

Botany

New Records of Fungi from Vashlovani State Nature Reserve (East Georgia)

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ABSTRACT. The article contains brief information on mycological research conducted at Vashlovani State Nature Reserve. Three genera (*Coniochaeta*, *Griphosphaeria*, *Amerosporium*) and 37 species of micromycetes new for Georgian mycobiota were identified. © 2007 Bull. Georg. Natl. Acad. Sci.

Key words: mycobiota, micromycetes, Vashlovani Reserve, Georgia.

Despite a fairly long history of the studies of the Georgian mycobiota, new genera and species of fungi are still identified in various regions, especially in reserves where natural landscapes and vegetation are relatively well preserved, which is important in terms of studies of the Georgian mycobiota diversity.

Over 500 species of micromycetes were revealed as a result of studies of Vashlovani Reserve vegetation ceonoses in 1988-1991. Some new data concerning mycobiotic complexes associated with *Pistacia mutica* Fisch. & C. A. Mey. have already been published [1].

The following additional contribution to the fungal diversity of Georgia contains brief data on new species of Ascomycotina and Deuteromycotina:

Ascomycotina

Diatrypales

Eutypa alsophila (Dur. & Mont.) Sacc. [2].

- *Salsola dendroides* Pall., on dry stems, Lekistskali.

Dothideales

Cucurbitaria rufo-fusca (Fr.) de Not. [2].

- *Berberis iberica* Stev. & Fisch. ex DC., on dry branches, Pantishara gorge.

Hysterographium grammoides (de Not.) Sacc. f. minor [2].

- *Cotynus coggygria* Scop., on dry branches, Pantishara gorge.

Leptosphaeria tamaricis (Grew.) Sacc. [2].

- *Tamarix ramosissima* Ledeb., on branches, Lekistskali.

Lophiostoma ephedrae Hollos [2].

- *Ephedra procera* Fisch. & C.A. Mey., on dry branches, Lekistskali.

Lophiostoma stuartii H. Fab. [2].

- *Stachys fruticulosa* Bieb., on dry stems, Lekistskali.

Platystomum cotini (Fabr.) Lind. [2].

- *Cotinus coggygria* Scop., on dry branches, Pantishara gorge.

Pleospora asplenii Ziling [2].

- *Phlomis pungens* Willd., on dry stems, Lekistskali.

Pleospora daucina Sacc. [2].

- *Salsola dendroides* Pall., on dry stems, Eldari lowland.

Pleospora mesopotamica Bubak [2].

- *Ephedra procera* Fisch. & C.A. Mey., on dry branches, Mjinskure.

Pleospora oligomera Sacc. & Sp. [2].

- *Salsola dendroides* Pall., on dry stems, Eldari lowland. - *Suaeda dendroides* (C. A. Mey.) Moq., on dry stems, Khumroskhevi. - *Suaeda microphylla* Pall., on dry stems, Lekistskali.

Pleospora sclerotoides Speg. [2].

- *Populus euphratica* Olivier, on dry branches, Datviskhevi.

Pleospora pentamera Karsten [2].

- *Agropyron pectinatum* (Bieb.) Beauw., on stems, Lekistskali.

Pleospora refracta (Kalchbr. & Cooke) Sacc. [2].

- *Artemisia scoparia* Waldst. & Kit., on stems, Eldari lowland.
Pyrenophora setigera (Niessl.) Sacc. [2].
 - *Ziziphora serpyllacea* Bieb., on dry branches, Khumroskhevi.
 Sphaeriales
Coniochaeta ligniaria (Grev.) Masee [3].
 - On woody plant, Lekistskali.
Griphosphaeria corticola (Fuckel) Huhnel [2].
 - *Rosa canina* L., on dry branches, Pantishara gorge.
 Deuteromycotina
 Hyphomycetes
Alternaria ramulosa (Sacc.) Joly [4].
 - *Cirsium incanum* Fisch., on stems, Lekistskali.
Stachybotrys sansevieriae G.P. Agarwal & N.D. Sharma [4].
 - *Lonicera iberica* Bieb., on branches, Datviskhevi.
 - *Rumex crispus* L., on dry branches, Pantishara gorge.
Trimmatostroma scutellare (Berk. & Bromme) M.B.Ellis [4].
 - *Juniperus rufescens* Link., on fruits, Datviskhevi.
 Coelomycetes
Amerosporium concinnum Petrak [5].
 - *Alhagi pseudalhagi* (Bieb.) Fisch., on stems, Pantishara gorge. - *Ziziphora serpyllacea* Bieb., on branches, Khumroskhevi.
Camarosporium affine (Sacc.) Bomm. & Rouss. [2].
 - *Artemisia scoparia* Waldst. & Kit., on dry stems, Eldari lowland.
Camarosporium halimi Maubl. [2].
 - *Anabasis aphylla* L., on dry stems, Eldari lowland.
Camarosporium hollosii Sacc. & Trott. [2].
 - *Elaeagnus angustifolia* L., on dry branches, Pantishara gorge.
Camarosporium obiones Jaap. [6].
 - *Kochia prostrata* (L.) Schrad., on dry stems, Pantishara gorge.
Camarosporium sarcinula Sacc. & Berl. [2].
 - *Aellenia glauca* (Bieb.) Aell., on dry stems, Khumroskhevi. - *Kalidium caspicum* (L.) Ung.-Sternb., on stems, Lekistskali. - *Kochia prostrata* (L.) Schrad., on stems, Chighontkhevi.
Coniothyrium tamaricellum Brun. [2].
 - *Tamarix ramosissima* Ledeb., on branches, Khumroskhevi.
Cytosporaella scheidweileri (West.) Sacc. [2].
 - *Cotinus coggygria* Scop., on dry branches, Pantishara gorge.
Fusicoccum shulzeri Sacc. [2].
 - *Rosa canina* L., on branches, Pantishara gorge.
Hendersonia celtidis-australis Scalia [2].
 - *Celtis caucasica* Willd., on dry branches, Datviskhevi.
Hendersonia melicicola Speng. [2].
 - *Asparagus verticillatum* L., on dry stems, Lekistskali.
Hendersonia vulgaris Desm. [6].
 - *Populus euphratica* Olivier, on dry branches, Datviskhevi.
Microdiplodia granati M. Bond. [7].
 - *Punica granatum* L., on dry branches, Lekistskali.
Phoma cyclospora Sacc. [8].
 - *Euphorbia seguierana* Neck., on stems, Eldari lowland.
Phoma ragusaea Jaap [2].
 - *Eremostachys iberica* Vis., on stems, Lekistskali.
Phoma vulgaris Sacc. [8].
 - *Clematis orientalis* L., on stems, Pantishara gorge.
Rhabdospora cirsii Karst. [2].
 - *Eremopyrum orientale* (L.) Jaub. & Spach., on stems, Lekistskali.

ბოტანიკა

ახალი მონაცემები ფაუნის სახელმწიფო ნაკრძალის (აღმოსავლეთ საქართველო) სოკოების შესახებ

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ნ. კეცხოველის ბოტანიკის ინსტიტუტი, თბილისი

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