

## A New Record for Loose Smut in the Libyan Jamahiriya

ABDULNABI ABUGHNIYA

*Imperata cylindrica* Beauv. is a weed competing with other crops. It is called 'Sbatt' in the Libyan Jamaheria and was found in Tajoura, Gharabouli, Jofra and Ghat.

In spring of 1979, loose smut was observed for the first time on *Imperata cylindrica* Beauv. in Gharabouli agricultural project near a barley field and also in Tajoura. The fungus was identified as *Ustilago imperata* and considered as a new record in the Libyan Jamaheria (1, 2).

### DISCRIPTION OF THE FUNGUS

Sori entirely destroying the infourescence, protected by greyish membrane of host tissue which later flakes away revealing a pulverulnt, black spore masses. No sterile cells observed. Spores spherical with granuler contents, brown to natal brown, 11-17 $\mu$  in diameter with a mean average of 15  $\mu$ . Epispore smooth with thick wall, germination by septate promycelium with lateral sporodia.

### LITERATURE CITED

1. List of plant diseases recorded in Libya. A report presented at FAO Second Session of the Near East Plant Protection Commission in 1965.
2. Mundkur, B. B. and M. J. Thirumalachar, 1952. Ustilaginales of India. The Commonwealth Mycological Institute. Kew, Surry 84p.

تسجيل جديد لمرض التفحم السائب لنبات

السبط بالجمهورية

د. عبد النبي أبو غنية

المستخلص

تم اكتشاف مرض التفحم السائب على نبات السبط خلال فصل الربيع لسنة ١٩٧٩ في مشروع القره بوللى الزراعى وفي منطقة تاجوراء وسجل لأول مرة بالجمهورية وقد درست خواص الكائن المرض المرفولوجية والميكروسكوبية .