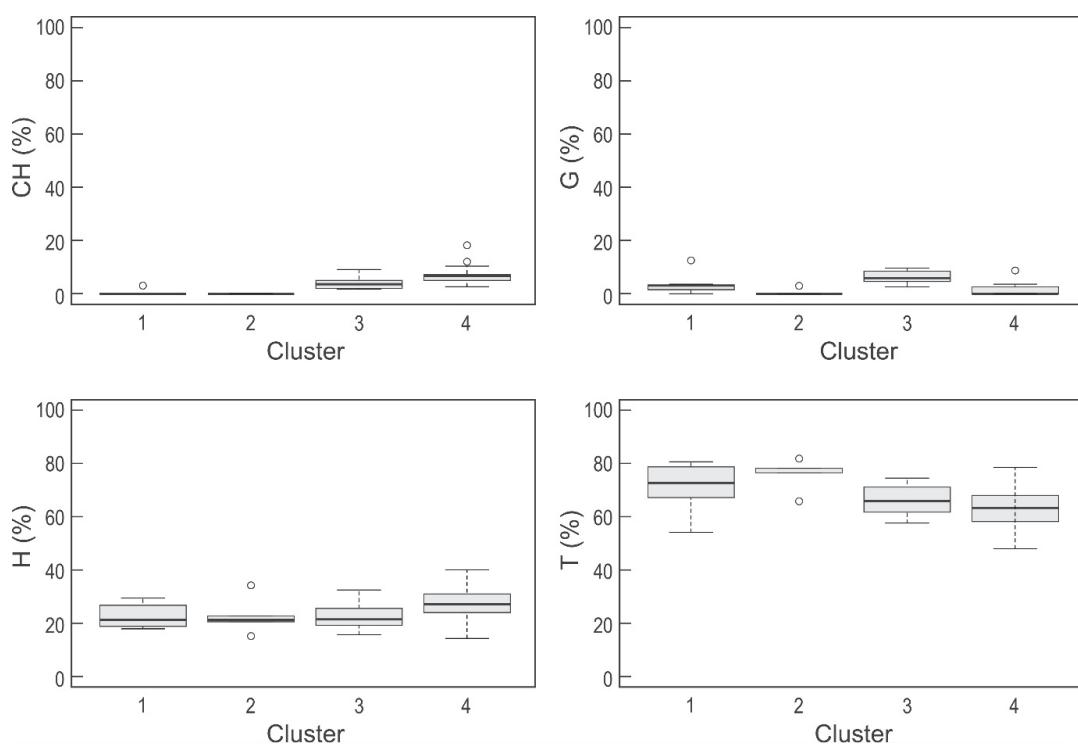


On-line Suppl. Fig. 1. Ordination analysis: NMDS of 154 relevés of sand dune communities and retrodunal dry communities documented at Velika Plaža: 1 – *Cakilo-Xanthietum strumarii*, 2 – *Euphorbio paraliae-Agropyretum junceiformis*, 3 – *Medicagini marinae-Ammophiletum australis*, 4 – *Cutandia maritima* community, 5 – *Euphorbio terracinae-Silenetum nicaeensis*, 6 – *Onobrychido caput-galli-Vulpietum fasciculatae*, 7 – *Junco bufonii-Vulpietum ligisticae*, 8 – *Tuberario guttatae-Avellinetum festucoidis*, 9 – *Helianthemo jonii-Artemisietum campestris asphodeletosum ramosi*, 10 – *Helianthemo jonii-Artemisietum campestris typicum*, 11 – *Aristida oligantha* comm. Stress value: 0.11.



On-line Suppl. Fig. 2. Contribution of life forms in the clusters (communities): 1 – *Junco bufonii-Vulpietum ligisticae*, 2 – *Tuberario guttatae-Avellinetum festucoidis*, 3 – *Helianthemo jonii-Artemisietum campestris asphodeletosum ramosi*, 4 – *Helianthemo jonii-Artemisietum campestris typicum*. CH – chamaephyta, G – geophyta, H – hemicryptophyta; T – therophyta.



On-line Suppl. Fig. 3. Dry grasslands in the hinterland of Velika Plaža (Ulcinj): A – *Junco bufonii-Vulpietum ligusticae*, B – *Tuberario guttatae-Avellinietum festucoidis*, C – *Helianthemo jonii-Artemisieturn campestris typicum*, D – *Helianthemo jonii-Artemisieturn campestris asphodeletosum ramosi* (end of March to the beginning of April 2021), E – *Helianthemo jonii-Artemisieturn campestris asphodeletosum ramosi* (June 2021). (photo: A, C-E – Danijela Stešević, B – Đorđije Milanović).



On-line Suppl. Fig. 4. Distribution of the relevés of novel dry grassland communities in the hinterland of Velika Plaža (derived and adapted from Google earth).