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The parks in Karlín in the past and today

ANNOTATION

This article aims at the interpretation of the heritage values of Karlín heritage zone, determining the protection and renovation rules of the parks' maintenance on important public spaces. The article analyses the historic composition development based on the archive evidence, current specialized knowledge and field surveys of the current state. The public spaces are reviewed in the context of their location within the Karlín heritage zone, and the current state is evaluated regarding the dendrological classification.

SUMMARY

This article interprets the heritage values of the parks on important public spaces within the Karlín heritage zone, namely the park in front of Invalidovna, Kaizl's park, Lyčkovo square and Karlínské square. Their identification was based on the analysis of the current state documented by field surveys, and on the data about the historic development gained by the archive research. The parks were reviewed also regarding the relation to the current function, importance, outer relations and the location within the urban structure. Important part of the research included dendrological evaluation of the current sorts of the woody plants in the context of typological categories of greenery on public open spaces. The woody plants were reviewed concerning their spatial layout, and sorted into categories, which were evaluated regarding the taxonomy, age, stage of growth and the entire quality. The results are presented in the form of maps with comments. Individual archive maps and plans were georeferenced and the layers were connected with a geodatabase, including detailed attributes of the elements. This enables to define the rules of the parks' protection and renovation, based on the documentation of the transformation of the area in its entirety as well as of the individual parks in the urban open spaces.

The evaluated area of Karlín heritage zone has a unique urban layout determined by the regulative plan from 1816 with a project of the development of urban blocks from the early 19th century. Clear definition and spatial and functional regulation contributed to the preservation of legible basic composition of these parks, which belongs to the most valuable heritage values. Their quality and sustainability was reinforced also by the recent reconstruction of the park at the Karlínské square and Kaizl's park, and continuous maintenance of the others, corresponding with the importance of these monuments.

Despite the unknown authorship of the landscape design of these parks, the Art nouveau composition mainly of Lyčkovo square and Kaizl's park, they are a respectable legacy of the Thomayer's school. The historically revived composition of Karlínské square, on the contrary, reflects the composition principles within Europe of that period.

Fig. 1. The boundaries of Karlín heritage zone (VYHLÁŠKA 1993). Map underlay: PLAN 2017 BASIC MAP, section with the boundary of Karlín PZ WMS-NPÚ. Drawn by L. Bendíková in 2017 into the digital basic map underlay, state in 2017.

Fig. 2. Situation and regulation plan of Špitálsko made for the use of the official commission before the foundation of Karlín (PLAN 1816 FISCHER).

Fig. 3. The state of the public greenery areas in 1891. Map underlay: PLAN 1891 HURTIG, section with a digitally input of DMR 5G/shaded terrain model. Legend: the boundaries of parks, the boundary of PZ Karlín WMS-NPÚ heritage zone. The boundaries drawn and map edited by L. Bendíková, 2017.

Fig. 4. The state of the public greenery areas in 1909. Map underlay: PLAN 1909 KŘÍŽ, a section with a digitally input of DMR 5G/shaded terrain model. Legend: parks' boundaries, boundary of PZ Karlín WMS-NPÚ. The boundaries drawn and map edited by L. Bendíková, 2017.

Fig. 5. Composition development of the park in front of Invalidovna and Kaizl's park based on the comparison of historic maps sections, and the cadastre map. Legend: current state of the area, buildings, greenery areas, avenues

and alleys. Map sources digitised, redrawn and uniformly edited by L. Bendíková and P. Šířina, 2017.

Fig. 6. Composition analysis of the current state of the park in front of Invalidovna and Kaizl's park. Map underlay: PLAN 2017 ORTOPHOTO MAP ČÚZK, a section. Legend: important composition feature, negative disturbing feature, view direction, axis, cultural monument, boundaries of the area. Drawn by P. Šířina in 2017 into the orthophoto map with the use of the cadastre map, state in 2017.

Fig. 7. Prague 8-Karlín, the park in front of Invalidovna, the view of the northern façade of Invalidovna, No. 24, across the central parterre of the park (photo E. Sojková, 2017).

Fig. 8. Prague 8-Karlín, the park in front of Invalidovna, view of the Invalidovna towards the Kaizl's park with *Aesculus hippocastanum* specimen (photo E. Sojková, 2017).

Fig. 9. Dendrological evaluation of the park in front of Invalidovna and the Kaizl's park. Map underlay: PLAN 2017 ORTHOPHOTO MAP IPR, section of the street system of Invalidovna and the surroundings. Legend: solitary bush, solitary tree, important solitary tree, avenue, trimmed hedges and walls, the boundaries of the heritage zone, park boundaries, group of trees, group of shrubs, tree cover, shrub cover, combined tree and shrub cover, rose garden. Drawn in 2017 by L. Bendíková into the Orthophoto map of Prague, state in 2017.

Fig. 10. Prague 8-Karlín, Kaizl's park, Art nouveau ribbon of the path system, with a bronze act of a girl sitting in its centre since 1964, called *Remembering* by Břetislav Benda from 1960 (photo E. Sojková, 2017).

Fig. 11. Prague 8-Karlín, Kaizl's park, a pond after the proposal by Julius Krýsa from 1901 in the centre of the parks composition (photo E. Sojková, 2017).

Fig. 12. Prague 8-Karlín, Kaizl's park, near the corner of the streets U Invalidovny and Za Invalidovnou, public sport area with fitness components for adults, built during the revitalization of the parks in 2010–2011 in the former summer garden of the National house, No. 14 (today one of the seats of Český rozhlas), built in 1910–1911 after the project of the architect Josef Sakař (photo E. Sojková, 2017).

Fig. 13. Composition development of the park at Lyčkovo square based on the comparison of historic maps sections and the cadastre map. Legend: current extent of the area, buildings, greenery areas, avenues and alleys. Map underlays digitised and uniformly edited by P. Šířina, 2017.

Fig. 14. Prague 8-Karlín, No. 460, Lyčkovo square 6. General view of the school complex at Lyčkovo square, the square with the park in the front, period photo, anonymous, around 1910 (AMP Collection of photographs, sign. V 21/3).

Fig. 15. Composition analysis of the current state of the Park at Lyčkovo square. Map underlay: PLAN 2017 ORTOPHOTO MAP ČÚZK, section. Legend: important composition feature, negative disturbing feature, view direction, axis, cultural monument, boundary of the area. Drawn in 2017 by P. Šířina into the orthophoto map with the use of the cadastre map, state in 2017.

Fig. 16. Prague 8-Karlín, Lyčkovo square. View over the main park parterre across the centre of the composition towards the school building No. 460 (photo E. Sojková, 2017).

Fig. 17. Prague 8-Karlín, Lyčkovo square. One of the "eyes" of the „scarabaeus“ composition in the park at Lyčkovo square (photo E. Sojková, 2017).

Fig. 18. Prague 8-Karlín, Lyčkovo square. Unsuitable insertion of a modern artefact in the regular composition of the park in 2017 (photo E. Sojková, 2017).

Fig. 19. Dendrological evaluation of the Park at Lyčkovo square. Map underlay: PLAN 2017 ORTHOPHOTO MAP IPR, section of the Lyčkovo square street system and the surroundings. Legend: solitary bush, solitary tree, avenue, boundaries of the parks, group of trees, group of shrubs, shrub cover, rose garden. Drawn in 2017 by L. Bendíková into the Orthophoto map of Prague, state in 2017.

Fig. 20. Composition development of the park at Karlínské square based on the comparison of historic maps' sections and the cadastre map. Legend: current extent of the area, buildings, green areas, avenues and alleys, water feature. Map underlays digitised and uniformly edited by P. Šířina, 2017.

Fig. 21. Proposal of the foundation of the Jungmann's park at Karlínské square (PLAN 1861 ANONYMOUS).

Fig. 22. Prague 8-Karlín, Karlínské square. View of the square with the park and the church of St. Cyril and Methodius, period photo, Jindřich Eckert, 1896/1897 (AMP Collection of photographs, sign. VI 44/4 b).

Fig. 23. Praha 8-Karlín, No. 316, Karlínské square 7. General view of the main façade of the former Karlín town hall (today the House for children and youth of the Prague capital), period photo, Jindřich Eckert, 1896/1897 (AMP Collection of photographs, sign. VI 37/4).

Fig. 24. Prague 8-Karlín, Karlínské square. Axial view across the parterre of the park at Karlínské square towards the church of St. Cyril and Methodius (photo E. Sojková, 2017).

Fig. 25. Prague 8-Karlín, Karlínské square. The renovation of the park added a shrub level and preserved the solitary trees from the original planting (photo E. Sojková, 2017).

Fig. 26. Composition analysis of the current state of the park at Karlínské square. Map underlay: PLAN 2017 ORTHOPHOTO MAP ČÚZK, section. Legend: axes, the view direction, negative disturbing feature, cultural monument, boundary of the area. Drawn by P. Šířina in 2017 into the orthophoto map with the use of the cadastre map, state in 2017.

Fig. 27. Dendrological evaluation of the Park at Karlínské square. Map underlay: PLAN 2017 ORTHOPHOTO MAP IPR, section of the Karlínské square street system and the surroundings. Legend: solitary tree, avenues, parks boundaries, group of trees, group of shrubs, combined group of trees and shrubs, shrub cover, combined cover of the trees and shrubs. Drawn in 2017 by L. Bendíková into the Orthophoto map of Prague, state in 2017.

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