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About the Institute

The Hunt Institute for Botanical Documentation, a research division of Carnegie Mellon University, specializes in the history of botany and all aspects of plant science and serves the international scientific community through research and documentation. To this end, the Institute acquires and maintains authoritative collections of books, plant images, manuscripts, portraits and data files, and provides publications and other modes of information service. The Institute meets the reference needs of botanists, biologists, historians, conservationists, librarians, bibliographers and the public at large, especially those concerned with any aspect of the North American flora.

Hunt Institute was dedicated in 1961 as the Rachel McMasters Miller Hunt Botanical Library, an international center for bibliographical research and service in the interests of botany and horticulture, as well as a center for the study of all aspects of the history of the plant sciences. By 1971 the Library's activities had so diversified that the name was changed to Hunt Institute for Botanical Documentation. Growth in collections and research projects led to the establishment of four programmatic departments: Archives, Art, Bibliography and the Library.

III) as to the quality and meaning of the degrees of the Swedish

In order to be accepted as a student at a Swedish University, the student must have passed a maturity examination from a Swedish College (gymnasium) or have a comparable knowledge from schools abroad. All Scandinavian colleges reach this standard. Besides his own language (grammar, literature, history, composition) the saddent is required to master (speaking, reading and writing, grammar and literature) everyday English, German, and French (and in the language lines also Latin and /or Greek, Spanish, Russian, etc.). Other subjects taught include History, Geography, Biology, Physics, Chemistry, Mathematics and geometry, including elementary and higher algebra, differential and intergral calculus, and coordinate geometry.

The teachers at a Swedish College must have at least a Filosofie Licentiat degree in their subjects, but preferably and usually they have a Filosofie Doktor's degree, and the final examinations are passed under the personal supervision of University Professors. At this time the students are usually 18-20 years old. " Swedish maturity examination is, therefore, comparable to the requirements

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The degrees presented by the Faculty of Science of the Swedish Universities are the following ones: Filosofie Kandidat (Fil.Kand.), Filosofie Magister (Fil. Mag.), Filosofie Licentiat (Fil. Lic.), and Filosofie Doktor (F.D.or Fil. Dr.). The teachers teaching the students for these degrees all hold the highest degree and are elected for their posts in a strong and official competition with other candidates. Their application, published papers, and scientificability is scrutinized by specialists in the subject (Swedish as well as foreign) and by several higher instances of the University itself and the Chancellor of the Swedish Universities before the Government can make its decision. The professors are supposed not only to teach their subject but also to undertake scientific research works and guide the research by their students. The graduate division of all the Swedish Universities is a very strong one.

The degrees are received in the following way:

1) Filosofie Kandidat (Fil.kand.) requires that the student takes a full course in at least three different subjects and receives six marks as a total. The mark 2 is given for a general course, and can be increased to 2 1/2 if the student shows a special ability in the subject. If a student wants to receive three marks (honours degree) he has to widen his knowledge to the subject considerably and also present a thesis based on personal research within a special field of 10 the subject. The field is chosen by the student himself of a by the professor, but the research work and its results are us carried out and published by the student himself. There is no to limit for any degree at a Swedish University, but the average time in Natural Sciences at the University of Lund with one three-marks (honours) subject seems to be about 3 1/2 years.

- 2) Filosofie Magister (Fil.Mag.) degree is the degree required for teachers at a Swedish highschool. The student has to select his three subjects from a variety of combinations, and must add a course in Psychology and Education. Otherwise the requirements are the same as for Fil.Kand.
- 3) Filosofie Licentiat (Fil.Lic.) degree. A student, who wishes to study for a Fil.Lic. degree starts after having received three marks in a Fil. Kand. or Fil. Mag. subject and goes on to specialize in this subject by comprehensive courses and literature studies. He has to pass a rigid examination and must present a thesis which demonstrates that he is fully capable to undertake independent scientific research and describe, interprete as well as defend his results. This degree allows (licentiates) the student to go on towards his Fil. Dr. degree or, if he possesses a Fil. Mag. degree, to teach at a College. A student with a Fil. Lic. degree is generally titled as Digitative frequency in generally titled as Digitative frequency in a second start of the student of the student with a Fil. Lic. degree is generally titled as Digitative frequency in a second secon
 - 4) Filosofie Doktor (Fil. Dr., F.D.) is given by the University of Lund only for outstanding research work published in one or more papers of remarkable quality. The thesis has to be publicly defended in the presence of representatives of the Academical consistorium and is then criticized by at least two eminent specialists in the field, Swedish or foreign, one of them appointed by the University, and the other by the candidate himself. Criticism ex auditorio is common in many subjects and the meeting is usually attended by a considerable public. The average at which a Fil. Dr. degree is received at the University of Lund in the Natural Sciences is about 9 years, and it takes as an average 2 3 years beyond the Fil. Lic. degree to receive this stage. This degree seems to me to be fully comparable with a Sc. D. from Oxford or a D.Sc. from Cambridge in England.

IV) In translating the Swedish Academic degrees to English it is generally accepted that they should be comparable as follows:

Fil. Kand. (general courses) : B. Sc.

Fil. Kand. (specialized) : B. Sc. (Hon.) or M. Sc.

Fil. Mag. (not met with in England) therefore given as B. Sc., B. Sc. (Hon.), or M. Sc. according to specialization).

Fil. Lic.: Ph. D.,

Fil. Dr.: D. Sc. or Sc. D..

This all as to the standards of the English Universities at Oxford and Cambridge.

Lund, 3rd July 1953.

Better Hantion

Prorector of the University of Lund, Professor and Director of the Department of Zoology.

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THE NEW YORK BOTANICAL GARDEN BRONX • NEW YORK 10458 \$\frac{12}{212} 212/933-9400

December 2, 1971

Dear Professor Love:

In response to your letter of November 27th I am sending you under separate cover those previous reprints which did not reach you, except for three papers of which I could not have reprints.

Thank you very much for your encouragement for my prospective project. I appreciate very much also your frank opinion concerning the PL-h80 project and related matters.

I also have a very unpleasant experience already in participating a PL-480 project in Ceylon. Although I was the actual initiator and organizer of the Ceylon Flora Project, I was used as a "foot soldier" on a ridiculously low per-diem of less than 2/5 or 1/3 the usual U. S. Government per-diem applicable to Ceylon. My conscience and devotion to sciences were thus misused.

Your last remark applies not only to the PL-480 programs but also in general how we immigrants are treated in this country. I feel that we, immigrant scientists, are always prejudiced and segregated by improper rating of our scientific ability and by being intentionally separated from the societies of born Americans, even though such segregation seems to me to be unconstitutional! I have long been feeling that we immigrant scientists should be united and should form a league to project ourselves. I thought that such an organization.

Tur Chinese student from former British colony, where English is their mother tongue, could not get a job in any college after his obtaining a M. D. for the reason that his 'nglish is not good. This is ridiculous, especially when we think that a number of American-borns cannot even spell English properly." I know a large numbers of immigrant scientists must end up in a junior position such as associate prof. or res. associate simply because they are not American-borns. As such I do not have any possibility here. We ought to do something to protect us and to reserve our right, don't we? U. S. sciences couldn't have made such an enormous progress without our immigrant scientists' contribution.

All good wishes.

Sincerely yours,

T. M. Moyama

Office of Audits, Smithsonien Institution, 900 Jefferson Drive, S. W., Washington, D. C. 20560.

Att.: Mr. Pat Stanton.

Gentlemen:

Enclosed are three copies of an interis financial report under Grant No. SFG-2-7626, reporting the expenses of the American team during this summer in Yugoslavia. We were under the impression from the spring that we had been permitted to send in this report later than stipulated in the official letter, for the simple reason that our team would not return from Yugoslavia until very late in August, just at the time when our school started, so we felt the reminder by Mr. Stanton, by telephone to Dr. Löve on September 1, was somewhat embarrassing though certainly correct in every respect. We would, however, like to record our discontent with the fact that although our team was allowed to leave already in the middle of May on basis of a letter that indicated that the funds in Yugoslavia would be available at their arrival, it required two reminders through the Embassy and mating until the end of June before these funds from the University of Ljutljans and were highly restricted in their work during this most essential period of time.

We are unable to include the report from the Yugoslavian team for the simple reason that aux they did not receive their part of the funds until at the end of July so they did not feel they had anything to report for the period when the funds were not in their hands. We will do our best to get their interim or final report as soon as they feel it can be completed.

Sincerely yours

Hyand Howard Rosele



YU-81001 LJUBLJANA
AŠKERČEVA 12-POB 141/3
(2 (081) 22-121
YUGOSLAVIA

REFA

Dec. 24/1972.

Dear Askell and Doris:

As always I hoped to write to you having the things clear but....

I am sorry hoth general things /Scopolia and Project/ are in Brepearing". The Project is completely in the hands of the Americans. From yugoslav side our project was presented to the Smithsonian Institution as a 5 years project. Therefore is no reason to present it again /these are official instructions/.

After your departure there was a lot of talking and writing about our work - the visits of the American Embassy were not only casual. More about it, when you come. When you will send the new financial program, please let me know the situation of the yugoslav part. I personally thing that the american side will be coverd only by the

Digitized open a students. I have some reason for that. It is clear Digitized open and institute torus of and the design mentation

his own vay.

To day I have been in the Computer Center where I have got the distribution lists of areas. In one of these days you will get also the new Chromocome list. The Scopolia paper is in print /Ernest was not delighted to be with us, so I heave out his name/. I am waiting for the first proofs every day.

At home is nothing new. The hous in Prevalje already has its roof and windows /without instalations/.

The mother is always the same - all others are well. Tomaž is in first steps of the puberty. Marjetka is every day noisier. On the Institute they have presuaded me to be director for the next period /my promise for only one year. Milan become quiter. In spring he will go to Dr.K.Jones for 2 -3 weeks /some weeks ago Dr.Jones was in Lj./. In March he can go with Time to the Central Africa where one of Slovenian enterprices cuts the wood. He will fix and collect material, of course. What do you mean? I enclose the picture of Favagera. Blanka is finishing the chromosome caunts of Luzula Slovenians.

A few month ago we have some political /positive/ shakings. But of course nothing like to make big exchanges.

Excause me for my silence - to all my best regards and

Moure

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THE NEW YORK BOTANICAL GARDEN BRONX PARK · BRONX 58 · NEW YORK

May 19, 1964

University of Colorado

Your circular of May 13 regarding an opening for a plant taxonomist at the University of Colorado is at hand. I would like to recommend a man whom you might not realize is available. That is Dr. Askell Love, now at the University of Montreal. He was born in 1916 in Iceland, and I believe he remains an Icelandic citizen. In spite of his age and a long list of publications, I believe you can get him as an Assistant Professor.

Dr. Love is a very able, extremely enthusiastic, hard-working, productive, and opinionated botanist. He attaches considerably more importance to chromosome number as a taxonomic character than the majority of taxonomists (including myself) now do, and this results in his reaching conclusions, in some instances, which are not in accord with those of most of his colleagues. However, I have a considerable sympathy for heretics; there is always a chance that they might be right and the rest of us wrong. Some of my own views on other taxonomicevolutionary matters are considered heretical by some of my colleagues.

Dr. Love got caught in a meat-grinder at the University of Montrealmentation does not exist there, and I could name two other very well known botanists who lost their jobs at the University of Montreal during the past decade under. conditions which would have made the A.A.A.U.P. scream bloody murder if it had happened in the United States. So Askell finds himself out of a job, and overqualified for most of the jobs available. The top jobs, on the other hand, go to people who are a little more orthodox, or who are unorthodox in approved ways.

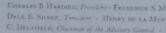
Dr. Love is a very good field man, as well as knowing his way around a cytological laboratory and an herbarium. He knows plants as they grow. He is a real naturalist in the best sense of the word.

Most of Dr. Love's work until now has been on boreal plants, but he is beginning to feel a bit cramped in the relatively impoverished arctic and subarctic flora, and he is extending his interest to other groups as well. You may be assured that if he comes to the University of Colorado he will quickly learn the local flora and start out to add to our knowledge and understanding









Dr. Love's appearance is rather striking, and in some respects reminiscent of the cartoon-image of a college professor. He has high cheek-bones, deep-set eyes, and slightly hollow cheeks. He wears his hair long and combed straight back. There is nothing in all this, however, to cause any embarrassment to his colleagues in his department or to the university. I don't doubt that some of the students will make fun of him behind his back, but that does not disturb me. I think that his combination of enthusiasm and knowledge of his subject will go over well with the students, and that he will be an effective teacher.

I should point out that Askell's wife, Doris, is also a Ph. D. in botany. She is very competent, and indeed there are those who think she is the better botanist of the two. Some of Doris' work is done strictly independently, and some in collaboration with Askell. She is very careful not to get in Askell's way and not to criticize him; I get the impression that she values her marriage more than her professional career. To my mind that is all to the good. If you hire Askell you will get two for the price of one.

If you want to avoid all controvery and hire someone who is safe, same, and dull, then Askell is not your man. If you want someone full of spirit and ideas, who may stumble sometimes but who brings life to the group and gets things done, then he is as good as anyone you will find, and better than most. I hope you take him.

Sincerely yours,

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Arthur Cronquist Curator

AC+dz

THE DEPARTMENT OF BOTANY

May 21, 1964

Dr. Robert W. Pennak, Chairman Department of Biology University of Colorado Boulder, Colorado

Dear Dr. Pennak:

I understand that Dr. Askell Löve, a cytotaxonomist with an international reputation, is currently looking for a position in a western University of the United States. His situation is so desperate that it appears that he could be induced to leave with an offer of an Associate Professorship or even Assistant Professorship.

His knowledge of the Colorado flora should be superb; his teaching ability is reportedly excellent; and his professional competence is of the highest. If he were added to your staff, this would give the University of Colorado, overnight, an Digitize international replication the free of aniosperm and colorado.

Dr. Harlan Lewis, Department of Botany, UCLA, knows Dr. Löve personally and he could give you any background you might want, as regards his personal attributes, etc.

For what it is worth, if we had such a position open at this University, there is no question but what we would give him number 1 consideration.

Most sincerely yours,

B. L. Turner
Professor

BIAT bh

UNIVERSITY OF CALIFORNIA

OFFICE OF THE DEAN COLLEGE OF LETTERS AND SCIENCE LOS ANGELES 24, CALIFORNIA

May 21, 1964

Professor Robert W. Pennak Department of Biology University of Colorado Boulder, Colorado

Dear Professor Pennak:

Thank you for the notice of a position in taxonomy in your department. I do not have a student to recommend at this time, but I would like to suggest that you give very careful consideration to the appointment of a somewhat senior man, namely for Askell Löve, 4525 Kensington Avenue, Montreal 28, Canada. He has a very envious international reputation and many outstanding publications in the application of cytological data to taxonomy. He is a very dynamic individual who would add prominence and stature to any biology department. I know that he is available for a new position, and I think it will be a very fortunate department that appoints him. Colorado is ideally situated for him to continue his outstanding work on arctic and alpine plants and for this would normally command.

Sincerely yours,

Harlan Lewis

Professor of Botany and

Dean, Division of Life Sciences

HL: jp

UNIVERSITY OF COLORADO MUSEUM

12 June 1964

Dr. Robert Pennak Biology Dept. Campus

Dear Bob:

I was able to meet with Dr. & Mrs. Askell Löve in Aspen yesterday evening and talked with them for two hours. I have known the Löves through their publications for some years, but I did not quite expect the fascinating people they turned out to be. I would strongly urge that he be offered an appointment at the highest rank available, for he is one of the leading minds around in biosystematics today. It happens that be a fluke we are able to get first crack at the opportunity. I'd summarize my impressions of him as follows:

1. Love is one of the leaders in biosystematic thought in the world.

He is articulate, has an infectious enthusiasm, is in active
contact with the people in the field, contributes by good publications, essays, symposia etc., is respected by the profession.

Digitizede hay been untaden stibling in Symbolitor incorpation cumentation scope, and in organizing biosystematic groups and serial publications in the cytotamonomic field.

- 3. He, like many European taxonomists, operates from a broad base of knowledge of all groups of plants, and would bring to the Rocky Mountains an insight into the taxonomic problems which abound here. The area has long needed an active man of his type to relate the Rocky Mountain biola with the broader circumpolar one.
- h. Doris Löve is a superior student in her own right, and the productivity of the family is almost evenly divided between the two. They are a very effective team, their children are grown so that they enjoy freedom to pursue their research more effectively than ever before. The Löve's are in the prime of their careers and from what I have heard from former students, they are extremely stimulating to graduate students. I also feel that he would bring to the Field Botany course a splendid background and the right kind of enthusiasm to make a fine thing of it.

Sincerely,

Will lock

William A. Weber Prof. of Natural History UNIVERSITY OF COLORADO

BOULDER COLORADO

DEBASTACHT OF DIDLOGS

June 11, 1964

Dear Bob,

Several days ago I agreed to give you my candid appraisal of Askell Love. These are my impressions.

Frankly, I found Professor Boye to be considerably different than I had imagined previously. While I had not not the man personally prior to today, many of my colleagues had. I received the impression from them that Dr. Love was a very tense and screwhat difficult man to be around. From my brief encounter with him today, I do not consider these reports to be completely valid.

of humor. Professionally, he is rather outspoken on certain martters, and a lot of people do not agree with him, including ryself. In fact when I came here one of my princ interests was to attempt to refute one of Unversides.

Districted by the further inclinate. For the fact in the thinking. The teaching duties did not seem to bother him, although we did not discuss it in too much detail. My only real doubts about him would concern the teaching problem, especially in Field Botany, since it is one of the few courses where we can attract Botany majors at an early stage of development. We should be excellent in the graduate courses, however, because of his great depth of probledge in the field and his considerable experience in the various floras of the world.

There is no doubt that his name would increase the stature of botany in this department. We one can work in the cytotaxonomy of the flora of the north temperate region without encountering his (and her) ubiquitous presence. The man is unquestionably a leader in the field, and might help the graduate program in botany considerably. His presence would lend a continental flavor to the department which might add just enough heterogeneity to make him really worthwhile. Furthermore, one should not neglect his wife in the overall consideration. I personally found her to be a charming person, and it must be remothered that she is also a Fh. D. in Botany. In fact I have heard it stated that she is possibly the best of the two. The two of them would certainly contribute a great deal to our knowledge of the flora.

Personally, I would be flattered to see a person of Live's stature assume my position in the department. One could ask for little more in terms of a successor. I recommend him most highly, and hope that it is possible to offer the position to him, at as high a rank and salary as is possible. In many ways it would be a travesty to offer him loss than a full professorship, but this is another matter entirely.

Del Wiens

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