

Check-list of the bryophytes collected during Iter Mediterraneum II

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The list of mosses and liverworts collected occasionally by some members of the Iter Mediterraneum II in Israel is given below. The listed specimens are deposited at the Herbarium of the Hebrew University of Jerusalem (HUJ). Numbers refer to collection sites as indicated by A. Danin in the Report on Iter Mediterraneum II (Bocconeia 3: 5-17).

Aloina aloides (K. F. Schultz) Kindb.

Negev Highlands: Makhtesh Ramon, Karnei Ramon. Basalt outcrops and a few other substrata, 34°40'00"E-30°30'20"N. 770 m, 27.03.1989, 19.000.

Aloina bifrons (De Notaris) Delgadillo

Northern Negev: sands of Nahal Sekher, 15 km S of Beer Sheva. Loessial stable sandy soil, *Noaetum mucronatae*, 34°49'20"E-31°06'00"N. 330 m, 26.03.1989, 16.000; **Negev Highlands:** Makhtesh Ramon, Karnei Ramon. Basalt outcrops and a few other substrata, 34°40'00"E-30°30'20"N. 770 m, 27.03.1989, 19.000.

Barbula acuta (Bridel) Bridel

Golan: Har Shipon. Volcanic ash, 35°45'50"E-33°04'17"N. 740 m, 4.4.1989, 46.000.

Barbula cylindrica (Tayl.) Schimp.

Upper Galilee: near Sasa. Muddy soil at the margins of a vernal pool, 35°23'20"E-33°04'15"N. 810 m, 5.4.89, 52.000.

Barbula imbricata Herrnstadt & Heyn

Negev Highlands: 2 km NW of Yerokham. Smooth-faced limestone outcrops and wadis, 34°54'30"E-31°00'05"N. 330 m, 26.3.1989, 17.000.

Bryum argenteum Hedwig

Golan: Har Shipon. Volcanic ash, 35°45'50"E-33°04'17"N. 740 m, 4.4.1989, 46.000.

Bryum bicolor Dicks.

Negev Highlands: Makhtesh Ramon, Karnei Ramon. Basalt outcrops and a few other substrata, 34°40'00"E-30°30'20"N. 770 m, 27.03.1989, 19.000.

Bryum aff. *bicolor* Dicks.

Negev Highlands: Nahal Elot. Slopes, cliffs and wadis, 34°36'30"E-30°32'01"N. 920-980 m, 27.3.1989, 21.000.

This collection resembles *Brachymenium exile* (Doz. & Molk.) Bosch. & Lac. but sporophytes are needed for final identification (see comment under *Brachymenium exile* in Brullo et al. 1991 in *Candollea* 46: 148).

Bryum cf. *canariense* Bridel

Golan: Odem Forest, near Masa'ada. Shallow soil on basalt. 35°45'15"E-33°13'00"N. 1010 m, 4.4.89, 48.000.

Bryum donianum Grev.

Golan: near the ancient synagogue of Qazrin. Protogrumusol on basalt, 35°42'32"E-32°59'10"N. 350 m, 3.4.89, 44.000.

Bryum dunense A. J. E. Sm. & Whiteh.

Golan: Har Shipon. Volcanic ash, 35°45'50"E-33°04'17"N. 740 m, 4.4.1989, 46.000.

Bryum gemmiparum De Notaris

Golan: near the ancient synagogue of Qazrin. Protogrumusol on basalt, 35°42'32"E-32°59'10"N. 350 m, 3.4.89, 44.000.

Bryum torquescens De Notaris

Philistean Plain: 1 km S of Ashdod. Stable sand dunes, 34°40'02"E-31°46'50"N. 20 m, 21.3.1989, 4.000; Golan: 5 km E of Almagor. Pseudosavanna of *Ziziphus spina-christi* accompanied by annuals. Protogrumusol on basalt. 35°39'30"E-32°54'30"N. (-) 40 m, 3.4.89, 42.000.

Cinclidotus mucronatus (Bridel) Mach.

Golan: near the ancient synagogue of Qazrin. Protogrumusol on basalt, 35°42'32"E-32°59'10"N. 350 m, 3.4.89, 44.000.

Crossidium crassinerve (De Notaris) Jur., var. *crassinerve*

Negev Highlands: Makhtesh Ramon, Karnei Ramon. Basalt outcrops and a few other substrata, 34°40'00"E-30°30'20"N. 770 m, 27.03.1989, 19.000.

Crossidium squamiferum (Viv.) Jur., var. *squamiferum*

Negev Highlands: Nahal Elot. Slopes, cliffs and wadis, 34°36'30"E-30°32'01"N. 920-980 m, 27.3.1989, 21.000.

Enthostodon pallescens Jur.

Mt. Hermon: lower teliferique. Slopes of hard karstic Jurassic limestones, 35°46'20"E-33°17'30"N. 1690 m, 4.4.89, 49.000.

Funaria hygrometrica Hedwig

Golan: Har Shipon. Volcanic ash, 35°45'50"E-33°04'17"N. 740 m, 4.4.1989, 46.000.

Funaria pulchella Philib.

Kinnrot Valley (Upper Jordan Valley): 2 km NE of Kibbutz HaOn. Steep limestone and sandstone slopes, 35°38'30"E-32°44'00"N. (-)150 m, 2.4.89, 39.000.

Grimmia pulvinata (Hedwig) Sm.

Golan: near the ancient synagogue of Qazrin. Protogrumusol on basalt, 35°42'32"E-32°59'10"N. 350 m, 3.4.89, 44.000; **Golan:** Odem Forest, near Masa'ada. Shallow soil on basalt. 35°45'15"E-33°13'00"N. 1010 m, 4.4.89, 48.000.

Grimmia trichophylla Grev.

Golan: near the ancient synagogue of Qazrin. Protogrumusol on basalt, 35°42'32"E-32°59'10"N. 350 m, 3.4.89, 44.000.

Grimmia laevigata (Bridel) Bridel

Golan: Har Shipon. Volcanic ash, 35°45'50"E-33°04'17"N. 740 m, 4.4.1989, 46.000.

Homalothecium aureum (Spruce) Robinson

Golan: Odem Forest, near Masa'ada. Shallow soil on basalt. 35°45'15"E-33°13'00"N.
1010 m, 4.4.89, 48.000.

Homalothecium cf. *lutescens* (Hedwig) Robinson

Golan: Odem Forest, near Masa'ada. Shallow soil on basalt. 35°45'15"E-33°13'00"N.
1010 m, 4.4.89, 48.000.

Leptodon smithii (Hedwig) Weber & Mohr

Golan: Odem Forest, near Masa'ada. Shallow soil on basalt. 35°45'15"E-33°13'00"N.
1010 m, 4.4.89, 48.000.

Lunularia cruciata (L.) Dum.

Upper Galilee: near Sasa. Muddy soil at the margins of a vernal pool, 35°23'20"E-
33°04'15"N. 810 m, 5.4.89, 52.000.

Orthotrichum diaphanum Bridel

Judean Mts: Kiryat Anavim, 10 km W of Jerusalem. Limestone hill, Terra Rossa, a
Pine forest that was burnt viii/1987, 35°07'51"E-31°48'50"N. 750 m, 24.3.1989, 14.000.

Orthotrichum rupestre Schwaegr.

Golan: Odem Forest, near Masa'ada. Shallow soil on basalt. 35°45'15"E-33°13'00"N.
1010 m, 4.4.89, 48.000.

Orthotrichum striatum Hedwig

Golan: Odem Forest, near Masa'ada. Shallow soil on basalt. 35°45'15"E-33°13'00"N.
1010 m, 4.4.89, 48.000.

Pottia intermedia (Turner) Fűrnr.

Lower Jordan Vally: 2.5 km SSE of Pzael, 16 km N of Jericho. Deep alluvial salty
soil, reserve of *Salvadora persica*, 35°27'05"E-32°01'00"N. (-)280 m, 23.3.1989, 10.000.

Pterygoneurum subsessile (Bridel) Jur.

Northern Negev: sands of Nahal Sekher, 15 km S of Beer Sheva. Loessial stable sandy
soil, *Noaetum mucronatae*, 34°49'20"E-31°06'00"N. 330 m, 26.03.1989, 16.000.

Scleropodium touretii (Bridel) L. Koch

Upper Galilee: near Sasa. Muddy soil at the margins of a vernal pool, 35°23'20"E-33°04'15"N. 810 m, 5.4.89, 52.000.

Scleropodium touretii (Bridel) L. Koch

Golan: Odem Forest, near Masa'ada. Shallow soil on basalt. 35°45'15"E-33°13'00"N. 1010 m, 4.4.89, 48.000.

Targionia hypophylla L.

Negev Highlands: 2 km NW of Yerokham. Smooth-faced limestone outcrops and wadis, 34°54'30"E-31°00'05"N. 330 m, 26.3.1989, 17.000.

Tortella nitida (Lindb.) Broth.

Coastal Galilee: coast of Rosh HaNiqra. Hard calcareous sandstone (kurkar), gravels and sandy soil in the sea-spray zone, 35°05'07"E-33°05'30"N. 10 m, 5.4.89, 54.000.

Tortula atrovirens (Sm.) Lindb.

Negev Highlands: Makhtesh Ramon, Karnei Ramon. Basalt outcrops and a few other subsrata, 34°40'00"E-30°30'20"N. 770 m, 27.03.1989, 19.000.

Tortula brevissima Schiffn.

Northern Negev: sands of Nahal Sekher, 15 km S of Beer Sheva. Loessial stable sandy soil, *Noaetum mucronatae*, 34°49'20"E-31°06'00"N. 330 m, 26.03.1989, 16.000; Negev Highlands: Makhtesh Ramon, Karnei Ramon. Basalt outcrops and a few other subsrata, 34°40'00"E-30°30'20"N. 770 m, 27.03.1989, 19.000.

Tortula inermis (Bridel) Montagne

Golan: Odem Forest, near Masa'ada. Shallow soil on basalt. 35°45'15"E-33°13'00"N. 1010 m, 4.4.89, 48.000.

Tortula intermedia (Bridel) De Notaris

Golan: Odem Forest, near Masa'ada. Shallow soil on basalt. 35°45'15"E-33°13'00"N. 1010 m, 4.4.89, 48.000.

Tortula muralis Hedwig

Golan: near the ancient synagogue of Qazrin. Protogrumusol on basalt, 35°42'32"E-32°59'10"N. 350 m, 3.4.89, 44.000.

Trichostomopsis aaronis (Lor.) Agnew & Townsend

Negev Highlands: Makhtesh Ramon, Karnei Ramon. Basalt outcrops and a few other substrata, 34°40'00"E-30°30'20"N. 770 m, 27.03.1989, 19.000.

Weissia condensa (Voit) Lindb.

Negev Highlands: 2 km NW of Yerokham. Smooth-faced limestone outcrops and wadis, 34°54'30"E-31°00'05"N. 330 m, 26.3.1989, 17.000.

Weissia controversa Hedwig

Coastal Galilee: coast of Rosh HaNiqra. Hard calcareous sandstone (kurkar), gravels and sandy soil in the sea-spray zone, 35°05'07"E-33°05'30"N. 10 m, 5.4.89, 54.000.

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