

ABSTRACTS
OF THE PAPERS PRESENTED AT THE
XII
INTERNATIONAL
BOTANICAL
CONGRESS

JULY 3—10, 1975

I

Jukova L.A., Uranov A.A., Vorontzova L.I., Toropova N.A.,
Schorina N.I., Lomakina G.A., Lenin State Teachers Train-
ing Institute, Moscow, USSR. CRITERIA OF AGE STATES (a.s.)
DISTINGUISHING Individuals (i.) in the coenopopulation
belonged to different a.s. which are distinguished on
the basis of qualitative biomorphological signs. The
foundation of a.s. classification (cl.) was based by Ra-
botnov (1950). Principles of cl. were elaborated by the
group under guidance of A.A. Uranov and were verified on
200 species of plants. The conceptions of "a.s." and "ab-
solute age" are not identical. There are 11 a.s. in the
ontogeny of plants. These signs of i. are used with dis-
tinguishing of a.s.: the way of nutrition (the tie with
semen); the presence of embryo, juvenile or adult struc-
tures and its correlation; the ability for semen produ-
ction and vegetative propagation, its intensity; corre-
lation between new formation and dying. The cl. of a.s.
are used to Angiosperms and perhaps Gymnosperms.