

ACTA BOT. CROAT. VOL. 39, 143—144, 1980.

UDC 58

CODEN: ABCRA2

YU ISSN 0365—0588

UDC 582.287.233:581.9(497.1) = 20

REDISCOVERY OF *STEREUM REFLEXULUM*
ON THE ISLAND OF LOKRUM (YUGOSLAVIA)
ON ANOTHER HOST

JAN KUTHAN

(Ostrava-Poruba, Czechoslovakia)

Received June 12, 1979

During my several visits to Yugoslavia in 1966—1968 I collected, in various places, a number of interesting macromycetes. A few of the records have been published (Kuthan 1967, 1969, Kotlaba 1975).

On the island of Lokrum near Dubrovnik I found on June 11, 1967, in addition to other fungi, a *Stereum* somewhat resembling *S. hirsutum*, but having fruitbodies unusually thin and tomentose rather than hirsute. The host was also unusual — a dying trunk of *Cupressus sempervirens*. (Portions of the bark were revised by Dr. E. Opravil, Opava, who confirmed that the host was most probably correctly identified). The collected material was determined about three years ago by Z. Pouzar (National Museum, Prague) as *Stereum reflexulum*, described by Reid in 1969 from Corsica, and Tangiers in Africa; later it was recorded by Ryvar den (1974) from the Canary Islands and Portugal. For Yugoslavia it was published by Tortić (1975) from two localities: Lokrum, on a thin twig of an angiosperm (*Cistus?*) and Igalo, on *Juniperus oxycedrus*. The first collection in Lokrum was made already in 1930 by Reching er and it is interesting to note that the fungus was refound there after 37 years, and on a different host, too.

Description of the dried material. The collection consists of one very thin and fragile fruitbody 80×30 mm, attached to the substrate by its dorsal side. The upper surface is evenly tomentose, transversely undulate, with fine rather lustrous zones which are darker and brownish at the base but tend to be grey, with single ochraceous bands toward the margin; the latter, about 3 mm wide, is evenly pale ochraceous grey. The hymenium is pale ochraceous, with pale rusty brown patches, undulate and rugulose, crached into irregular small areas.

In the hymenium there are numerous thin-walled pseudoacanthophyses with aculeate processes and pseudocystidia the thick walls of which thin out toward the apices, both characteristic of this species. Only few spores were found in the material studied, oblong-elliptic, thin-walled, hyaline and amyloid, $(4.2)4.8-6.8 \times (2.1)2.5-3.1(3.4)\mu\text{m}$. The specimen is deposited in the private herbarium of J. Kuthan, Ostrava.

S. reflexulum is definitely a Mediterranean species, which is probably more frequent both in Yugoslavia and in other countries than the available records would suggest, but seems to be overlooked or confused with small fruitbodies of the common *S. hirsutum*.

Summary

A third collection of *Stereum reflexulum* Reid from Yugoslavia is described. The species was found in the same locality (the island of Lokrum) where it was collected already in 1930, but on a different substrate. Consequently, it is now known in Yugoslavia from two conifers, *Cupressus sempervirens* and *Juniperus oxycedrus*, and an angiosperm (*Cistus?*). Because of its similarity with *S. hirsutum* it is likely to be overlooked and is perhaps not very rare.

*

Acknowledgements. Thanks are due to Z. Pouzar, C. Sc. (Prague) and Dr. F. Kotlaba, C. Sc. (Průhonice) for their help in the determination of the material, and to Dr. E. Opravil, C. Sc. (Opava) for the revision of the host.

References

- Kotlaba, F., 1975: Zeměpisné rozšíření a ekologie ohňovce hrbolatého (*Phelellinus torulosus*) se zvláštním zřetelem k Československu. Čes. Mykol. 29, 5—24.
- Kuthan, J., 1967: Mřežovka červená—*Clathrus ruber* Mich. ex Pers.—houbarský úlovek ze slunné Jugoslavie. Mykol. Sbornik 44, 48—50.
- Kuthan, J., 1969: Spolupráce s Jugoslávskou mykoložkou při mapování hub. Mykol. Zpravodaj 13, 17—18.
- Reid, D. A., 1969: Spring Fungi in Corsica. Revue Mycol. 33, 232—265.
- Ryvarden, L., 1974: Studies in the Aphyllophorales of the Canary Islands. 2. Some species new to islands. Cuad. Bot. Canar. 20, 3—8.
- Tortić, M., 1975: Two interesting sterea new for Yugoslavia: *Xylobolus subpileatus* (Berk. et Curt.) Boid. and *Stereum reflexulum* Reid. Acta Bot. Croat. 34, 139—142.

SAŽETAK

PONOVNI NALAZ VRSTE *STEREUM REFLEXULUM* REID NA OTOKU LOKRUMU U JUGOSLAVIJI

Jan Kuthan

(Ostrava-Poruba, Čehoslovačka)

Autor izvješćuje o ponovnom nalazu vrste *Stereum reflexulum* na o. Lokrumu na kojem ga je našao K. Rechanger već 1930, ali s drugog supstrata. Drugi dosad poznati lokalitet ove vrste je Igalo (Boka kotorska), gdje ju je 1940. sabrao Lj. Glišić s *Juniperus oxycedrus* (Tortić 1975). Ova gljiva raste dakle u Jugoslaviji na kritosjemenjačama (*Cistus?*) i na golosjemenjačama (četinjačama — *Juniperus oxycedrus*, *Cupressus sempervirens*). Vjerojatno je češća, ali se zbog sličnosti s rasprostranjenim *Stereum hirsutum* lako previdi.

Ing. Jan Kuthan
Gottwaldova 1127
CS—708 00 Ostrava—Poruba (ČSSR)