The Recognition of Fragrant Plant Characteristic in Enhancing the Place Image for Royal Town of Kuala Kangsar, Perak

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Abstract
In Malay art, a flower or Bunga expressed about the beauties and aesthetics. At the same time, the fragrant plant belief to be a representative of paradise, which have a pleasant fragrance. It is observed that the used of aromatic plants has been a practices in Perak's royal ceremonies. This paper aims to identify the qualitative response on the recognition of the fragrant plant to support the reinforcement of place image of Kuala Kangsar as Royal Town of Perak. The results reveal that Lotus (Nelumbo), Melur (Jasminum), and Tanjong (Mimusops elengi) are mostly associated with Royal Town Kuala Kangsar, Perak. (100 words max.)

Keywords: Fragrant plant; Place Image, Royal Town

1.0 Introduction
In Malaysia, there are several royal towns such as Bandar Maharani (Johor), Seri Menanti (Negeri Sembilan), Klang (Selangor), Arau (Perlis), Anak Bukit (Kedah), Pekan (Pahang) and especially Kuala Kangsar (Perak). According to Kuala Kangsar Municipal Council (MPKK), the Royal Town of Kuala Kangsar almost battered by the uncontrolled urban development and modernity (Harun, Faiduz, & Nordin, 2015). However, over the years, there has not been much tourism development in Kuala Kangsar because of the limitation of space and elimination of the boundaries to keep Royal Town Kuala Kangsar as a tourist attraction (Ramli, 2015). Furthermore, based on direct observation, it is due to the lack of uniformity development, no continuity of streetscape elements from the main road to the town, and entrance to Iskandariah Palace of the Royal Town. Previous research also found that the uniqueness of royal tourism of Kuala Kangsar is essential as it visualized and portrayed the value of the royal cultural heritage and the existence of the monetary institutions (Othman, Illani, Razak, & Ishak, 2014). The plant is one of the elements of cultural heritage for a place. The fragrant plant is a belief to be a representative of paradise, which is said to have a pleasant fragrance (Kamil & Yunus, 2015). It is noticed that the used of aromatic plants has been a practice in some of Perak’s royal ceremonies, such as 'meminang,' 'belimau' bath, 'bernikah,' and 'bertindik' (Jelani.H., 2011; Tung.A., 1999). Hence the fragrant plants could be an image representing the Royal Town of Kuala Kangsar, Perak. At the same time, it is observed that the image of the royal town almost decaying because of urbanization. The rapid globalization is known as a significant cause that hit the place image of the Royal Towns around the world. This issues is not only matter in the local context but...
also around the world such as; 1) Royal Town Sutton Coldfield in the United Kingdom (Sutton Coldfield Civic Society, 2015); 2) Shenyang Imperial Palace in Beijing imperial deteriorated by the undergoes massive urban environment transformation (Cheng & Kuo, 2015); 3) Royal Palace of Angkor Thom in Cambodia faded due to the fluctuations of a tropical climate have primarily eras the residences, as well as 4) Bayon Temple, ruined after the construction of the royal capital (Chandler & Polkinghorne, 2017); (Ichita et al., 2016) and 5) Petropolis Imperial City in Brazil which changed to adapt the new uses, growth, and structures (Silva, 2016). Hence, this paper aims to identify the qualitative response on the recognition of fragrant plants to support the reinforcement of place image of Kuala Kangsar as Royal Town of Perak with the objective to study the fragrant plant's characteristics that could be used as a place image of this Royal town.

2.0 Literature Review
Place identity is referring to the contribution of place to one's identity through the meanings and values symbolized by place features. It is generally used to describe and interprets a subjective feeling and relationship between the environmental character as well as the people's perceptions about the cultural and physical environment (Twigger-Ross et al., 2003). Moreover, theories explaining place identity are varied. Lynch (1981) defines place identity as the extent to which a person can realize or remind of a place as being distinct from other sites. Therefore, it established the bonds between an individual and the area in the context of perception and cognitive representation of a place (Brown, Perkins, & Brown, 2003; Rollero & De Piccoli, 2010). While, Contrell (2010) assumes place identity and experience are examined through the notion of landscape, which the character is natural, built, and time. Previous research has shown that there is increasing interest in emphasizing the perception, and places are not new (Giuliani & Feldman, 1993). Prior studies stated that the emotional bonding as place rootedness (Tuin, 1980); sense of place (Farnum, Hall, & Kruger, 2005); place dependence (Stokols & Shumaker, 1981), place bonding (Hammit, Kyle, & Oh, 2009) and place attachment (Williams & Vaske, 2003). Place identity in the context of this study refers to the meaning and values of place features to one's identity. In other words, it used to portray a personal feeling of identification of community living based on the physical, emotional, and behavioral characteristics in the Royal Town of Kuala Kangsar (Giuliani & Feldman, 1993; Ujang, 2012). In this study, place identity stage through the visual element, which symbolized the cultural associate to the people live that can portray the unity of the Royal Town character. The distinctiveness, continuity, recognition, self-esteem, self-efficacy (Breakwell, 1986; Ginting & V. Rahman, 2016) and aesthetic are five characters that visualized through the fragrant plant to enhancing place identity.

2.1 Significant Used of Fragrant Plants in the Malay Way of Life
Plants are significant indicators that contribute to an aesthetic-visual quality, which manifested the human-nature relationship over time. (Krontert, Steinhardt, & Volks, 2001). There are several pieces of evidence found that the reward of good deeds according to the holy Quran is a place of shaded trees, flowing water, gardens with sweet fruits, and fragrant flower (Kamil & Yunos, 2015). For instance, Mohd Hussain, Hassan, & Mt Akhir (2016) found that the practice of appreciating flower fragrance could be a representative of paradise, which is also said to have a pleasant fragrance. It is further elaborated by Hafizah et al. (2014), who describe 'heaven' as a symbol of an area that includes a space advantage, where there are plants, flowers, fruits, and also the animals. Fragrant flowers noted as one of the elements mentioned in the Holy Quran as an adornment in heaven to emphasize its heavenly characteristic. Some studies found that fragrant plants are mostly used and adopted in the traditional Malay landscape to portray Islamic concepts and elements. (ibid). Moreover, Harun, Mohd Ariffin, & Abdullah (2017) found that diverse species of plants are related to everyday activities in a traditional Malay house. Whereby, Ramle, Shuaib, Abdullah, & Mat Rasat (2014) states that the type of plants growing in the Malay village has specific functions that are beneficial in the Malay daily life such as fruit trees, herbs, or medicines.

Several old Malay manuscript studies found that plants grouped into four main categories based on their functions and values. Prior studies of fragrant plants have found through establishing the Malay Traditional landscape together with the Islamic garden concept for future considerations (Hussain et al., 2016). These plants planted in the front yard of traditional Malay houses to provide a sense of welcome to the guests as well as to accentuate the appearance of the house (Zakaria, Salleh, & Rashid, 2014). Moreover, the local people appreciated both beautiful and fragrant flower plants such as Kenanga, Kesidang, and Jasmin (Zakaria et al., 2014); Rose (Fatos 2011); and Cempaka, Tanjong, Lotus (Hafizah et al., 2014); and Kemuning Cina (Salleh, Rashid, & Sakip, 2016); and Bayam, and Crataeva Hussin et al. (2012). Admittedly, fragrant flowers also used in Malay traditional medicinal practices such as for flower bathing ceremonies except for Nerjas, Tanjung, and Kemboja (Mustafa, Mohd & Sarbini-zin, 2014). The beautiful Hibiscus rosa Sinensis flower is one of the ingredients in traditional medicine to remove wind and reduce headaches. Due to its flashy colors, sweet fragrances, and beautiful shapes, they generally used in the "Istiadat Berlimau" and "Mandi Sampat" ceremonies (Harun J., 2009). Tung.A. (1999) mentioned that flowering scented plants often being used as 'air mawar' and 'bunga rampai' in several of royal Perak ceremonies. Notably, the scented flowers are usually used in the preparation of 'air mawar' and 'bunga rampai' such as Rose, Frangipani, Daisy, Jasmine other than Pandan leaves. Kendall, William, & William (2012) surmised that people choose plants with both aesthetic traits such as flower size, leaf width, and foliage color as well as non-visual traits such as nativeness and drought tolerance. Above all, there is a growing need to determine the local community's belief that influences the internal image of the Royal Town by the fragrant plant character.
3.0 Method

3.1 Study Area
Kuala Kangsar is selected for this study because it is a convenient location; it holds a unique heritage of the Perak Malay Sultanate. It contains a much historic building associated with the royal legacy heritage. Furthermore, the town has officially declared as the Perak Royal City since 1887 (Shen, Farid, & McPeek, 2008). The Royal Town of Kuala Kangsar is located in the State of Perak and situated in the north of Peninsular Malaysia between Ipoh and Taiping. The town today is bypassed by the North-South Highway and has become a backwater of tourism. It is 35km north of Ipoh, the State Capital, and situated on the western bank of the Perak River. From Ipoh, the highway passes through karst topography dominated by rounded limestone hills blanketed in unique vegetation that can survive the harsh conditions.

![Perak State Map](Source: Wikipedia.com)

![Royal Town of Kuala Kangsar, Perak](Source: Google Map)

![Dataran Putra](Source: Author)

![Ubudiah Mosque](Source: Author)

![Kenangan Palace](Source: Author)

This study adopts a case study research. Yin's (2003) explanation of the case study has been amended for architectural research by Groat and Wang (2013). In particular, Groat and Wang (2013), believes that a case study is an empirical inquiry that investigates a phenomenon or a setting, so it is particularly useful in the field of urban design. In this study, all data are collected within the boundary of the Royal Town of Kuala Kangsar, Perak, as a site case. The focus is on the streetscapes near Bukit Chandan streets; Jalan Taiping, Jalan Daeg Sedili, Jalan Istana, and Jalan Syahbandar. This study focuses on exploring the context of place identity, originality of royal town regarding the traditional landscape elements, through the fragrant plant as an embellishment of the city's streetscapes. This study identifies the importance of traditional plants used as an image to represent the people, background history, and the influences of socio-culture in the plant's selection and its characteristics.

3.2 Data Collection
This study engaged with a semi-structure interview method. The respondents were twelve local peoples resided in the Royal Town of Kuala Kangsar. They are categorized into three groups consisted of; five professionals, two policymakers, and five skilled practitioners. This study used a qualitative case study that included a literature review as secondary data and semi-structured interviews. Therefore, to streamline the discussion, first, the respondents were asked to write down their biodata as part of the respondents’ characteristics. Then proceeded to give their responses to the several discussion topics prepared previously. The type of plants coded is based on the name of the plant provided by the respondents until it achieved the saturated data. The respondents answer the questions based on their knowledge, experience, place background, and observation of the Kuala Kangsar environment.

The data obtained from these twelve respondents are categorized into the following topics, as shown in Table 1.
Table 1. Interview Topics, Questions and Promt Questions for In-Depth Answer

<table>
<thead>
<tr>
<th>Topics</th>
<th>Research Questions</th>
<th>Column B (t)</th>
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<tbody>
<tr>
<td>Fragrant plants</td>
<td>1. Can You list the name of the plant that you familiar seen here?</td>
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<td></td>
<td>2. Where did you see the plants?</td>
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<td></td>
<td>3. Can you explain why the plants have been chosen?</td>
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<td></td>
<td>4. Is it the plant that has strongly connected with Kuala Kangsar?</td>
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<td>5. Why did you say that?</td>
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<td></td>
<td>6. Did you think that plants have any specialty? Which part of the plant?</td>
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(Source: Author)

Later, the researcher analyses the connection of the fragrant plants with the place, recognizing the plants and how it could enhance the place identity of the royal town of Kuala Kangsar Perak.

3.3 Data Analysis Procedure

One of the most challenging difficulties involving case study evidence is data analysis that deals with the amount and variety of information (Yin, 2003, p. 109). According to Yin (2003), these difficulties can be reduced if the research has a general strategy for data analysis. Among all the strategies suggested by Yin (2003), this particular research considered "relying on theoretical propositions."

The theoretical proposition obtained in the literature review not only led the data collection process but also helped to organize the data gathered for the research questions and the data analysis in this study. Therefore, the collected information's were further categorized and analyzed in three main areas, namely, data concerning the place identity of the royal town, information concerning the factors related to plant and its relationship with place, and the authenticity of plants as a symbolism of place identity of the royal town Kuala Kangsar, Perak.

The data analysis procedure consists of 4 stages. 1) Preparing data for analysis; 2) Exploring the data; 3) Analyzing the data and 4) Presenting the data analysis. Each step of the analysis consists of the detail process of developing the results, as shown in Figure 6 below.

4.0 Findings

The first set of questions aimed to identify the plant criteria constitute for Kuala Kangsar, Perak. The interview conducted is to investigate the respondents’ opinions on the issues of the plant as an adornment in the royal town. The topics discussed according to two questions: the development of the royal town concerning the type of plant selected, and the relationship of the plant with Kuala Kangsar, Perak.

Firstly, the result shows that all the respondents believed that the development of the Royal Town of Kuala Kangsar did not follow the type of plant related to the Kuala Kangsar town but is based on the Malay ancestor plant. It is because the type of plants often used as an ornament plant in traditional Malay village is also used in traditional ceremonies as well as in the Royal ceremonies. The findings also reveal that because of their popularity among the villager, it was chosen as a subject matter to embellish on the local craft of Kuala Kangsar. Besides that, the respondents noted that the plant with scented consumes attention to the royal environment. Therefore, the respondents’ opinions confirm the importance of the royal town environment on the recognizable of specific criteria in terms of soft capes...
element. The respondents stressed that the reason why the plants were selected is highly related to the background of the royal town, its cultural, authenticity, tradition, and the aesthetic value of the plants.

4.1 Fragrant Plant

Based on the first question sequential, it leads to the second question, which is the type of fragrant plants. The respondents are asked if there is any relationship between the traditional plants with the scented plants. Besides the theme derives from the literature, the fragrant plant is under the traditional plant that can build the character of the plant in the royal town. The respondent approved there is the list of the fragrant plant under these criteria. In a similar vein, the respondent listed the name of traditional plants that has a scented character, and the part of the flower highlights. Respondent believed the scented garden would give the town its dispositions. This is because flowers and blooming plants have significant benefits in the royal town environment. In short, except vision, no sense is as closely tied to memory as the sense of smell. Thus, smelling floral scents has the extraordinary power to put people in a good mood and feel less anxious. Interestingly, the respondent claims that these are the type of scented plants suitable for the royal town environment.

The result of the interview reveals that 43% of the respondents agreed that the Melur flower has specific criteria appropriate for the royal town. "In the gardens, we try to create an area where the name is the fragrant park ... the people will realize the scent when they reach one area of the park."(PM1)

This followed by Bunga Tanjong (33%), as the plant needs to be a highlight in Kuala Kangsar. The nature of the plant is fragrant and uniquely emphasizes the authenticity of the traditional plant. Most of the respondent believes that Bunga Tanjong is the type of plant have both specific criteria. It is a beautiful flowery and fragrant plant. This strong factor lifts the plant as the recognition of the royal town plant. "Most of the flower is in the palace like Tanjong Flower, sometimes decorated on the cushion" (PR4)

At the same time, 24% of the respondent agreed that the Lotus flower (24%) need to highlight as a scented plant.

"The flower motif mostly you will find in the palace environment indoor and outdoor. The same motif always repeated as a decoration." (PR2)

In summary, the experts agreed that the process of planning the element of plants in the royal town needs to be more related to the culture of local people. Furthermore, the uniformity of the plants selected needs further concern. Some of the respondents remarked that the legal boundaries in the royal town limit the consistency of the royal town concept. It indirectly weakens the design function of the royal town. The result also suggests that the nature of the fragrance plants able to self-uplifting, creating a desire for life and giving it a memorable impression.

Figure 7 represents the summary of the recognize fragrance plant for the royal town.

![Fig. 7: Recognition of fragrance plant as criteria in the royal town](Source: Author)

Fig. 8; Bunga Lotus (*Nelumbo nucifera*)
(Source: Wikipedia.com)

Fig. 9; Bunga Melur (*Jasminum sanbac*)
(Source: Wikipedia.com)

Fig. 10; Bunga Tanjong (*Mimosops elengi*)
(Source: Wikipedia.com)
5.0 Discussions

Respondents in this study suggested several types of plant criteria suited as the symbolic motifs for the study area. However, fragrant flowering plants have a unique character suitable for a royal town. Most of them specifically suggested that the plants commonly used in Malay traditional culture should be appropriate in symbolizing the royal town.

This fits in well with the conceptual framework of this study. The themes suggested by the respondents include the following:

a) Traditional fragrant plants commonly used by the Malay community for many generations, i.e., Bunga Tanjong (Mimosop elengi).

b) Plants that traditional local people are familiar, i.e., Bunga Melur (Jasminum sambac).

c) Fragrant plants under the unique type of plant category, i.e., Bunga Lotus (Nelumbo nucifera).

The results of this study indicate that traditional societies frequently use aromatic flowering plants as ornamental plants. This finding is consistent with Tabuti et al. (2003) and Chiranjibi et al. (2006), who found that the use of the traditional plant in developing countries contributes directly to the socio-economic status and well-being of the rural communities. Furthermore, aromatic plants are necessarily required in the Perak Sultanate ceremonies such as wedding, death, and medicine. Traditional Malays also used fragrant flowers in the floral bath or "mandi bunga" rituals to cleanse themselves of evil spirits (Mustafa, Mohd, & Sarbini-zir, 2014); (Harun J., 2009).

From the study, respondents also agreed that fragrant plants should be planted along Jalan Istana, leading to the Istana Iskandariah (Iskandariah Palace). Others suggested fragrant plants that are used by the rural Malay communities need to be planted as a landscape tree in the town. Other respondents agreed that fragrant plants should be used as they are mentioned in the holy Quran to describe paradise (Surah Ali-Imran; 191 and Surah Al-An'am; 99).

The practices of a society can, over time, become a hereditary culture of that society. This supported the notion that the relationship between plants, the environment, and society contributes to the stability of a place. This inline with Ralph (1976), who states that the people, associations, and places have the development potential that reflects the human experience. This further supports the idea of recognizing a special place like this study area. A possible explanation for the choice of fragrant plants by respondents could be that they are commonly used to embellish the Labu Sayong, which is a local craft associated with the study area. Symbols are related to nature, culture, emotional bond, and the meaning of a place (Hay, 1998), as well as they, can create a feeling of pride (Twigger-Ross et al., 2003).

Furthermore, fragrant plants are also used in royal wedding ceremonies of the Perak Sultanate. This is to ensure the continuity of the royal lineage and unity of royal relations. As stated by O'Donnell (2008), fragrant plants are icons of place memory and heritage value.

One of the interesting findings from this study is that the Bunga Lotus (Nelumbo nucifera) is recognized as a royal plant by one of the craft makers. The reason being that the large flower size represents the richness of the royalty, and its white color symbolizes the greatness and majesty of the Sultan of Perak. Colors, like shape and form, reflects the splendor and beauty of aesthetical elements or ornaments adorning them and carry more profound philosophical association and meaning (Aziz & Olalere, 2013; Shuaib & Enoch, 2014). This situation translates that these plants have a substantial relationship with the memories of the past, primarily related to people, culture, and place. The respondent's experience shows that the selected plants are the type of plant that people can recognize the Royal Town of Kuala Kangsar. Furthermore, the color of the flowers, well known among the local people and being used in many of the Royal Perak Institution ceremonies, are other reasons for the plants suitable to represent the royal town of Kuala Kangsar, Perak.

6.0 Conclusion & Recommendation

This study set out to identify the recognition of fragrant plants for place identity of the royal town of Kuala Kangsar, Perak. Data collected may help to preserve knowledge about different traditional plants used by the respondent as a people of Kuala Kangsar and their mode of use for visualizing an image of a place. Looking at a flower is a happiness source. But flowers and blooming plants have other great benefits for the royal town environment. Except for vision, no sense is as closely tied to memory as the sense of smell. Thus, smelling floral scents has the extraordinary power to put people in a good mood, feel less anxious, and bring back a memory from the past. Also, the fragrant plant can make people's life easier and more pleasant through the senses, make people feel better and released as well as can represent the Royal Town of Kuala Kangsar, Perak.

The results of this study revealed Bunga Melur, Bunga Tanjong, and Bunga Lotus are the three most considerable plants suitable to be used for imaging the place and people. These flowers produce substantial benefits for the royal town of Kuala Kangsar environment. These plants can be a symbol of the area and related to the cultural significance of Kuala Kangsar. Eventually, both visual beauty and smell are essential for enhancing the place identity of the royal town of Kuala Kangsar Perak. This study could be a ‘benchmark’ for other research to be carried out in other royal city in Malaysia. Further study on the characteristics of fragrant plants and the establishment of the criteria of plants for the royal town of Kuala Kangsar, Perak, is recommended.

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