Vegetation Database of Iran

Alireza Naqinezhad

Abstract: Iran is a large country with a total surface of 1,648,000 km² and altitude ranging from 25 m b.s.l. along the Caspian Lowlands to 5,774 m a.s.l. on Mt. Damavand. The climatic conditions within the country are very diverse with a climate ranging from less than 100 mm mean annual precipitation in the central deserts of Iran up to more than 2,000 mm in the north of Iran. The climate contrasts together with different geological substrates across the country providing various habitats and vegetation structures. By now, there is no comprehensive vegetation database dealing with all regions of Iran. There is only scattered vegetation information mainly for the forest areas and the halophytic vegetation. The mountain steppes, wetlands and Zagros Mountains remain still unknown. The Vegetation Database of Iran (GIVD ID AS-IR-001) has been planned for collecting all available literature on Iranian vegetation and continues future input to the database.

Keywords: Alborz; Caspian; Hyrcanian forest; relevé.

Vegetation Database of Iran

Scope: This database includes the large plot data from different parts of Iran, mainly Hyrcanian forests and mountain vegetation. It will be further extended to other parts of Iran.

Status: emerging

Period: 1930-2012

Database manager(s): Alireza Naqinezhad (a.naqinezhad@umz.ac.ir)

Owner: Alireza Naqinezhad (private)

Web address: [NA]

Availability: after blocking period

Online upload: no

Online search: no

Database format(s): Excel

Export format(s): Excel

Plot type(s): normal plots

Plot-size range: 1-400 m²

Non-overlapping plots: 2,000

Estimate of existing plots: [NA]

Completeness: [NA]

Total plot observations: 2,000

Number of sources: [NA]

Valid taxa: 400

Countries: IR: 100.0%

Forest: [NA] — Non-forest: [NA]

Guilds: all vascular plants: 100%

Environmental data: [NA]

Performance measure(s): [NA]

Geographic localisation: [NA]

Sampling periods: [NA]

Information as of 2012-07-12; further details and future updates available from http://www.givd.info/ID/AS-IR-001

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