

ACTA BIOLOGICA CRACOVIENSIA

Series Botanica

CONTENTS

Volume 64/2, 2022

Original papers

KAROLINA CHOWANIEC, JAKUB STYBURSKI, KAJA ROLA. Importance of the time elapsed from exposure to acute salt stress to the occurrence of rainfall for regeneration of photosynthetic efficiency of Chloro- and Cyanolichens	7
PATRYCJA DZIUROWICZ, PATRYCJA FALOWSKA, KAROLINA WASZKIEWICZ, PAULINA WIETRZYK-PELKA, MICHAL H. WEGRZYN. Changes in photosynthetic activity of the lichen <i>Cladonia mitis</i> and the moss <i>Pleurozium schreberi</i> under artificial high-energy lighting in laboratory conditions	23
ELHAM GHASEMIFAR, GHADER HABIBI, GOLAMREZA BAKHSHI-KHANIKI. Pretreatment with salicylic acid and nitric oxide mitigated silver nanoparticles toxicity and enhanced their removal in medicinal <i>Phlomis tuberosa</i> plants	35
HAKIMEH OLOUMI, ALI ZAMANI, HOSSEIN MOZAFFARI, SEYYED MOHAMMAD JAVAD ARVIN, HASSAN SALARI. Alleviating effect of melatonin on zinc-copper stressed seedlings of hemp (<i>Cannabis sativa</i> L.)	49
ANNA BIENIASZ, MIRELA TULIK. The longest living xylem cells locked in lignified cell walls - the case of xylem parenchyma in European ash (<i>Fraxinus excelsior</i> L.) stems.	65