

## A LEVÉLLAKÓ ZUZMÓK ÚJABB IRODALMA, 1952—1985

FARKAS EDIT

Elfogadva: 1985. március 6.

Az utóbbi években ugrásszerű fejlődésnek indult a levéllakó zuzmótársulások florisztikai és ökológiai vizsgálata, amit mindenekelőtt a taxonómiai és morfológiai kutatások legújabb eredményei tettek lehetővé. SANTESSON (1952) nagyszabású monográfiába foglalta össze az addigi gyűjtések, kutatások eredményeit. Az azóta eltelt több mint 30 év alatt 61 szerző által írt 93 cikket gyűjti össze ez a bibliográfia. A csillaggal (\*) jelölt cikkek új taxonok, ill. kombinációk leírását tartalmazzák (l. még FARKAS 1986). Számos cikk jó illusztrációkkal (rajzok, térképek, mikrofotók, SEM-felvételek) egészíti ki SANTESSON munkáját. A legtöbb új eredmény trópusi — elsősorban afrikai — kutatásokból származik. A legkülönfélébb vizsgálatokhoz (morfológiai, ultrastrukturális és növekedési) leggyakrabban használt levéllakó zuzmófaj a *Strigula elegans* (FÉE) MÜLL. ARG.

A felsorolásba 4 exsiccata (FOLLMANN 1968, 1978, 1980, 1981, KALB 1981—1984, VÉZDA 1966—1984, WEBER 1966, 1971) is került, amelyekben levéllakó zuzmók előfordulnak.

## RECENT LITERATURE ON FOLIICOLOUS LICHENS, 1952—1985

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More than 30 years have elapsed since 1952, when SANTESSON'S (1952) revision of the obligately foliicolous lichenized fungi came out in Uppsala. Since that time no similar comprehensive work, but 93 separate articles on the subject have been published. These works written by 61 authors approach the topic from floristical, taxonomical, morphological and ecological ways.

Most of the articles contain foliicolous data as additions to the lichen flora of different areas. Many of them deal with only foliicolous lichens, while in others the foliicolous data represent less importance (e.g. AWASTHI 1965, AWASTHI and AGARWAL 1969, AWASTHI and SINGH 1973, TUCKER and HARRIS 1980). Though the title of some article suggests a checklist of foliicolous lichens from an area, they usually contain taxonomical additions, too (see e.g. articles of SÉRUSIAUX, VÉZDA). Those, which contain descriptions or combinations of new taxa, are marked by an asterisk (\*). (For them see also FARKAS 1986.)

These publications are richly illustrated by drawings (maps, morphological structures) and/or microphotographs (including SEM photos). The illustrations complete well the work of SANTESSON (1952).

Recently the best investigated continent is Africa (SÉRUSIAUX 1977, 1979, 1983; VĚZDA 1973, 1974, 1975a, 1975b) but there are works from the whole tropical world (Central America — VĚZDA 1984, South America — NOWAK and WINKLER 1970, 1972, 1975; HERTEL 1974; UPADHYAY 1964; SCHELL and WINKLER 1981, Asia — AWASTHI and SINGH 1972a, 1972b; SINGH, A. 1969, 1970a, 1970b, 1971, 1973, 1978; SINGH, K. P. 1977, 1978, 1979; VĚZDA 1977) and even from extratropical areas, where the climatic conditions permit foliicolous growth (in North America — SÉRUSIAUX 1979; TUCKER and HARRIS 1980; VIRT et al. 1973, in Europe — VĚZDA and VIVANT 1972; MODENESI and SERRATO 1984; JOSIEN 1964, 1967; DE FOUCAULT et al. 1982; CHOISY 1955; VĚZDA 1983, on the isles of Oceania — SMITH 1977; TAVARES 1953 and in Australia — FILSON 1965).

The list takes into account 4 exsiccatae (FOLLMANN 1968, 1978, 1980, 1981; KALB 1981—1984; VĚZDA 1966—1984; WEBER 1966, 1971) with foliicolous specimens as well.

In the last years new fields of investigations appeared, e.g., trials for theoretical ecology (SCHELL and WINKLER 1981; CONRAN and ROGERS 1983). *Strigula elegans* (FÉE) MÜLL. ARG. (or *Strigula* sp.) is the species chosen many times for different researches among them morphological (CHAPMAN 1975; MARGOT 1977), ultrastructural (CHAPMAN 1976) and growth rate (DE WILDE-DUYFJES 1967) investigations as well.

SÉRUSIAUX (1977b) develops the grouping of SANTESSON (1952) and initiates new terms for categories of foliicolous lichens.

The next bibliography takes into account those articles which were seen by the Author till December 1985.

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