Dong Chan SON, Hyuk-Jin KIM, Soo Hyun PARK and Kae Sun CHANG*:
Lectotypification of Carex nakasimae (Cyperaceae)

Division of Forest Biodiversity and Herbarium, Korea National Arboretum, Pocheon, 11186 KOREA
*Corresponding author: natu17@korea.kr

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, 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).

This study was supported by ‘Research on unidentified native plant name in Korea (KNA1-1-16, 15-1)’ and ‘A taxonomic review of Cyperaceae in Korea (KNA1-1-9, 12-2)’ funded by Korea National Arboretum.

Literature cited
孫 東贊, 金 赫鎭, 朴 壽現, 張 桂姫: 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。

（韓国・韓国山林廳國立樹木園山林生物調査科）