of the Peak at Huta Ginjang. It is known as Lintong Simajo-ajo, a reservoir full of oma-oma. It is the place of the fifth rest area since it is the bathing place of the gods’ children. According to the myth, this reservoir was created by Ompu Mulajadi Na Bolon as the bathing place and self-purging (paranggiran).

In accordance with the explanation above, the research conducted by Sumarmi (2015) indicates that the local wisdom of Osing community in managing their water resources includes knowledge, values, morality, ethics, and norms which are applied in the form of suggestions, rules and sanctions, and the words of wisdom as the guidelines for them to behave and to act in maintaining and conserving water spring of Mbah Buyut Citi. In order to keep the discharge constant, they protect trees and plants in the spring time (belik), either belik lanang or wadon belik. In maintaining this local culture, the old generation bequeathed values, morality, ethics, and norms, including the Islamic norms (most of them are Moslems) as the guideline about how to behave and to act in accomplishing their tradition and instinct in order to pay homage to their families, neighbors, relatives, and descendants. Messakh, et. al (2015) point out that even though the water source potentially exists, it is difficult to get drinking water. In order to solve this problem, the paradigm of managing water resources for the need of multi-sectors should be adjusted to the specification of a certain semi-arid region by prioritizing the need for drinking water. The potency of rainfall should be optimized as standard water source through the construction of reservoir, other facilities of rain water receptacle, and conservation. Retrenchment of using water should be in accordance with the need and local wisdom, and regulation on priority of service area for the system of water piping are the other strategies which can be done. The use of ground water as the main water source should be controlled by considering environmental supporting power.

Tourism development at Pusut Buhit is not only concerned with enjoying the beautiful panorama of Lake Toba but also concerned with religious and historical tours with the whole local wisdom surrounding Pusuk Buhit. The result of interviews with the tourists who visited Pusuk Buhit showed that most of the tourists suggested that they need guides who were able to convey religious and historical values of local wisdom at Pusuk Buhit. Every local wisdom surrounding Pusuk Buhit should have guides who were able to tell and know the origin of the places they were visiting. However, the tour guides in Pusuk Buhit only accompany the tourists to the tourism objects without giving any explanation. The tourists also suggest that manuals be provided for them by the government for being used as education and also cultural preservation and stories from generation to generation. Moreover, understanding about local wisdom of tourism objects in Sianjur Mula-Mula is different in each speaker in the location of social wisdom. Local wisdom literacy in Sianjur Mula-Mula Pusuk Buhit tell much about legends from religious point of view.

From the interview with the tourists, it was found that tourism development should be followed by the creativity of the local people surrounding a tourism object and by the transparency in retribution income. The result of observation and interview showed that there was no creativity of the local people and the transparency in retribution. Improvement in the location of local wisdom can be done without changing the form or adding something which can disturb the local wisdom at a tourism object. The local people should be understood and given socialization to maintain security and order in the tourism object. Continuous active facility or institution which is functioned to trigger and encourage the guarding and securing local wisdom should be needed.

Most of the local wisdom surrounding Sianjur Mula-Mula visited by the tourists who make religious tours and who come from the outside Samosir is about pilgrimage destination. They visit the tourism objects in order to look at the heritage from their ancestors. They pray for their
health and prosperity, for their recovery from illnesses, and for being avoided from danger. Very few tourists come to see or are interested in mystical stories and sacred local wisdom. Excluded from the pilgrims, very few tourists visit the area of Pusuk Buhit because most of them do not know the existence of local wisdom in the area of Pusuk Buhit. Even though they know it, they are reluctant to visit it. The problem is that it is difficult for them to get the access to the tourism object since it is far from their hotels, they need extra energy to reach Pusuk Buhit, there is no special transportation to carry them to the local wisdom location, very little information available about the local wisdom, lack of service in the area of local wisdom, there is no facility for them to take a rest, lack of toilets and bath-rooms, and lack of restaurants or food stands. Besides that, the sanitation and hygienic condition of some places of water sources in the local wisdom areas are very bad such as a lot of rubbish everywhere. It means that the existence of local wisdom location in the area of Pusuk Buhit does not encourage tourists to visit since most of them visit the local wisdom location in the area of Pusuk Buhit are pilgrims (religious tours).

Based on the result of observation, it was found that it is rarely found a person who understands and knows much about the legends, the stories of local wisdom in Samosir, especially in Pusuk Buhit, Sianjur Mula-Mula Sub-district. This is because the lack of literature or reading materials about the local wisdom. The stories about it are also not clear enough since there are many versions about it today. Besides that, the stories or legends are not transmitted to the young generation and there is no subject concerning it in schools. The parents know these stories and the legends not from their parents but from inspiration through dreams or omen created by their ancestors. Some people even say that they get the omen from their ancestors so that the stories become uncertain and unreliable.

Some pilgrims who come from the outside Samosir also have their own versions; therefore, some of them violate the adat (custom) when they pray (martonggo) in the local wisdom location. Some pilgrim or tourists build their own monuments and perform queer rituals excluded from the stories believed by the local people.

Tourists from the outside Batak Toba also visit Pusuk Buhit and perform their own rituals in the local wisdom location at Pusuk Buhit, Sianjur Mula-Mula. Some Chinese also come to the local wisdom location by bringing incense, fruit, etc., while they perform their rituals and pray in some places of the local wisdom. The local people frequently find some fruit and incense which is still burning. There are also the Javanese who come to the local wisdom in Sianjur Mula-Mula, bringing flowers, betel leaves, incense, and roosters, and they bathe, too.

The followers of the Belief in Parmalim often perform rituals in the local wisdom location. This is not contrary to the local people who are the followers of Christianity. The same is true to the followers of the Belief in Parbaringin who consider that the local wisdom is the objects from their debata (god) which should be guarded and maintained. Parbaringin is not the same as the sects in Christianity which we know today. Its followers do not have unity; they do their rituals individually or with their own families, and they also do not have any priests. Their activities are based on what they get from their ancestors through dreams (inspiration).

5. CONCLUSION

1. Of the 38 types of local wisdom identified in the Area of Pusuk Buhit, Sianjur Mula-Mula Sub-district, only 9 (nine) of them are maintained well while the remaining 29 of them are not. The stories and the legends of the identified local wisdom are still believed.

2. The types of Local wisdom identified at Pusuk Buhit, Sianjur Mula-Mula, can be classified into 5 (five) forms: the form of Hill and Village, the form of Stone or Rock, the form of Altar, the form of Forest, and the form of Water Spring

3. Most of the tourists who visit the local wisdom location in the area of Pusuk Buhit, Sianjur Mula-Mula Sub-district, do religious tour; they come to perform their pilgrimage to the local wisdom location.

4. Stories about the local wisdom are not uniform, and they are usually interpreted by the speakers differently, based on their own religion.

5. Why tourists generally are reluctant to visit the local wisdom location is because of lack of transportation to the location, the location is far from the hotels where the tourists stay, there is no inn or motel in the local wisdom location, tourists need extra energy to reach the area of Pusuk Buhit, lack of information about the existence of the local wisdom, lack of service in the local wisdom location, lack of facility for the tourists to relax, lack of toilets/bath rooms, lack of restaurants or food stands, and sanitation and hygienic condition in the local wisdom location are very bad.

6. The existence of local wisdom in the area of Pusuk Buhit does not encourage tourists to visit it.

6. SUGGESTIONS

1. Socialization about the existence of local wisdom location in the area of Pusuk Buhit, Sianjur Mula-Mula Sub-district, needs to be socialized, and the transportation access to the local wisdom location should be improved;

2. Training for the speakers of local wisdom stories is needed so that they will be uniformed and not be interpreted differently;

3. Prime service is highly needed by expressing hospitality of the local people and tour guides toward tourists by providing food stands with halal food, along with its price lists, providing
clean and hygienic toilets, and the water springs are free from rubbish.

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