

Accessions to the Botanical Museum of the Finnish Museum of Natural History, University of Helsinki, in 2007

Pertti Uotila & Mikko Piirainen

Uotila, P., Botanical Museum, P. O. Box 7, FI-00014 University of Helsinki, Finland
Piirainen, M., Botanical Museum, P. O. Box 7, FI-00014 University of Helsinki, Finland

The herbarium accessions amount to 19,878 specimens, including 5,510 specimens of vascular plants, 2,767 specimens of bryophytes and algae, 11,566 specimens of fungi (incl. lichens), and 35 specimens of zooecidia. Some details of noteworthy accessions are given here.

The accessions comprise 19,878 specimens incorporated in the Botanical Museum of the Finnish Museum of Natural History, University of Helsinki (acronym H) in 2007 (5,510 specimens in the Phanerogams Division, 2,767 specimens in the Cryptogams Division and 11,566 specimens in the Mycology Division).

The material has been received from the staff of the Museum and of other institutions, and as donations from private persons, or their reliquia (marked “reliq.”). The Botanical Museum offers the sincerest thanks to all donors. A considerable number of specimens has been obtained by exchange (“e”). Some material has been purchased. The total number of specimens in the systematic collections of H at the end of 2007 was 3,158,001; 1,657,381 of them are spermatophytes, 90,505 pteridophytes, 2,311 zooecidia, 599,497 bryophytes, 21,900 algae, 399,910 lichenized fungi and 386,497 non-lichenized fungi (including bacteria and viruses).

Some details of the most noteworthy accessions are given below. The italicised abbreviations *Al*, *Ab*, *N*, etc. in the lists refer to the biogeographic provinces of East Fennoscandia (map in Uotila et al., *Memoranda Soc. Fauna Flora Fennica* 77:14. 2001) and *Ög*, *Upl*, *Tr*, *VFi* etc. to the biogeographic provinces of Sweden and Norway (map in

the back cover of Jonsell, B., ed., *Flora Nordica*. 2000–). Abbreviations in capital letters used for the herbaria are according to Index Herbariorum, I: The Herbaria of the World (<http://sciweb.nybg.org/science2/IndexHerbariorum.asp>).

Among the accessions the various systematic groups are represented as follows:

	East Fenno- scandian Herbaria	General Herbaria	Total
Phanerogams Division			
Pteridophytes	100	16	116
Spermatophytes	3,091	2,303	5,394
Zooecidia	35	0	35
Cryptogams Division			
Bryophytes	906	1,740	2,646
Algae	117	4	121
Mycology Division			
Lichenized fungi	555	1,488	2,043
Non-lichenized fungi	8,962	561	9,523
Total	13,766	6,112	19,878

Phanerogams Division

East Fennoscandian Herbarium

148; Alanko, P. – 206, *Al*; Hæggström, C.-A. – 663; Helsinki, HSI. – 179, mainly *Ta*; Kääntönen, M. – 74, Kämäräinen, H. – 50, Russia (*Kon, Kton, Kpoc, Kpor*); Kravchenko, A. – 83, Russia (*Kl, Kol, Kon*), Pankakoski, A. (reliq.). – 83, *Ta*; Ranta, Y. – 55, Räsänen, J. – 220, mainly *St, Oa*; Suominen, J. – 1004, Russia (mainly *Kon, Kpoc, Kpor, Kk*); Uotila, P. – 102, mainly *EnL, InL*; Väre, H.

Smaller numbers of specimens have been received from: Ahokas, H.; Ahti, T.; Ala-Risku, R.; Alén, H.; Grönholm, L.; Gudmundson, H.; Haikonen, V.; Harjunmaa, S.; Havia, P.; Heiskari, I.; Järvinen, V.; Junikka, L.; Kalliola, R. (reliq.); Kettunen, T.; Koskela, H.; Kulmala, H.; Kutenkov, S.; Kuznetsov, O.; Lehtinen, S.; Lehtonen, S.; Lindholm, T.; Lindroos, P.; Maksimov, A.; Metsikkö, E. (reliq.); Näre, E.; Niinimäki, H.; Nurmi, J.; Nurmi, K.; Palmén, A.; Parkko, P.; Piirainen, M.; Puro-Tahvanainen, A.; Pykälä, J.; Rasmus, H.; Rutanen, K.; Ruuhijärvi, R.; Sælan, Th. & Strömberg, J.E. (reliq.); Saikkonen, A.; Sankari, N.; Salojärvi, L.; Savola, J.; Schulman, L.; Snellman, Y.; Stjernberg, T.; Suikkari, E.; Taarna, J.; Takala, S.; Tiensuu, S.; Tuovinen, M.; Turku, TUR; Virtanen, T.; Vuokko, S.; Vuorisalo, T.

Zooecidia. – Smaller numbers of specimens have been received from: Alanko, P., Hiitonen, I. (reliq.).

General Herbarium

363, mainly Sweden, Finland (cult.), Greece (Rhodes), Estonia; Alanko, P. – 333, mainly Afghanistan, Iran, Greece; Finnish Botanical Expedition to West-Central Asia 1972 (Korhonen, M., Kukkonen, I., Uotila, P.). – 53, South Africa, Zimbabwe; Geneva, G (e). – 50, Germany, Italy, Austria, France, Gottschlich: *Hieracia Europaea Selecta* 1: 1–50; Gottschlich, G. – 127, mainly Sweden (*Hieracium*); Helsinki, HSI. – 480, Sweden, mainly *Gil, Vrm, Gst, Hls*; Lund, LD. – 78, Finland, *N* (cult.); Mustiala, V. – 149, mainly Finland (cult.), Denmark, Sweden; Räsänen, J. – 262, Greece (Rhodes), India (Goa); Väre, H. – 70, mainly Austria; Wien, W (e). – 50, Poland; Wrocław, WRSL (e).

Smaller numbers of specimens have been received from: Ahokas, H.; Ahti, T.; Bruxelles, BRVU (e); Fortelius, M.; Gustafsson, B.; Göteborg, GB; Hæggström, C.-A.; Haikonen, V.; Häkkinen, M.; Hamburg, L.; Hämet-Ahti, L.; Hernandez, C.; Holmström, I.; Joy, P.; Juslén, A.; Kaipiaainen, H.; Kalliola, R. (reliq.); Kiev, KW (e); Klemi, T.; Konechnaya, G.; Kunming, KUN; Lagerström, M.; Manninen, M.; Moscow, MW (e); Mutanen, T.; Palmén, A.; Peteri, S. L.; Rätty, R.; Rautiala, M.; Rintanen, T.; Roitto, I.; Savola, J.; Savola, S.; St. Petersburg, LE (e); Timisjärvi, M.; Timonen, T.; Turku, TUR (e); Uotila, P.; Utrecht, U (e).

Cryptogams Division

East Fennoscandian Herbarium

Bryophytes. – 79; Alanko, P. – 51; Haikonen, V. – 102, *N*; Hiitonen, I. (reliq.). – 412, *N, Ab, Ta*; Kalinauskaite, N. – 133, mainly *Ab, N, Ta*; Korpelainen, H. & Virtanen, V.

Smaller numbers of specimens have been received from: Berkeley, UC (e); Fagerstén, R.; Helsinki, HSI; Hiidensalo, I.; Höijer, P.; Karttunen, K.; Kinnunen, J.; Koponen, T.; Kuusinen, M.; Parnela, A.; Rintanen, T.; Sinkko, H.; St. Petersburg, LE (e); Suominen, J.; Syrjänen, K.; Uotila, P.; Väre, H.; Vuokko, S.; Vuorinen, E.

Algae. – 80, mainly *Obu, Lkk, Le, Li*; Rintanen, T.

Smaller numbers of specimens have been received from: Haikonen, V.; Kalliola, R. (reliq.); Laurila, M.; Nurmi, J.; Ruotsalo, R. (reliq.); Salo, P.; Suominen, J.; Uotila, P.; Virtanen, T.; Vitikainen, O.; Yliniva, M.

General Herbarium

Bryophytes. – 55, mainly Canada (Newfoundland); Ahti, T. – 276, mainly United States, Argentina, Australia; Berkeley, UC (e). – 127, China (Heilongjiang); Gao, C. – 150, mainly Costa Rica, Colombia, Bolivia, Brazil, Gradstein: *Bryophyta Neotropica Exs. 7: 301–400* and Holz & Heinrichs: *Bryotheca Gottingensis* 1: 1–50; Göttingen, GOET (e). – 59, mainly Norway, Sweden, Estonia; Korpelainen, H. & Virtanen, V. – 81, mainly Russia; St. Petersburg, LE (e). – 25, Japan, Nepal, Papua New Guinea, Taiwan, Higuchi: *Bryophyta Selecta Exs. 28: 1176–1200*; Tokyo, TNS (e). – 439, mainly Canada, United States, incl. Schofield: *Bryophyta Canadensis Ser. 7: 151–175*; Vancouver, UBC (e). – 60, Chile; Washington, US (e).

Smaller numbers of specimens have been received from: Alanko, P.; Fraser-Jenkins, C. R.; Hobart, HO (e); Hong, W.; Juslén, A.; Koponen, A.; Koponen, T.; Lai, M.-J.; London, BM; Miehe, G.; Mikkola, K.; Norris, D.; Shevock, J. R.; Sohrabi, M.; Väre, H.

Algae. – Smaller numbers of specimens have been received from: Alanko, P.

Mycology Division

East Fennoscandian Herbarium

Lichenized fungi. – 225, mainly *Ab, N, Ta, Sa, Sb*; Haikonen, V. – 55, *Ab*; Pykälä, J. – 75, Russia (*Kpoc, Kpor, Kon, Kton*); Uotila, P. – 61, *N, Ab*; Vuorisalo-Tiitinen, S.

Smaller numbers of specimens have been received from: Ahti, T.; Alanko, P.; Hiidensalo, I. (reliq.); Kalinauskaite, N.; Kirovsk, KPABG; Kuznetsov, O.; Miettinen, O.; Motiejūnaitė, J.; St. Petersburg, LECB; Suominen, J.; Urbanavichus, G.; Väre, H.; Vitikainen, O.

Non-lichenized Fungi. – 4389, mainly *Ab, N, Ka, Ta, Sa, Om, Ok, Obo*; Alanko, P. – 128, *N*; Albrecht, A. – 401, *Ab, N, Ta, St, Sb, Kb*; Haikonen, V. – 233, *Ab, N, St, Kb*; Kinnunen, J. – 223, mainly *Ab, N, Ta*; Kotiranta, H. – 568, *Ab, N, Ta, Tb, Sb, Kb, Ok, Ks, Lks*; Miettinen, O. – 67, mainly *Ab, N, Ta, Kb*; Niemelä, T. – 241, *St, Oa*; Ohenoja, E. – 397, mainly *Kb*; Penttilä, R. – 941, *Ab, N, Ta, Sa, Kl*; Salo, P. – 54, *Ab, N, Ta, Sa*; Savola, K. – 586, microfungi separated from lichen and moss specimens; Stenroos, S. & Huhtinen, S. – 109, mainly *N, Ta*, Russia (*Kon, Kton, Kpor, Kk*); Uotila, P. – 75, *N, Obo, Le, Li*; Väre, H.

Smaller numbers of specimens have been received from: Aaltonen, K.; Adlercreutz, G.; Ahokas, H.; Ahti, T.; Airaksinen, O.; Ala-Risku, R.; Anderssén, D.; Ansala, M.; Askola, P.; Asoranta, J.; Bäck, M.; Bendiksen, K.; Blomberg, C.-M.; Bonsdorff-Salminen, T. von; Bruun, S.; Ek, P.; Erämetsä, K.; Eriksson, I.; Franzén, J.; Friman, L.; From, S.; Hæggsström, C.-A.; Harju, H.; Härkönen, M.; Harmaja, H.; Heimonen, J.; Helo, P.; Helo, T.; Himelbrant, D.; Hintikka, V.; Höijer, P.; Hupli, A.; Issakainen, J.; Joensuu, JOE (e); Julkunen, J.; Kaipainen, H.; Kajander, L.; Kalinauskaite, N.; Kalska, E.; Karttunen, K.; Kaukoranta, M.; Kettunen, T.; Kilpeläinen, E.; Koistinen, M.; Koivunen, H.; Koivunen, K.; Kontula, I.; Kontula, T.; Kosonen, L.; Kukkonen, I.; Kunnari, M.; Kunttu, P.; Kuusisto, T.; Kyröläinen, M.; Kytövuori, I.; Kämäräinen, H.; Laaksonen, T.; Lahti, A.; Lahti, M.; Lahtinen, P.; Lehtola, O.; Liipola, J.; Loukojärvi, K.; Lustig, U.; Markkanen, A.; Martikainen, P.; Mikkola, M.; Minkkinen, K.; Murdoch, H.; Murdoch, K.; Mustonen, R.; Niemelä, S.-M.; Niemi, M. E.; Nummelin, H.; Nurmelin, M.; Nyberg, H.; Paalamo, P.; Paavola, H.; Palojärvi, J.; Partanen, T.; Pasanen, T.; Pennanen, J.; Rämä, T.; Ranta, E.; Rantala, M.; Räsänen, J.; Renvall, P.; Rintanen, T.; Saarenoksa, R.; Salo, K.; Salo, V.; Saukko, K.; Seppälä, M.; Silta, S.; Sippola, A.-L.; Söderholm, U.; Sorvari, V.-M.; St. Petersburg, LE; Stjernberg, M.; Syrjälä, P.; Taavitsainen, H.; Tahvonen, T.; Tainio, E.; Tuominen, O.; Turku, TUR (e); Uronen, T.; Väisälä, L.; Walldén, L.; Vasander, H.; Weissenberg, K. von; Velmala, S.; Veräjänkorka, M.; Vesterinen, T.; Wikholm, M.; Volanen, P.; Vuokko, S.; Vuori, M.; Ylitalo, A.; Zavodovskiy, P. G.

General Herbarium

Lichenized fungi. – 85, mainly Canada (Newfoundland); Ahti, T. – 785, mainly Netherlands, Brazil (Minas Gerais), Madagascar (Tamatave), Bhutan, China (Yunnan, Hong Kong, Taiwan), Portugal (Azores), Philippines (Luzon); Aptroot, A. – 25, Czech Republic, Bulgaria, Austria, Vondrák: Selected exs. of Caloplaca 1: 1–25; Graz, GZU (e). – 10, Germany, Stordeur: Lichenes selecti exs. ex Herbario Universitatis Halensis 11–20; Halle, HAL (e). – 60, United States (Oregon); McCune, B. – 50, United States, Canada, Lendem: Lichens of Eastern North America Exs. 5: 201–250; Philadelphia, PH (e). – 79, Russia (Leningrad Region); St. Petersburg, LECB. – 25, mainly Japan, Kashiwadani: Lichenes minus cogniti exs. 14: 326–350; Tsukuba, TNS (e).

Smaller numbers of specimens have been received from: Akureyri, AMNH; Alanko, P.; Bakalin, V.; Bangkok, RAMK; Canberra, CANB (e); Derr, C.; Fuentes, E.; Genève, G (e); Haikonen, V.; Jones, M. P.; Kalb, K.; Kinalioglu, K.; Kirovsk, KPABG; Knudsen, K.; Kraków, KRAM; Kristinsson, H.; London, BM; Lund, LD; Madrid, MAF (e); Miettinen, O.; Mikkola, K.; Nadeina, O.; Niu, D.-L.; Paajanen, L.; Poryadina, L.; Richardson, D.; Rosentreter, R.; Sribille, T.; St. Petersburg, LE (e); Stockholm, S (e); Tuomikoski, R. (reliq.); Urbanavichus, G. & Urbanavichene, I. V.; Väre, H.; Vondrák, J.

Non-lichenized Fungi. – 102, mainly Spain (Tenerife), Russia, Sweden, United Kingdom, Estonia, India; Alanko, P. – 20, mainly Austria, Scheuer: Mycotheca Graecensis 21: 401–420; Graz, GZU (e). – 40, mainly Germany, New Zealand, South Korea, Braun: Fungi selecti exs. 71–110; Halle, HAL (e). – 274, Estonia, Russia (Buryatia); Kotiranta, H. – 23, mainly Russia, South Korea, incl. Morozova & Popov: Mycotheca Petropolitana 2: 21–40; St. Petersburg, LE (e).

Smaller numbers of specimens have been received from: Ahti, T.; Aptroot, A.; Brandrud, T. E.; Cao, J.-Z.; Dai, Y.-C.; Dirma, B.; Enroth, T.; Figus, M.; Hæggsström, C.-A.; Haikonen, V.; Tartu, TAA; Jones, M. P.; Käppi, A.; Kehvola, K.; Knudsen, K.; Kytövuori, I.; Llimona, X.; Marx, H.; Miettinen, O.; Niemelä, T.; Ryvardeen, L.; Seppälä, M.; Spirin, W.; Toresson, H.-G.; Turku, TUR; Unger, H.-G.; Uotila, P.; Upreti, D. K.; Väre, H.; Vondrák, J.

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The main collection areas of the material received in 2007:

	Spermato- phyta	Pterido- phyta	Bryo- phyta	Algae	Lichenized Fungi	Other Fungi	Zooce- cidia	Total
Finland	2,018	42	821	109	447	8,773	35	12,245
Russia (East Fennoscandia)	1,073	58	85	–	108	189	–	1,513
United States	–	–	665	–	133	3	–	801
Sweden	732	–	29	–	8	20	–	789
Russia (excl. East Fennoscandia)	88	–	81	9	161	89	–	428
Greece	327	7	32	1	2	1	–	370
Canada	5	–	263	–	84	9	–	361
Finland (cultivated)	326	1	–	–	–	–	–	327
Estonia	55	1	7	–	4	253	–	320
China	18	–	147	–	122	5	–	292
Netherlands	–	–	4	–	230	2	–	236
Afghanistan	144	–	–	–	–	8	–	152
Argentina	–	–	125	–	24	1	–	150
Iran	111	–	14	–	3	9	–	137
Brazil	1	–	19	–	115	–	–	135
Austria	81	1	–	–	3	18	–	103
Portugal	–	–	3	–	96	1	–	100
Australia	–	–	18	–	62	–	–	80
Germany	36	–	1	–	11	29	–	77
Chile	1	–	63	–	2	–	–	66
Bhutan	–	–	–	–	59	–	–	59
Costa Rica	–	–	58	–	–	–	–	58
Norway	23	–	23	–	–	9	–	55
India	46	–	1	–	2	6	–	55
Poland	52	–	–	–	–	1	–	53
Madagascar	–	–	–	–	53	–	–	53
Bolivia	3	–	19	–	24	–	–	46
Turkey	1	–	–	–	34	8	–	43
South Africa	42	–	–	–	1	–	–	43
France	4	1	–	–	28	7	–	40
Spain (excl. Canary Islands)	1	–	–	–	6	32	–	39
Denmark (excl. Faroes and Greenland)	18	–	4	–	14	1	–	37
Suriname	–	–	2	–	34	–	–	36
Botswana	33	–	–	–	–	–	–	33
Colombia	–	–	29	–	–	–	–	29
Iceland	1	–	6	–	20	1	–	28
Cyprus	–	–	13	–	13	–	–	26
Congo (Kinshasa)	21	1	–	–	2	–	–	24
Mexico	–	–	15	–	8	–	–	23
Ukraine	14	2	–	–	4	1	–	21
Papua New Guinea	–	–	20	–	1	–	–	21
Japan	–	–	21	–	–	–	–	21
United Kingdom	–	1	2	–	10	7	–	20
Other countries	119	1	56	2	115	40	–	333
Total	5,394	116	2,646	121	2,043	9,523	35	19,878