Dong Chan Son, Hyuk-Jin Kim, Soo Hyun Park and Kae Sun Chang*: Lectotypification of Carex nakasimae (Cyperaceae)

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Summary: The lectotype is designated for Carex nakasimae Ohwi (Cyperaceae). A photograph of the selected lectotype is provided.

Carex nakasimae was described as a new species by Ohwi (1944) based on the specimens collected by K. Nakasima in Hwasan (Kwazan) of Gyeonggi-do (Keikido), Republic of Korea. It is known as a Korean endemic and with limited distribution in Hwaseong-si, Gyeonggi-do and Upo wetland, Gyeongsangnam-do, Korea. However, the type locality of C. nakasimae, Hwasan region was destroyed by encroaching urban development with the result that C. nakasimae can no longer be found in the habitat.

Ohwi described Carex nakasimae while he worked in Kyoto University and published it in a publication of the University. Lee (2003) mentioned that Ohwi (1944) designated the holotype of the species. On that basis, after examining herbarium specimens of Kyoto University (KYO), we could not find the holotype. On the other hand, Koyama and Kanai (1990) reported that the isotype specimen of the species (TNS 221378) is deposited in the National Museum of Nature and Science, Japan. We found two sheets of the type specimen of C. nakasimae in TNS. These are isotypes which bear the isotype registration number: 00040 and 00041, respectively. Therefore, according to Art. 9.12 (McNeill et al. 2012), we choose TNS 221378 (isotype 00040) as the lectotype of C. nakasimae.


Lectotype (designated here): KOREA. Gyeonggi-do, Suwon-gun, Hwasan [Present address: Gyeonggi-do, Hwaseong-si, Annyeong-dong], 24 May 1942, K. Nakasima s.n. (TNS 221378–isotype no. 00040, image!; Fig. 1).

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Literature cited
Fig. 1. Lectotype of Carex nakasimae Ohwi (K. Nakasima s.n., 24 May 1942, TNS 221378, isotype registration number: 00040).
孫 東贊, 金 赫鎭, 朴 壽現, 張 桂淵: Carex nakasimae (カヤツリグサ科) のレクトタイプ選定
カヤツリグサ科の Carex nakasimae Ohwi のレクトタイプ選定を行った。Ohwi (1944) の引用したタイプ標本は国立科学博物館に保管されている (TNS 221378)。しかし、この標本は 2 点あり、アイソタイプとしてそれぞれ TNS 221378 (Isotype 00040) と同 (Isotype 00041) と登録されている。レクトタイプは朝鮮京畿道水原郡花山の K. Nakasima s.n. (TNS 221378 Isotype 00040; Fig. 1) を選定した。
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