SOME ADDITIONS TO THE LIST OF PLANTS OF DODA DISTRICT OF JAMMU & KASHMIR

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ABSTRACT

The paper lists an additional 56 species of flowering plants for Doda district of Jammu & Kashmir. The collection pertain to the Bhaderwah proper and its outskirts forming the part of Bhaderwah tehsil.

Though references to the plants of the Doda district of Jammu & Kashmir have been made by Hooker (1872-97), Blatter (1927-29), Rao (1960) and Sarin (1965), it was not until Kapoor (1968) seriously undertook to bring on record a large collection of plants of this district that a reasonable account of the plants of the area was available. However, much remains to be done in this difficult terrain over which the district extends. A realization of this fact led to the present exploration. In the first instance Bhaderwah and its outskirts have been surveyed and as a result nearly 420 species of flowering plants have been collected. Of these, only those which are hitherto not recorded from Doda district are being enumerated in the present communication.

Bhaderwah, which forms one of the four tehsils of Doda district (the other three being Ramban, Kishtwar and Doda), is situated at the base of thickly vegetated lofty mountains surrounding it on all sides. The valley is nearly V-shaped having a rolling slope and extends about 10 km in length and 3 km in breadth. The lower levels are dominated by Oaks, Deodars and several deciduous elements, while higher up Pines are more common. The alpine ranges covered with green meadows mostly comprising *Sieversia alata* Royle, *Potentilla* sp., *Anaphalis cuneifolia* Hook. f. etc. The area in general is dominated by the members of Ranunculaceae, Cruciferae and Compositae. The explorations were made mostly from Soij, Pedri, Jai, Sartthal, Panaja, Daraja, Sartangal, Gupt Ganga side and other regions on outskirts of Bhaderwah proper.

The voucher specimens of the plants enumerated below are deposited in the Herbarium of Botany Department, Kashmir University, Srinagar.

**ENUMERATION**

*A. victorialis* Linn.
Ram Tund: Sona Bani mountain (No. 236).

*Anaphalis cuneifolia* Hook. f.
Near Soij (No. 294), Kailash mountains (No. 144).

*A. lappa* Linn.
Bhaderwah proper (No. 373), near Gupt Ganga (No. 580).

*Arabidopsis thaliana* (Hook. f. & T.) Busch
Near Chatergall (No. 174), Bhaderwah proper (No. 38).

*Artemisia amygdalina* Decne.
Bhaderwah forest (No. 510).

*Barbara vulgaris* R. Br.
Near Gupt Ganga (No. 411).

*Carex nigra* Boott var. *griffithii* (Bolton) Koyama
Near Soij (No. 310), Kailash mountains (No. 313).

*Cardamine hirsuta* Linn.
Bhaderwah proper (No. 377), Main Nagar (No. 326).

*Cardamine hirsuta* Linn. subsp. *imaicola* (Aschers & Magn.) Kitamura
Near Pedri (No. 516).

*Coronopus didymus* (Linn.) Smith
Main Nagar (No. 421).

*Corydalis diphylla* Sibth.
Bhaderwah forest (No. 442).

*Cyperus serotinus* Roth.
Bhaderwah proper (No. 493), Main Nagar (No. 445).

*Delphinium vestitum* Wall.
Near Soij (No. 145).

*Eleusine indica* (Linn.) Gaertn.
Main Nagar (No. 321), Bhaderwah proper (No. 326).

*Foeniculum vulgare* Mill.
Bhaderwah proper (No. 464).

*Galium verum* Linn.
Bhaderwah forest (No. 482).
Gentiana venusta Wall.
Near Soij (No. 247), Kailash mountains (No. 137).

G. tenella Fries
Between Soij and Pedri (No. 59).

Gypsophila cerastoides Don
Between Soij and Pedri (No. 86).

Imperata cylindrica (Linn.) P. Beauv.
Bhaderwah proper (No. 29).

Juncus arcticus Linn.
Bhaderwah proper (No. 552).

J. membranaceus Royle ex Don
Near Soij (No. 487).

Lactuca dissecta Don
Between Shishina and Sartangal (No. 519).

Lamium album Linn.
Near Pedri (No. 26).

Lathyrus aphaca Linn.
Main Nagar (No. 460).

Lepidium ruderale Linn.
Bhaderwah proper (No. 435).

Lychnis coronaria (Linn.) Desr.
Dharaja (No. 462).

Lythrum salicaria Linn.
Sartangal (No. 437).

Macrotonia henthami DC.
Pedri (No. 158).

Medicago polymorpha Linn.
Main Nagar (No. 206).

Myosotis caespitosa Schultz.
Sartangal (No. 80), Ghata (No. 103).

Myriactis nepalensis Less.
Near Soij (No. 51).

Oenothera drummondii Hook.
Bhaderwah proper (No. 479).

Phlomis bracteosa Royle ex Benth.
Below Soij (No. 108).

Polygonum delicatulum Meissn.
Near Soij (No. 270).

P. dumetorum Linn.
Main Nagar (No. 340).

P. nepalensis Meissn.
Bhaderwah proper (No. 495).

Potentilla ambiguа Camb.
Kailash mountains (No. 511).

P. atrosanguinea Lodd ex Don
Between Pedri and Soij (No. 217).

Ranunculus muricatus Linn.
Main Nagar (No. 209).

Saxifraga bicruscus Linn.
Near Soij (No. 535), Kailash mountains (No. 519).

Sedum tibeticum Hook. f. & T.
Near Soij (No. 245).

S. trilipetala Hook. f. & T.
Near Soij (No. 525), Kailash mountains (No. 222).

Scirpus juncoides Roxb.
Main Nagar (No. 530).

Sieversia elata Royce
Near Pedri (No. 73).

Spergula arvensis Linn.
Bhaderwah proper (No. 523).

Stachys floscncus Benth.
Bhaderwah forest (No. 499).

Swertia pectinata Royce
Below Pedri (No. 117).

Thlaspi cardiocarpum Hook. f. & T.
Main Nagar (No. 162).

Tulipa clusiana var. stellata Rgl.
Bhaderwah proper (No. 333).

Veronica persica Poir.
Main Nagar (No. 216).

V. salica Schur.
Main Nagar (No. 502).

Youngia japonica (Linn.) DC.
Main Nagar (No. 207).

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