

Accessions to the Botanical Museum of the Finnish Museum of Natural History, University of Helsinki, in 2014

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The herbarium accessions amount to 19,853 specimens, including 4,751 phanerogams and pteridophytes, 2,559 specimens of bryophytes and algae, 5,000 specimens of fungi, 7,542 specimens of lichens, and 1 specimen of zooecidia. Some details of noteworthy accessions are given here.

The accessions comprise 19,853 specimens incorporated in the Botanical Museum of the Finnish Museum of Natural History, University of Helsinki (acronym H) in 2014 (4,751 specimens in the Vascular Plant Herbaria, 2,559 specimens in the Bryological and Algal Herbaria and 12,542 specimens in the Mycological Herbaria). The material has been received from the staff of the Museum and from other institutions, and as donations from private persons, or their reliquiae (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 2014 was 3,290,501; 1,692,598 of them are phanerogams, 93,559 pteridophytes, 2,366 zooecidia, 615,349 bryophytes, 22,141 algae, 433,323 lichenized fungi and 431,125 non-lichenized fungi (including bacteria and viruses).

Processing of the extensive private herbarium of Prof. Aino Henssen (1925–2011), Marburg, Germany (ca. 40,000 specimens, mainly lichenized fungi, some non-lichenized fungi and bryophytes donated by her to H), was continued, and more than 5,000 lichen specimens were incorporated in the collections in 2014.

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://sweetgum.nybg.org/science/ih/>).

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

	East Fennoscandian Herbaria	General Herbaria	Total
Phanerogams Division			
Pteridophytes	30	90	120
Spermatophytes	1,521	3,110	4,631
Zooecidia	1		1
Cryptogams Division			
Bryophytes	748	1,773	2,521
Algae	38		38
Mycology Division			
Lichenized Fungi	1,129	6,413	7,542
Non-lichenized Fungi	1,670	3,330	5,000
Total	9,664	14,716	19,853

Vascular Plant Herbaria

East Fennoscandian Herbarium

33, *Ab, N, Ta*; Ahti, T. – 322, mainly S Finland; Alanko, P. – 133, *N*, Helsinki; Helsinki, Venäläinen koulu – 29; Jalas, J. (reliq.) – 22, mainly *Al*; Lindholm, L.-L. – 23, *Obo, Obu*; Metsähallitus, Pohjanmaan Luontopalvelut – 245, mainly *Hieracium, Pilosella (Ta, Pälkäne)*; Ranta, Y. – 156, mainly *Taraxacum* from S and E Finland, holotypes and other type material of *Taraxacum cabannaeforme, T. coartatiforme, T. ossiclivosum, T. sinus-avis, T. subinvestiens, T. volitans*; Räsänen, J. – 38, mainly *Ka*; Rintanen, T. – 163, mainly *Hieracium, Pilosella (Ta, Pälkäne)*; Sennikov, A. – 26, Finland (*Kb*), Russia (*Kl/Rs, Kol, Kton, Kk*); Simola, H. – 38, *Al*; Stjernberg, T. – 69, mainly *Ta*; Uotila, P. – 135; Väre, H.

Small numbers of specimens have been received from: Albekoglu, M.; Ankerman, E.; Carlsson, R.; Järvinen, V.; Kerkelä, T.; Kirovsk, KPABG; Kiviniemi, A.; Lindholm, T.; Miettinen, M.; Moscow, MW; Niinimäki, H.; Piirainen, M.; Pyhälä, M.; Pykälä, J.; Saarinen, K.; Särkkä, J.; Stockholm, S.; Valttonen, P.; Virtanen, T.; Vuorinen, E.; Winberg, L.

Zooecidia. – Small numbers of specimens have been received from: Väre, H.

General Herbarium

68, mainly Canada, Germany, Iceland, U.S.A.; Ahti, T. – 726, mainly Cuba, Finland (cult.), South Korea, Spain (Canary Isl.); Alanko, P. – 83, Kyrgyzstan; Bishkek, FRU – 50, Russia (Kirov, Kostroma, Vologda Reg.), incl. isotype and paratypes of *Potamogeton xclandestinus*; Bobrov, A. – 69, mainly Portugal (Madeira); Kämäräinen, H. – 83, mainly Sweden; Lund, LD (e) – 326, Mexico; Mexico, MEXU (e) – 104, Denmark (Greenland); Roslin, T. – 33 Finland (cult.); Saarinen, J. – 150, mainly Russia (Asia); St. Petersburg, LE (e) – 399, mainly Kyrgyzstan; Sennikov, A. – 114, mainly Norway, Sweden; Stockholm, S (e) – 117, mainly Czech Republic; Uotila, P. – 487, mainly France, Spain (Canary Isl.); Väre, H. – 185, mainly Côte d'Ivoire, Gabon, Madagascar, incl. isotype of *Dracaena scabra* and *Xanthocercis rabiensis*, paratype of *Cassipourea ndambiana*, isoneotype of *Monopetalanthus ledermannii*; Wageningen, WAG (e) – 144, mainly Austria, incl. isotype of *Tilia perneckensis*; Wien, W (e).

Small numbers of specimens have been received from: Christenhusz, M.J.M.; Dirihan, S.; Helsinki, Venäläinen koulu; Jalas, J. (reliq.); Lahtinen, M.; Lindholm, L.-L.; Lindholm, T.; Löki, V.; Lund, LD; Moscow, MW; Petrozavodsk, PTZ; Raisio, J.; Räsänen, J.; Ruoff, E.; Saint Petersburg, LE; Wuhan, Wuhan University; Zabalgoceazcoa, I.

Bryological and Algal Herbaria

East Fennoscandian Herbarium

Bryophytes. – 78, mainly Finland (*Ks*), Russia (*Kon*), incl. specimens from Russian-Finnish Botanical Expedition 2000; Ahti, T. – 64; Buch, H. (reliq.) – 78, *N, Ta, Sa*; Haikonen, V. – 128, *Ks*; He, X. – 101, *Al, St, Ta, Oa*, incl. ES-CAPE voucher of *Tortula cernua*; Laaka-Lindberg, S. – 141, *N*; Piippo, S. – 130, *Ta*; Taarna, J. (reliq.)

Small numbers of specimens have been received from: Enroth, J.; Jutila, H.; Lindholm, T.; Teeriaho, J.; Uotila, P.; Vuorinen, E.

Algae. – 20, *Ta*; Uotila, P.

Small numbers of specimens have been received from: Helsinki, Metsähallitus; Kurtto, A.; Rintanen, T.

General Herbarium

Bryophytes. – 24, Canada, Chile, Iceland, United States; Ahti, T. – 54, Russia (Asia); Buch, H. (reliq.) – 50, mainly Japan, Deguchi & Yamaguchi: Bryophytes of Asia 19: 451–475; Hiroshima, HIRO (e) – 106, Bhutan (leg. G. & S. Miehe), China (Xizang), Pakistan (leg. G. & S. Miehe); Hyvönen, J. – 50, incl. isotype of *Bryum schweinfurthii*; Jena, JE (e) – 1,177, China, Mongolia, Papua New Guinea, Russia (Asia and Europe), United States, incl. holotype and paratypes of *Philonotis lizangii*, paratype of *Philonotis laii*; Koponen, T. – 24, China; Kunming, KUN (e) – 66, China (Hunan); Piippo, S. – 122, China, New Zealand, São Tomé and Príncipe, United States, incl. isotype of *Scouleria siskiyouensis*; San Francisco, CAS – 22, Philippines; Tan, B.C. – 50, mainly Japan, Higuchi: Bryophyta Selecta Exsiccata 34–35: 1326–1375; Tsukuba, TNS (e)

Small numbers of specimens have been received from: Berkeley, UC; Corvallis, OSC; Shevock, J.; Ulan-Ude, UUH

Mycological Herbaria

East Fennoscandian Herbarium

Lichenized fungi. – 228, *N*, Russia (*Kon*); Ahti, T. – 621, *Al, Ab*; Bruun, H. (reliq.) – 139, *N, Ta, Sa*; Haikonen, V. – 20, *N, Ta*; Launis, A.

Small numbers of specimens have been received from: Buch, H. (reliq.); Henssen, A. (reliq.); Kirovsk, KPABG; Korhonen, M.; Laaksonen, K.; Myllyls, L.; Velmala, S.; Väre, H.

Non-lichenized Fungi. – 39, Finland (*Ab, N, Ka, Ta, Tb, Ks*), Russia (*Kol, Kon*); Ahti, T. – 25, *Ab, N, Lks*; Bondorff, T. – 207, *N, Ta, Sa, Tb, Lkk*; Haikonen, V. – 46, *Sb, Obu, Lkk*; Kekki, T. – 388, *Al, Ab, N, Ta, Tb, Sb, Kb, Obu*,

The main collection areas of the material received in 2014:

	Spermatophyta	Pteridophyta	Bryophyta	Algae	Lichenized Fungi	Other Fungi	Zooecidae	Total
Finland	1,517	30	746	38	1,054	1,645	1	5,031
Russia (Asia)	154	0	187	0	63	1,569	0	1,973
United States	11	0	58	0	1654	68	0	1,791
Sweden	187	0	0	0	24	996	0	1,207
Canada	7	5	1	0	1,052	33	0	1,098
China	7	0	907	0	6	1	0	921
Spain (Canary Islands)	357	26	1	0	189	0	0	573
Kyrgyzstan	454	1	0	0	0	15	0	470
Mexico	318	8	0	0	136	0	0	462
Portugal (Azores)	0	0	0	0	426	0	0	426
Argentina	0	0	3	0	389	0	0	392
France	165	20	1	0	173	1	0	360
Australia	0	0	1	0	347	4	0	352
Papua New Guinea	0	0	311	0	0	0	0	311
Austria	138	1	1	0	150	0	0	290
Cuba	260	4	0	0	3	0	0	267
Russia (Europe)	67	0	36	0	14	136	0	253
Finland (cultivated)	234	2	0	0	0	0	0	236
New Zealand	1	0	4	0	222	0	0	227
Switzerland	1	0	2	0	194	0	0	197
Germany	13	1	19	0	143	17	0	193
Spain (excl. Canary Islands)	48	5	0	0	132	2	0	187
South Africa	0	0	0	0	175	0	0	175
Norway	45	0	10	0	90	21	0	166
Czech Republic	100	0	1	0	33	3	0	137
Japan	0	0	88	0	43	0	0	131
South Korea	125	5	0	0	0	0	0	130
United Kingdom	3	0	0	0	109	5	0	117
Chile	0	0	22	0	93	0	0	115
Portugal (Madeira)	67	1	0	0	40	4	0	112
Poland	1	0	4	0	0	104	0	109
Russia (East Fennoscandia)	4	0	2	0	75	25	0	106
Denmark (Greenland)	99	5	0	0	1	0	0	105
Dominican Republic	0	0	0	0	0	96	0	96
Iceland	9	1	4	0	75	1	0	90
Denmark (excl. Faroes and Greenland)	13	0	0	0	41	33	0	87
Slovakia	3	0	1	0	0	83	0	87
Costa Rica	0	0	0	0	84	2	0	86
Madagascar	82	3	0	0	0	0	0	85
Azerbaijan	0	0	0	0	58	0	0	58
Gabon	50	0	0	0	0	0	0	50
Bhutan	0	0	46	0	0	0	0	46
Brazil	0	0	0	0	16	28	0	44
Portugal (excl. Azores and Madeira)	0	0	0	0	29	15	0	44
Côte d'Ivoire	25	0	0	0	3	0	0	28
Turkey	1	2	0	0	24	1	0	28
Ecuador	0	0	11	0	14	0	0	25
Georgia	0	0	0	0	25	0	0	25
Philippines	0	0	22	0	3	0	0	25
Italy	21	0	1	0	0	0	0	22
Uruguay	0	0	0	0	21	0	0	21
Other countries	44	0	31	0	119	92	0	286
Total	4,631	120	2,521	38	7,542	5,000	1	19,853

Ks, Lkk, Le; Korhonen, M. – 106, *N, Ok*; Miettinen, O. – 102, *Ab, N, St, Ta, Kb*; Niemelä, T. – 187, *Ta, Tb, Sb, Om, Ok*; Niskanen, T. – 89, *Ta, Ks, Lkk, Le*; Oinonen, P. – 98, *Ab, Obu, Lkk, Lks, Le, Li*; Pennanen, J. – 169, *Al, Ab, N, St, Ta, Sa, Kb, Obu, Ks, Lkk*; Schigel, D. – 49, *Al, Ab, N, Kb*; Tuomikoski, R. (reliq.)

Small numbers of specimens have been received from: Aittomäki, P.; Arkiomaa, P.; Erkkilä, R.; Gädda, K.; Hægström, C.-A.; Häkkinen, I.; Halme, P.; Harmaja, H.; Henssen, A.; Höijer, P.; Holmberg, S.; Hyrkäs, N.; Junninen, K.; Kälviäinen, V.; Kamula, M.; Kartala, J.; Kiena, S.; Kolari, T.; Kortelainen, T.; Kosonen, L.; Kotiranta, H.; Kunttu, P.; Kuukkanen, H.; Kvist, G. (reliq.); Laaka-Lindberg, S.; Lahti, M.; Leino, P.; Olanen, M.; Oulu, OULU (e); Pennanen, M.; Penttilä, R.; Pernu, M.; Räisänen, M.; Rintanen, T.; Rossi, A.; Saarenoksa, R.; Salo, K.; Salo, P.; Santaharju, J.; Segersvärd, P.; Seppä, E.-L.; Söderholm, U.; Stjernberg, M.; Thuneberg, P.; Turku, TUR (e); Uimonen, J.; Uotila, A.; Uotila, P.; Väre, H.; Viitanen, T.; Viitikainen, O.; Vuokko, S.

General Herbarium

Lichenized fungi. – 374, mainly Canada (Newfoundland, Northwest Territories) incl. *Cladonia peziziformis*, new to Newfoundland; Ahti, T. – 58, Azerbaijan; Baku, BAK – 40, Hansen: Lich. Danici Exc. 33–34: 756–795; Copenhagen, C (e) – 5,379, mainly United States, Canada, Argentina; Henssen, A. (reliq.) – 255, mainly United States, Mexico incl. isotypes of *Agrestia cyphellata* and *Lecanora kofae*; Madison, WIS (e) – 21, mainly Canada; McCarthy, J. – 25, Georgia; St. Petersburg, LE (e) – 27, United States (Alaska); Talbot, S.S. – 25, Ohmura: Lich. Minus Cogni-

ti Exs. 20: 476–500; Tsukuba, TNS (e) – 28, Russia (Europe), Spain (Canary Islands); Väre, H.

Small numbers of specimens have been received from: Bronx, NY; Corner Brook, Mem. Univ. NL, Canada; Davydov, E.; Dillman, K.; Durham, DUKE; Edinburgh, E (e); Ekaterinburg, UFU; Garrido-Benavent, I. isotype of *Caliciopsis valentina*; González Rentería, X.Y.; Högnabba, F.; Kinalioglu, K.; Kirovsk, KPABG (e); Kison, H.-U.; Kunming, KUN incl. isotype of *Bryoria yunnana*; La Laguna, TFC; Launis, A.; Madrid, MACB (e) isotype of *Ramalina carminea*; Makarova, O.; Miettinen, O.; Murto, R.; Neumarkt; Paukov, A.; Prague, PRC (e); Sennikov, A.; St. Petersburg, LECB; Uotila, P.; Uppsala, UPS isotype of *Gowardia arctica*

Non-lichenized Fungi. – 47, mainly Canada; Ahti, T. – 141, Dominican Republic, United States; Beltsville, BPI – 138, Denmark, Norway, Sweden; Korhonen, M. – 445, Russia (Asia and Europe); Kotiranta, H. – 28, mainly United States; Miettinen, O. – 938, Slovakia, Sweden; Niskanen, T. – 27, Brazil; Oinonen, P. – 46, varia; Ryvarden, L. – 308, mainly Poland, Russia (Europe), Sweden; Schigel, D. – 1,149, mainly Russia (Asia); Spirin, V. – 21, mainly Russia (Europe); St. Petersburg, LE

Small numbers of specimens have been received from: Cambridge, AKFWS (e); Correia, M.; Härkönen, M.; Kekki, T.; Kinnunen, J.; Kytövuori, I.; Niemelä, T.; Norstedt, G.; Ohenoja, E.; Talbot, S.; Turku, TUR (e); Uotila, P.; Väre, H.

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