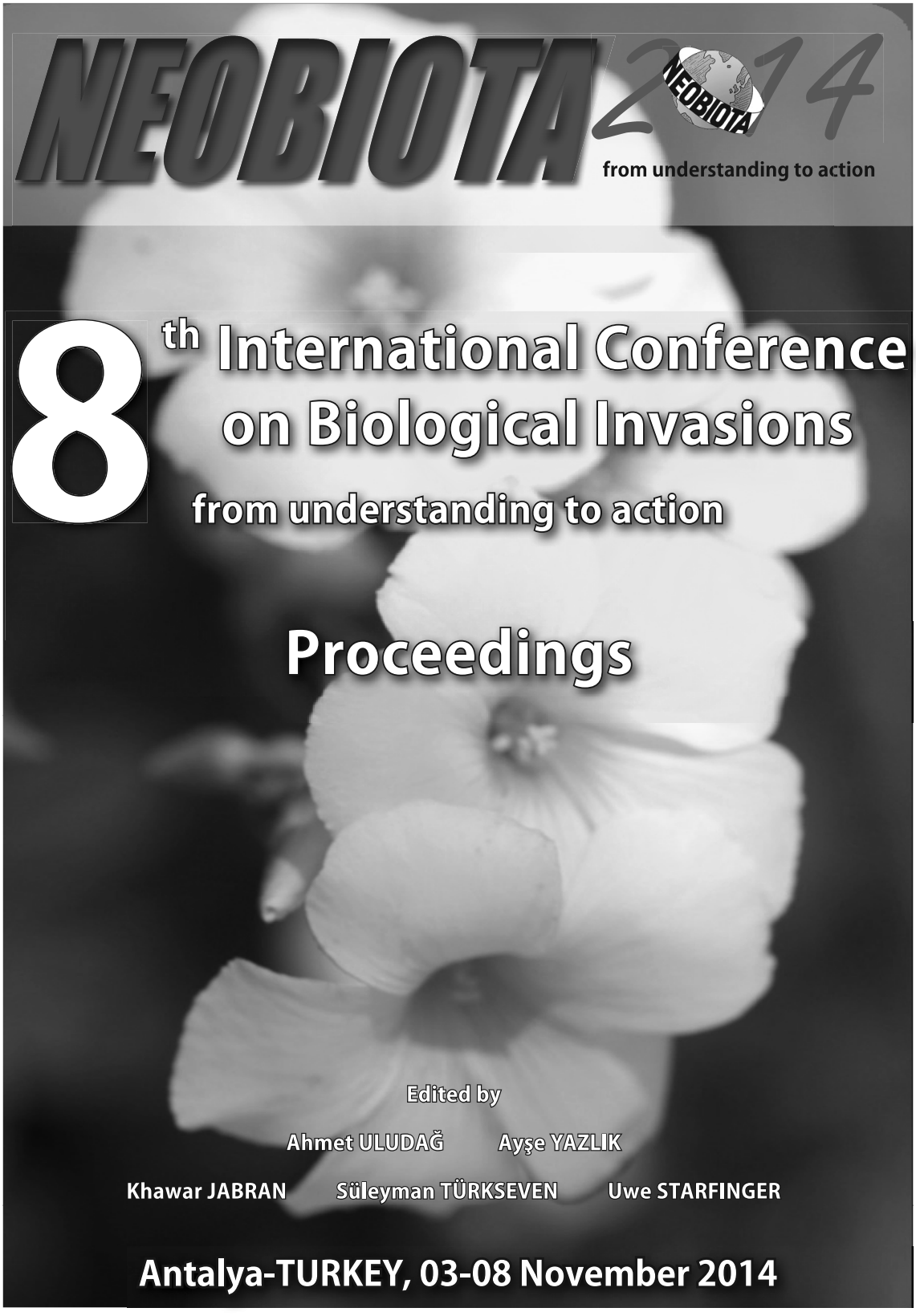

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from understanding to action
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Ahmet ULUDAĞ
Ayşe YAZLIK
Khawar JABRAN
Süleyman TÜRKSEVEN
Uwe STARFINGER
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Alien Plant Species in Citrus Orchards in the Antalya Province of Turkey

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Citrus are among main income sources in the Antalya Province of Turkey. Weed surveys were carried out in order to determine the species, density, coverage and frequency of the weeds in one hundred citrus orchards in 2013. Nine most intense citrus producing districts of the province were selected for surveys, which were conducted mainly orange, lemon, mandarin and grapefruit orchards. As a result of the surveys, a total of 44 weed species belonging to 16 different families were identified. *Portulaca oleracea* L. (Common purslane) and *Cyperus rotundus* L. (Purple nut sedge), both are cryptogenic species, were the most intense species with 16,6 and 8,6 plant/m^2 density respectively. *Xanthium strumarium* L. (Common cocklebur), an alien species, was the most common species in citrus orchards with % 64 observation frequency. *Abutilon theophrasti* Medik. (Velvetleaf), *Amaranthus albus* L. (Tumble pigweed), *Amaranthus retroflexus* L. (Redroot pigweed), *Bromus tectorum* L. (Downy brome), *Chenopodium album* L. (Common lambsquarters), *Conyza canadensis* (L.) Cronq. (Horseweed), *Bidens tripartite* L. (Threelobe beggarticks), *Cynodon dactylon* (L.) Pers. (Bermuda grass) and *Seteria verticillata* (L.) P.Beauv. (Bristly foxtail) were alien species.

Keywords: Citrus, weed, alien, invasive, Antalya