

## The *Artemisietum Salsolosum* formation group at the SiyazanNeft NQCI mine

Elshad Gurbanov<sup>1</sup>, Sanubar Aslanova<sup>2</sup>, Shahin Ibrahimov<sup>3</sup>

<sup>1,3</sup>Faculty of Biology, Baku State University, Azerbaijan

<sup>2</sup>Faculty of Chemistry and Biology, Azerbaijan State Pedagogical University, Azerbaijan

[aslanova17.02@mail.ru](mailto:aslanova17.02@mail.ru)

**Abstract** – The vegetation of this formation is spread in the Gilgilchay basin (around the oil wells) where SiyazanNeft's mine No. 2 is located.

Phytocenosis includes 16 species; 2 species (12.5%) shrub, 1 species (6.3%) semi-shrub, 1 species (6.3%) small shrub, 6 species (37.5%) perennial, 2 species (12.4%) are biennial and 4 species (25.0%) annual herbaceous plants. According to ecological analyzes, 6 species (37.5%) are xerophytes, 7 species (43.8%) are mesoxerophytes, 2 species (12.4%) are mesophytes and 1 species *Petrosimonia brachiata* (Pall.) (6.3%) are halophytes.

The dominant *Salsola dendroides* abundance of the formation is 3-4 points, and the subdominant *Artemisia lerchiana* abundance is 2 points.

According to its structure, *Tamarix ramosissima* is in the first floor of *Nitraria shoberi* phytocenosis; At II level - *Salsola dendroides* (C.A.Mey.) Mog, *S. ericoides* Bieb, *Elytrigia elangata* (Rest) Nevski., *Alhagi pseudoalhagi* (Bieb.) Desv., *Limonium meyeri* (Boiss.), *Medicago coerulea* Less& Lebed. ; III. on the floor - *Artemisia lerchiana* Web., *Eremopyrum elangata* (Rest) Nevski., *Melilotus albus* Medik., *Petrosimonia brachiata* (Pall.), *Eremopyrum orientale* (Gaerth.) Nevski., *Lolium rigidum* Gauntin, *Xanthium spinosum* L. are annual plants.

Total project coverage equals 30-50%. The lands where the vegetation is spread are polluted with small amounts of oil.

**Keywords** – *Xerophyte, Phytocenosis, Shrub, Mesoxerophyte, Mesophyte, Halophyte.*