

***Petrosimonieta brachiatae* and *Suaedeta confusae* formations distributed in the territory of Azerbaijan**

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Abstract – *Petrosimonieta brachiatae* and *Suaedeta confusae* formations are common in a wide area of Kura-Araz plain. They are mainly distributed in salty and saline soils.

Dominant of the *Petrosimonieta brachiatae* Formation - (*Petrosimonia brachiata* (Pall.) Bunge - It is an annual plant branched from the base, 5-40 cm high, first hairy, then bare.

The formation is represented by 7 associations:

- 1) *Petrosimonia brachiata*;
- 2) *Petrosimonia brachiata*–*Salsola dendroides*;
- 3) *Petrosimonia brachiata*+*Climacoptera crassa*;
- 4) *Petrosimonia brachiata*+*Suaeda confusa*;
- 5) *Petrosimonia brachiata*-*Ceratocarpus arenarius*;
- 6) *Petrosimonia brachiata*-*Halanthium rariphlorum*;
- 7) *Petrosimonia brachiata*+*Atriplex tatarica*+ *Salicornia europaea*.

Petrosimonieta brachiatae, the dominant species of the formation, is present in all groups of annual deserts. The species composition consists of 18 plants, the project cover is 40-50%.

***Suaeda confusa* Iljin**, the dominant of the *Suaedeta confusae* Formation, is a 10-40 (50 cm) tall, bluish, glabrous annual plant branched from the base.

The formation is represented by 3 associations:

- a) *Suaeda confusoso*+*Salicornia europaea*;
- b) *Suaeda confusa*;
- c) *Suaeda confusa*+ *Suaeda microphylla*

Up to 16 plants are involved in the floristic composition of the cenozoum. The total project coverage is 40-50%.

Keywords – Saline, Dominant, Formation, Association, Desert