Short Communication

HASEGAWAEA JAPONICA VAR. *VERSATILIS*, A NEW COMBINATION FOR *SCHIZOSAC-* *CHAROMYCES JAPONICUS* VAR. *VERSATILIS*¹

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Since the genus *Schizosaccharomyces* Lindner was introduced (1), four species have been accepted (2). We have divided the genus *Schizosaccharomyces* Lindner sensu Yarrow into three groups at the generic level based on the differences in its ascospore morphology and its chemotaxonomic characteristics (3):

Schizosaccharomyces Lindner, which includes *Schizosaccharomyces pombe* Lindner and *Schizosaccharomyces malidevorans* Rankine et Fornachon, *Octosporomyces* Kudriavzev emend. Yamada et Banno, which includes *Octosporomyces octosporus* (Beijerinck) Kudriavzev, and *Hasegawaea* Yamada et Banno, which includes *Hasegawaea japonica* (Yukawa et Maki) Yamada et Banno.

In a subsequent study on the electrophoretic enzyme patterns of strains of the species in the three genera, *S. malidevorans* has been found to be synonymous with *S. pombe*: the similarity value has been calculated to be 60% between the type strains of the two species (4).

In those two papers (3, 4), we have not designated *H. japonica* var. *versatilis* as a new combination. According to Article 33, especially Ex. 4 of Art. 33.2, of International Code of Botanical Nomenclature 1983 (5), the name of the variety should be proposed as a new combination. This paper is concerned with the proposal of the new combination.

¹ This constitutes Part XXV of a series entitled "Significance of the coenzyme Q system in the classification of yeasts and yeast-like organisms." For Part XXIV, see ref. 6.

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Hasegawaea japonica (Yukawa et Maki) Yamada et Banno var. *versatilis* (Wickerham et Duprat ex Slooff) Yamada et Banno comb. nov.

Basionym: *Schizosaccharomyces japonicus* Yukawa et Maki, Kyushu Teikoku Daigaku Nogakubu Gakugei Zasshi **4**: 223. 1931 var. *versatilis* Wickerham et Duprat, J. Bacteriol. **50**: 606. 1945 (nom. invalid. art. 36) ex Slooff, The Yeasts ed. 2. 740. 1970.

Typus: CBS 103.

Our enzyme pattern experiment has indicated a similarity value as 60% between the two varieties, *H. japonica* var. *japonica* and *H. japonica* var. *versatilis* (4). However, these two varieties will be retained, because they differ from each other in the shape and iodine reaction of mature ascospores (2).

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