

## Lectotypification of *Carex* (Cyperaceae) Described by Shigeo Akiyama in the Herbarium of The Hokkaido University Museum (SAPS) (1)

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Ten taxa of *Carex* (Cyperaceae) described by Dr. Shigeo Akiyama are lectotypified based on the specimens mainly preserved in the Herbarium of the Hokkaido University Museum (SAPS). They are *C. flavocuspis* Franch. & Sav. var. *iwatensis* Akiyama, *C. foliosissima* F.Schmidt var. *albo-mediana* Akiyama, *C. forficula* Franch. & Sav. var. *angustiflora* Akiyama & Suto, *C. geantha* Ohwi var. *pubescens* Akiyama, *C. karashidaniensis* Akiyama, *C. kinpokusanensis* Akiyama, *C. maximowiczii* Miq. vars. *minor* Akiyama and *pallida* Akiyama, *C. oxyandra* (Franch. & Sav.) Kudô var. *globosa* Akiyama, and *C. siderosticta* Hance var. *variegata* Akiyama.

**Key words:** *Carex*, Cyperaceae, lectotype, SAPS, Shigeo Akiyama.

*Carex* L. (Cyperaceae) is the most species-rich genus of the flowering plants in Japan, comprising more than 250 species (Katsuyama 2015). Dr. Shigeo Akiyama (1906–1984), former professor of the Faculty of Science, Hokkaido University, described about 65 new taxa of *Carex*, mainly in the 1930s (e.g., Akiyama 1931, 1932, 1934, 1935, 1937). In his monumental publication, *Carices of the Far Eastern Region of Asia* (Akiyama 1955), he described and illustrated 346 species and many infraspecific taxa of *Carex* distributed in Far Eastern Asia, including from the island chain extending from southern Sakhalin and the Kurile Islands in the north through the

Japanese archipelago to Taiwan in the south. He also included the species of the Ogasawara Islands and Caroline Islands, the Korean Peninsula and the adjacent small islands. The type specimens or original materials of those new taxa were housed in the Herbarium of the Faculty of Science, Hokkaido University (SAP), at the time of those publications. Currently, the vascular plant specimens of SAP, including Akiyama's collections, have been transferred to the Herbarium of the Hokkaido University Museum (SAPS). In addition, some duplicates were deposited in other Japanese herbaria, such as KANA, KYO, TI and TNS. In many cases, Akiyama did not designate a

ed. Bun-ichi Sogo Shuppan, Tokyo (in Japanese).  
 Turland N.J., Wiersema J.H., Barrie F.R., Greuter W.,  
 Hawksworth D.L., Herendeen P.S., Knapp S., Kusber  
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International Code of Nomenclature for algae, fungi,  
 and plants (Shenzhen Code) adopted by the Nineteenth  
 International Botanical Congress Shenzhen, China,  
 July 2017. Regnum Vegetabile 159. Koeltz Botanical  
 Books, Glashütten.

矢野興一<sup>1</sup>, 首藤光太郎<sup>2</sup>, 加藤ゆき恵<sup>3</sup>, 池田 博<sup>4</sup>: 北海道大学陸上植物標本庫 (SAPS) に収蔵されている, 秋山茂雄によって記載されたスゲ属 (カヤツリグサ科) のレクトタイプ選定 (1)

北海道大学陸上植物標本庫 (SAPS) には, 秋山茂雄博士 (1906–1984) によって記載されたカヤツリグサ科スゲ属植物のタイプ標本や原資料が数多く収蔵されている。しかしながら, これらの中にはホロタイプ (正基準標本) が指定されていないものや, タイプ標本が複数存在するものなど, タイプ指定が厳密になされていない分類群が多く含まれている。そこで, 「国際藻類・菌類・植物命名規約 (深圳規約)」(Turland et al. 2018) に従い, 以下の10分類群についてレクトタイプ (選定基準標本) の選定をおこなった: *Carex flavocuspis* Franch. & Sav. var. *iwatensis* Akiyama (チャイロタヌキラン), *C. foliosissima* F.Schmidt var. *albo-mediana* Akiyama (シマオクノカンスゲ), *C. forficula* Franch. & Sav. var. *angustiflora* Akiyama

& Suto (ホソタニガワスゲ: ホソボタニガワスゲ [秋山 1955]), *C. geantha* Ohwi var. *pubescens* Akiyama (ケハガクレスゲ), *C. karashidaniensis* Akiyama (イセアオスゲ), *C. kinpokusanensis* Akiyama (サドカンスゲ), *C. maximowiczii* Miq. var. *minor* Akiyama (チャボゴウソ), *C. maximowiczii* Miq. var. *pallida* Akiyama (シロゴウソ), *C. oxyandra* (Franch. & Sav.) Kudô var. *globosa* Akiyama (マルミノヒメスゲ) および *C. siderosticta* Hance var. *variegata* Akiyama (フライタガネソウ)。

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