

Zeitschrift:	Botanica Helvetica
Herausgeber:	Schweizerische Botanische Gesellschaft
Band:	95 (1985)
Heft:	2
Artikel:	Monochoria korsakowii Regel & Maack (Pontederiaceae) : a new plant to the rice fields of N. Italy
Autor:	Vuille, Flora-Lise
DOI:	https://doi.org/10.5169/seals-66520

Nutzungsbedingungen

Die ETH-Bibliothek ist die Anbieterin der digitalisierten Zeitschriften auf E-Periodica. Sie besitzt keine Urheberrechte an den Zeitschriften und ist nicht verantwortlich für deren Inhalte. Die Rechte liegen in der Regel bei den Herausgebern beziehungsweise den externen Rechteinhabern. Das Veröffentlichen von Bildern in Print- und Online-Publikationen sowie auf Social Media-Kanälen oder Webseiten ist nur mit vorheriger Genehmigung der Rechteinhaber erlaubt. [Mehr erfahren](#)

Conditions d'utilisation

L'ETH Library est le fournisseur des revues numérisées. Elle ne détient aucun droit d'auteur sur les revues et n'est pas responsable de leur contenu. En règle générale, les droits sont détenus par les éditeurs ou les détenteurs de droits externes. La reproduction d'images dans des publications imprimées ou en ligne ainsi que sur des canaux de médias sociaux ou des sites web n'est autorisée qu'avec l'accord préalable des détenteurs des droits. [En savoir plus](#)

Terms of use

The ETH Library is the provider of the digitised journals. It does not own any copyrights to the journals and is not responsible for their content. The rights usually lie with the publishers or the external rights holders. Publishing images in print and online publications, as well as on social media channels or websites, is only permitted with the prior consent of the rights holders. [Find out more](#)

Download PDF: 22.08.2025

ETH-Bibliothek Zürich, E-Periodica, <https://www.e-periodica.ch>

Monochoria korsakowii Regel & Maack (Pontederiaceae): a new plant to the rice fields of N. Italy

Flora-Lise Vuille

Institut für Systematische Botanik der Universität, Zollikerstr. 107, CH-8008 Zürich, Switzerland

Manuscript accepted September 24, 1985

Abstract

Vuille, Flora-Lise. 1985. *Monochoria korsakowii* Regel & Maack (Pontederiaceae): a new plant to the rice fields of N. Italy. *Bot. Helv.* 95: 323–324. *Monochoria korsakowii* Regel & Maack is recorded for the first time in western Europe.

The flora of the Italian rice fields, particularly the region around Vercelli and Novara, is very rich in aquatic and marsh species. Many have been introduced and are dependent for their existence on the cultivation of rice. Some already occupy very large ranges and have become pests (Cook 1985).

In September 1985 a new noteworthy plant was found in two rice fields, 20 km S.E. of Vercelli, near Candia Lomellina, Prov. Pavia, Reg. Lombardia. The new introduction is the plant generally called *Monochoria korsakowii* Regel & Maack. The exact identity is uncertain as the taxonomy of the genus *Monochoria* is somewhat confused and much in need of revision.

A small population of about 10–15 individuals of *M. korsakowii* Regel & Maack was found in two rice fields growing with scattered individuals of *Hetherantera limosa* (Sw.) Willd. (or perhaps *H. rotundifolia* (Kunth) Griseb.). The plants were flowering on exposed mud but probably germinated in standing water about 25 cm deep. Flowers do not apparently fully open but seed set was high.

Monochoria korsakowii Regel & Maack was originally described from near Ussuriysk, Sikhote-Alin, USSR and is a relatively local species extending into northern China, Korea and Japan. It is patristically related to *M. vaginalis* Presl, a widespread tropical species.

M. korsakowii Regel & Maack has already become established in rice fields along the northern part of the Black Sea (Chernoye More). It was first recorded there in 1932. Its distribution in S. W. Russia is summarized by Lakinov (1972). There is no evidence as to how this species reached Italy.

Voucher specimens are deposited in Zurich (Z)

I wish to thank Professor C. D. K. Cook and Sieglinde Schiele. Financial support for this work was provided by fonds national suisse grant no. 3.029-0.84.

References

- Cook C. D. K. 1985. Range extensions of aquatic vascular plant species. *J. Aquatic Plant Management* 23:1–6.
- Laktionov B. I. 1972. Novýr dlya flory Ukrainský vid *Monochoria korsakowii* Regel & Maack. *Bot. Zhurn.* 57(10): 1332–1333.