

## Accessions to the Botanical Museum of the Finnish Museum of Natural History, University of Helsinki, in 2006

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The herbarium accessions amount to 19,919 specimens, including 6,570 phanerogams and pteridophytes, 2,103 specimens of bryophytes and algae, and 11,246 specimens of fungi (incl. lichens). Some details of noteworthy accessions are given here.

The accessions comprise 19,919 specimens incorporated in the Botanical Museum of the Finnish Museum of Natural History, University of Helsinki (acronym H) in 2006 (6,570 specimens in the Phanerogams Division, 2,103 specimens in the Cryptogams Division and 11,246 specimens in the Mycology Division). The material has been received from the staff of the Museum and of other institutes, 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 2006 was 3,138,123; 1,651,987 of them are phanerogams, 90,389 pteridophytes, 2,276 zooecidia, 596,851 bryophytes, 21,779 algae, 397,867 lichenized fungi and 376,974 non-lichenized fungi (including bacteria and viruses).

Some details of the most noteworthy accessions are given below. The italicised abbreviations *Al*, *Ab*, *N*, etc. on the lists refer to the biogeographic provinces of East Fennoscandia (map in Uotila et al., Memoranda Soc. Fauna Flora Fennica 77:14. 2001; the province *Kp* (*Karelia pudogensis*) has been added, see: Kravchenko et al., Distribution and occurrence of vascular plants in floristic districts of Karelia. – Karelian Research

Centre, Petrozavodsk. 2000.); and *Ög*, *Upl*, *Tr*, *VFi* etc. to the biogeographic provinces of Sweden and Norway (map on 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
<b>Phanerogams Division</b>			
Pteridophytes	69	726	795
Spermatophytes	2,012	3,763	5,775
<b>Cryptogams Division</b>			
Bryophytes	1,404	677	2,081
Algae	14	8	22
<b>Mycology Division</b>			
Lichenized fungi	5,073	1,118	6,191
Non-lichenized fungi	2,912	2,143	5,055
<b>Total</b>	<b>11,484</b>	<b>8,435</b>	<b>19,919</b>

## Phanerogams Division

### East Fennoscandian Herbarium

53; Ahti, T. – 341; Alanko, P. – 131, *Ta*; Alén, H. – 303, mainly *Ta*; Kääntönen, M. – 233, *N*, Russia (*Ks*, *Ik*, *Kl*); Munsterhjelm, R. – 88, *Ta*; Ranta, Y. – 125, *St*; Suominen, J. – 81; Taarna, J. – 375, mainly Russia (*Kk*, *Kon*); Uotila, P. – 154; Väre, H.

Smaller numbers of specimens have been received from: Airaksinen, O.; Eklund, H.; Haikonen, V.; Härkönen, M.; Helin, J.; Helsinki, HSI; Hyyryläinen, S.; Kalpio, S.; Koistinen, M.; Kotilainen, M. J. (reliq.); Kulmala, H.; Lehminen, S.; Murto, R.; Oulu, OULU; Parkko, P.; Parnela, A.; Partanen, R.; Penttilä, P.; Piirainen, M.; Puikko, M.; Riite, J.; Rintanen, T.; Rokala, A.; Rytteri, T.; Saarinen, K.; Schulman, L.; Sinervä, H.; Sjögren, L.; Stjernberg, M.; Stjernberg, T.; Tynys, S.; Weckström, G.; Virtanen, T.

### General Herbarium

568, mainly India, Estonia, Finland (cult.), Sweden; Alanko, P. – 130, China (Hunan); Beijing, PE (e). – 540, Pteridophyta, mainly Nepal; Fraser-Jenkins, C. – 69, mainly Iran; Geneve, G (e). – 559, Greece, Spain, Austria; Juva, M. (reliq.). – 151, Poland; Krakow, KRA (e). – 101, United States (mainly Wyoming); Laramie, RM (e). – 133, *Hieracium*, Sweden (*Vim*); Lund, LD. – 202, Sweden; Munsterhjelm, R. – 155, Egypt; Palmén, A. – 159, Russia (Yakutia); Podjakonoff, S. A. (reliq.). – 82, China (Hunan); Rinne, E. – 86, mainly Russia (Tambov Region), Kazakhstan; Sukhorukov, A. – 75, mainly Russia (Arkhagelsk Region); Uotila, P. – 25, Poland, Koziol & Charytonowicz: Flora Silesiaca Exs. 54: 1576–1600; Wrocław, WRSL (e). – 1242, mainly Spain (Canary Islands), Cape Verde, Portugal (Azores, Madeira); Väre, H.

Smaller numbers of specimens have been received from: Ahti, T.; Alanko, A.; Arabaci, T.; Berlin-Dahlem, B.; Häkkinen, M.; Hämet-Ahti, L.; Helsinki, HSI; Huhtala, U.; Jalas, J. (reliq.); Kalleinen, L.; Kojo, P.-L.; Kota Kinabalu, BORH; Kulmala, H.; Kytövuori, I.; Leiden, L.; Majuri, M.; Oosterveld, P.; Oulu, OULU (e); Pekanpalo, R.; Pettersson, B. (reliq.); Piirainen, M.; Piirainen, P.; Rintanen, T.; Särkkä, J.; Seppälä, M.; Stenberg, H. (reliq.); Talbot, S. S.; Tromsø, TROM (e); Uppsala, UPS (e); Yli-Rekola, M.

## Cryptogams Division

### East Fennoscandian Herbarium

*Bryophytes*. – 361, Russia (*Kol*, *Kon*, *Kton*, *Kpor*, *Kp*); Cajander, A. K. & Lindroth, J. I. (reliq.). – 75, mainly *Ta*, *Sb*, *N*; Haikonen, V. – 109, Russia (*Ka*); Karttunen, K. – 142,

mainly *N*, *Ks*; Lahti, Lahden yhteiskoulu. – 3, Russia (*Lim*); Moscow, MHA (e). – 399, *Ab*; Pykälä, J. – 53, Russia (mainly *Kpoc*, *Kk*); Uotila, P. – 191; Virtanen, V.

Smaller numbers of specimens have been received from: Airaksinen, O.; Buch, H. (reliq.); Kontula, T.; Laaka-Lindberg, S.; Vuokko, S.

*Algae*. – Smaller numbers of specimens have been received from: Haikonen, V.; Jäkäläniemi, A.; Kauppinen, M.; Ruuhijärvi, R.; Suortti, M.; Uotila, P.; Väre, H.; Vuorinen, E.

### General Herbarium

*Bryophytes*. – 82, Russia (Arkhangelsk Region, Vologda Region); Cajander, A. K. & Lindroth, J. I. (reliq.). – 119, South Africa; Cape Town, BOL. – 197, Russia (Caucasus, Europe, Far East, Siberia); Moscow, MHA (e). – 101, China, Asian Russia, Singapore, Philippines, Vietnam; Singapore, SINU (e). – 123, mainly Russia, Czech Republic, Germany, Norway; Virtanen, V.

Smaller numbers of specimens have been received from: Ahti, T.; Buch, H. (reliq.); Enroth, J.; Fraser-Jenkins, C. R.; Lahti, Lahden yhteiskoulu; Mastracci, M.; Saint Denis, REU; Uotila, P.; Urbanavichus, G. P.; Väre, H.

*Algae*. – Smaller numbers of specimens have been received from: Alanko, P.; Cajander, A. K. & Lindroth, J. I. (reliq.); Uotila, P.; Väre, H.

## Mycology Division

### East Fennoscandian Herbarium

*Lichenized fungi*. – 242, Finland; Haikonen, V. – 99, mainly Russia (*Kl*); Hamina, Haminan yhteislyseo. – 82, *St*, *Ta*; Kääntönen, M. – 1122, *Al*, *Ab*, *N*, *Kb*, *Li*; Kvist, G. (reliq.). – 72, Russia (*Ks*); Laurila, M. (reliq.). – 3204, *Ab*; Pykälä, J. – 81, Russia (*Kpoc*, *Kpor*, *Kk*); Uotila, P.

Smaller numbers of specimens have been received from: Ahti, T.; Airaksinen, O.; Alanko, P.; Arkkio, H.; Helsinki, Alppilan yläaste; Helsinki, HSI; Kontula, T.; Kuznetsova, E.; Miettinen, O.; Saarinen, H. (reliq.); Sauvonsaari, J.; Stjernberg, M.; Urbanavichus, G. P.; Väre, H.; Vitikainen, O.; Vuokko, S.; Vuorisalo-Tiitinen, S. (reliq.).

*Non-lichenized Fungi*. – 448, Finland; Alanko, P. – 158, mainly *Oa*, *Obo*, *Ks*; Ala-Risku, K. – 105, Finland; Oulu, OULU (e). – 124, mainly *N*, *Ta*, *Ok*; Hottola, J. – 222, Finland; Jakobsson, S. – 475, Finland; Kinnunen, J. – 74, *Ab*, *N*, *Ta*; Kotiranta, H. – 129, Finland; Kytövuori, I. – 75, mainly *Ab*, *N*, Russia (*Kon*); Miettinen, O. – 169, Finland; Niemelä, T. – 147, *Sa*, *Oa*; Ohenoja, E. – 115, *Ab*, *Ta*, *Kb*, *Obu*; Schigel, D. – 105, mainly *Ta*; Söderholm, U. – 60, *Ok*; Tolvanen, P.

Smaller numbers of specimens have been received from: Aalto, M.; Ahlroth, P.; Ahti, T.; Airaksinen, O.; Asi-

kainen, S.; Bonsdorff, T. von; Eriksson, I.; Fagerström, L. (reliq.); Gaviria, M.; Haikonen, V.; Hamari, R.; Härkönen, M.; Heinonen, P.; Helo, P.; Helo, T.; Kuopio, KUO (e); Turku, TUR (e); Turku, TUR-A (e); Hiltunen, R.; Höjjer, P.; Holmberg, S.; Jääskeläinen, K.; Junninen, K.; Jyväskylä, JYV (e); Karttunen, K.; Keihäs, P.; Kiema, S.; Kiviluoma, M.; Koistinen, M.; Kolehmainen, K.; Kyröläinen, M.; Laaksonen, T.; Lahti, M.; Laitinen, T.; Lampinen, R.; Liimatainen, K.; Lindgren, M.; Lindroth-Niskanen, H.; Manninen, O.; Mattila, J.; Mattila, P.; München, M; Niskanen, T.; Ollila, A.; Paalamo, P.; Pasanen, M.; Penttilä, R.; Pernu, M.; Rämä, T.; Renvall, P.; Ruuhijärvi, R.; Saar, R.; Saarimäki, T.; Salo, K.; Salonen, V.; Seppälä, M.; St. Petersburg, LE (e); Suur-Inkeroinen, H.; Teeriaho, J.; Tuomi, M.; Tuovila, H.; Uotila, P.; Vepsäläinen, K.; Wikholm, M.; Vuorinen, Ilja; Vuorinen, Irmeli.

## General Herbarium

*Lichenized fungi*. – 124, mainly Canada (Newfoundland), United States (Alabama), Russia (Yakutia); Ahti, T. – 130, Hansen: Lich. Danici Exs. 16–20: 376–505; Copenhagen, C (e). – 69, Cameroon, Tanzania; Frisch, A. – 20, Obermayer: Lichenotheca Graecensis 15: 281–300; Graz, GZU(e). – 8, Stordeur: Lich. Selecti Exs. 2–9; Halle, HAL (e). – 101, United States (California); Knudsen, K. – 52, Norway (*ØFi*, *VFi*), Sweden (*TL*); Kvist, G. (reliq.). – 27, incl. Thomson: Lich. Arctici 109–115 and Thomson: Lich. Wisconsinenses Exs. 97–108; Madison, WIS (e). – 115, Migula: Kryptogamae Germaniae, Austriae et Helvetiae Exs. 1, 2, 6, 10, 11, 14–24, 26–30, 31, 33–40, 43, 44, 46–48, 52–54, 55, 57, 62, 63, 67, 72–74, 76, 78, 81, 83–85, 87–89, 93, 96, 98, Suza: Lich. Bohemoslovakiae 152, 154–159, 161–165, 167–173, 175, 176, Fries: Lich. Sueciae Exs. 67, 70, 73, 75, 85, 89, 143, 252, 266, 391, 395, 400, 402–404, 409–411, Hepp: Die

Flechten Europas 78, 118, 124, 209, 292, 293, 405, 563, 703, 715, 767, 802, 832, 854, 854b, 875, 899, and Schade et al.: Lich. Saxonici Exs. 50, 403; Stockholm, S (e). – 50, Nash: Lich. Exs. 15–16: 351–400; Tempe, ASU (e). – 25, Kashiwadani: Lich. Minus Cogniti Exs. 13: 301–325; Tsukuba, TNS (e). – 62, Russia (Bashkortostan, Adygeya, Orenburg Region); Urbanavichus, G. P.

Smaller numbers of specimens have been received from: Alanko, P.; Berlin, B (e); Bruun, H.; Dai, Y.-C.; Elvebakk, A.; Eriksson, O. E.; Fuertes, E.; Gagarina, L.; Koponen, T.; Kristinsson, H.; Kuznetsova, E.; Lewis Smith, R. I.; Lund, LD; Maass, W.; Poryadina, L.; Rikkinen, J.; Riverside, UCR; Roy, C.; Seppänen, R.; Shurduk, I. F.; Sicilia, D.; Singer, E. T.; Sohrabi, M.; St. Petersburg, LE (e); Uotila, P.; Upreti, D. K.; Väre, H.; Yazici, K.

*Non-lichenized Fungi*. – 104, Triebel: Microfungi Exs. 23–26: 551–650; München, M (e). – 176, China; Dai, Y.-C. – 58, mainly Latvia, Sweden (*Nb*), Estonia; Kinnunen, J. – 23, incl. Morozova & Popov: Mycotheca Petropolitana 1: 1–20; St. Petersburg, LE (e). – 25, Vampola: Polyporales Exs. Českoslovaciae 8: 176–200; Jihlava, MJ (e). – 1277, mainly from tropical countries; Ryvarden, L. – 123, Russia; Spirin, W.

Smaller numbers of specimens have been received from: Ahti, T.; Alanko, P.; Ejem, L. A.; Grosse-Brauckmann, H.; Härkönen, M.; Kotiranta, H.; Kytövuori, I.; Lahti, M.; Leino, M.; Miettinen, O.; Oinonen, P.; Oulu, OULU (e); Penttilä, R.; Savola, S.; Schigel, D.; Söderholm, U.; Turku, TUR-A; Väre, H.; Vlasak, J.; Vuokko, S.; Yu, C. J.

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The main collection areas of the material received in 2006:

	Spermatophyta	Pteridophyta	Bryophyta	Algae	Lichenized Funfi	Other Fungi	Total
Finland	1,621	56	874	11	4,838	2,860	10,260
Russia (East Fennoscandia)	391	13	530	3	236	52	1,225
Nepal	50	476	2	–	–	–	528
China	211	1	55	–	4	199	470
Sweden	377	–	9	–	49	34	469
Russia (Europe)	63	1	169	6	164	27	430
Russia	272	2	–	–	–	147	421
Spain (Canary Islands)	406	–	–	1	–	–	407
United States	99	9	5	–	269	8	390
Kap Verde	373	5	–	–	–	–	378
Finland (cultivated)	376	–	–	–	–	–	376
Greece	353	2	–	–	–	4	359
Russia (Asia)	5	–	179	–	65	3	252
Spain (excl. Canary Islands)	170	6	–	–	55	12	243
Portugal (Azores)	117	117	1	1	–	4	240
Poland	176	2	–	–	–	–	178
Estonia	111	1	10	–	2	53	177
Denmark (excl. Faroes and Greenland)	–	–	–	–	130	27	157
Egypt	155	–	–	–	–	–	155
India	121	25	–	–	3	2	151
Portugal (Madeira)	44	73	–	–	–	20	137
South Africa	–	–	118	–	–	3	121
Germany	8	–	17	–	57	36	118
Norway	54	–	18	–	27	16	115
Brazil	–	–	–	–	2	91	93
Tanzania	9	–	–	–	31	48	88
Canada	29	1	1	–	48	–	79
Austria	37	3	–	–	14	21	75
Iran	43	–	–	–	11	1	55
Zimbabwe	–	–	1	–	41	–	42
Cameroon	–	–	–	–	38	–	38
Latvia	2	–	–	–	–	32	34
Switzerland	12	–	–	–	21	–	33
Czech Republic	–	–	22	–	7	26	55
Dominican Republic	25	2	–	–	–	–	27
Kazakhstan	23	–	–	–	–	–	23
Slovakia	–	–	–	–	21	–	21
Japan	–	–	–	–	19	1	20
Other countries	42	–	70	–	39	1,328	1,479
<b>Total</b>	<b>5,775</b>	<b>795</b>	<b>2,081</b>	<b>22</b>	<b>6,191</b>	<b>5,055</b>	<b>19,919</b>