

**THE BIRTH OF THE FEDERATION OF EUROPEAN SOCIETIES  
OF PLANT PHYSIOLOGY (F E S P P)**

**by**

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THE BIRTH OF THE FEDERATION OF EUROPEAN SOCIETIES  
OF PLANT PHYSIOLOGY (FESPP)

(A short review of the events in the 1970s which  
led to the official foundation of the FESPP in  
1978 in Edinburgh, compiled on the occasion of  
the 5th FESPP Congress 1986 in Hamburg)

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Hartmut K. Lichtenthaler



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PREFACE

The foundation of the European Societies of Plant Physiology took place during the 1st FESPP Congress which was held in July, 1978 in Edinburgh. In the first week of September 1986 the 5th FESPP Congress takes place in Hamburg. The Federation has become a living reality.

In recent years many scientific workshops (advanced courses) have been organized and sponsored by the FESPP. Three European journals, owned by member societies, are the official publications of the Federation. An impact of the FESPP is an increasing scientific cooperation among the plant physiologists all over Europe. In 1986 two FESPP awards are being given to young European scientists for the first time, and a FESPP emblem has been created.

It is time to ask how the Federation became started. What events preceded the official FESPP foundation? Who were the persons engaged in its birth? I have asked many European colleagues about these pre-Edinburgh events. On the basis of their replies I have summarized in the following exposé the birth of the FESPP. The appendix part of this report contains some original documents and letters as well as the personal reports of John Dale, René Heller and Henk Veen.

Karlsruhe, August 22nd, 1986

Hartmut K. Lichtenthaler  
Hartmut K. Lichtenthaler

## I. THE BIRTH OF THE FEDERATION OF EUROPEAN SOCIETIES OF PLANT PHYSIOLOGY

### The years from 1950 to 1970:

When after the 2nd World War in the beginning of the 1950s scientific research in the universities had started, again, new instrumentation (e.g. spectrophotometers) and methods (e.g. the radiolabelling technique) became available and could be applied in Experimental Biology. In the field of Experimental Botany and Plant Physiology this opened entirely new possibilities to study the metabolism of plants and plant cells and its regulation by endogeneous and exogeneous factors. Since most of the new techniques and methods were first available in the USA, numerous young European plant physiologists in the 50s and 60s spent a year or two as postdoctoral fellow or research associate in the leading US laboratories. The laboratory of Prof. Dr. Melvin Calvin in Berkeley, California may be named here as one of many examples. The European "postdocs" not only became acquainted with the new research techniques, but also with the open and stimulating discussion of science at the regional and main meetings of the American Society of Plant Physiology (ASPP). Having returned to Europe, they there introduced new techniques, developed them further and gave European research in plant physiology and plant biochemistry decisive new impulses. They stayed in contact with those European colleagues whom they had become acquainted with or had collaborated with in USA.

In time many new fields in plant physiology research opened and fast progress was made in these fields of experimental botany in many European countries. In some countries the annual meetings of the botanical societies provided space for their plant physiologists to expose and discuss their results, in others this was not the case. In the late 60s this then gave rise to the formation of independent societies of plant physiology in some European countries. For financial reasons it was impossible for most European scientists to participate in the yearly ASPP meetings in the USA. They all looked for a similar forum within Europe to present and discuss their results and to learn from each other. Often the scientific exchange started by inviting colleagues from other European countries to the meetings of the national society. The Society of Experimental Biology held joint meetings with Dutch colleagues. The scientific cooperation, which existed between 2 or 3 laboratories of different European nations, continued and proceeded in the 60s and early 70s on a larger scale, when individual laboratories started to organize European meetings on particular topics. This often brought plant physiologists together with physi-

cal and organic chemists and biochemists. Some of these meetings were continued and held regularly, such as the European meetings on photomorphogenesis of plants, the meetings on chemistry and physiology of carotenoids and especially the European meetings on photosynthesis (1962 Gif sur Yvette; 1965 Aberystwyth; 1968 Freudenstadt; 1971 Stresa; 1974 Rehovot; 1977 Reading, etc.), which in 1968 had developed into the International Congress of Photosynthesis. Another example may be given. I remember that P. Mazliak, J.F.G. M. Wintermans and H.K. Lichtenthaler had talked in 1972 in The Hague about a European cooperation and on the necessity of a plant lipid forum, which then, after a lipid meeting of the Biochemical Society in Norwich in 1974, led to the establishment of the international "European Plant Lipid Symposium" in Karlsruhe 1976 (organized by H.K. Lichtenthaler, M. Tevini, E. Heinz and H.K. Mangold), which has been held since then every 2nd year.

#### The early 70s:

By invitation to meetings of the national society of another country and by participation in European and international conferences, more and more European scientists had become acquainted with each other. At most of the meetings discussions started in small groups as to how the European cooperation, the communication of results and the exchange of ideas and methods could be enhanced. This was particularly needed for those scientists who worked in such isolated fields which at that time were being investigated by only a few groups in Europe. Only a European congress of plant physiology could provide a session devoted to such smaller fields. Of such a discussion which I had with P.E. Pilet at the Plant Tissue Culture meeting in Leicester University in 1973 organized by Prof. Street, P.E. Pilet now writes: "I remember well that we talked together during the meeting about a possible creation of a European society". Other colleagues have similar memories. Though most scientists agreed that something "European" had to be established and several colleagues, e.g. Paul E. Pilet, Lausanne and Hubert Ziegler, Munich, showed strong personal commitment, one must say that until the end of 1973 no direct measures were taken to achieve this goal. Apparently an additional impulse had to come from outside the European plant physiologists and their societies to bring about a European federation. This was given by the Committee of West European Science Research Councils (ESRC) as is described below.

### The role of the IAPP:

In the early 70s A. Burström was the president of the International Association of Plant Physiologists (IAPP) and Paul E. Pilet its Secretary General. The goal of the IAPP was to stimulate worldwide modern research in plant physiology and to bring about and to enhance the scientific cooperation among plant physiologists by meetings and workshops. P.E. Pilet, who had already founded the Swiss Society of Plant Physiology, did his best as Secretary-General of IAPP to activate the European plant physiologists to move towards a European cooperation or association. He remembers: "I think it possible to say that the necessity for creating this European association arose within the context of the International Association of Plant Physiologists (IAPP), of which I have been Secretary-General for several years. At that time H. Burström used to be the chairman and I remember quite well the meetings during which we discussed the creation of a European association who could - at least at the IAPP level - counterbalance our American colleagues' influence".

### The first Meeting of the IAPP in Würzburg:

During the meeting of the "Deutsche Botanische Gesellschaft" with Prof. W. Simonis as president, which was held in Würzburg from 23-29 September 1974, H. Burström and P.E. Pilet with the strong support of the Würzburg colleagues were able to realize in the same building the first meeting of the IAPP. Pilet suggested in his introductory speech that the participants should gather to talk about the creation of a European association and in fact a small meeting with about 25 colleagues came together to discuss possibilities for further European commitments.

The first IAPP meeting can be regarded as an important precursor of the later FESPP Congresses. The meeting consisted of two parts. I. Physiology and structure of plants with 4 Sections organized by P.E. Pilet, W. Simonis, A. Sievers, and part II: Plant productivity and water relations organized by O.L. Lange (see appendix 2). 80 abstracts and lectures were given. The participants and speakers came from 12 different countries including Israel, South Africa, Japan and the USA; most of them however, were from European countries.

To find a place to hold this first meeting of IAPP was not easy. Prof. W. Simonis in his letter indicated to me that P.E. Pilet had tried before



at several places and with several colleagues to arrange the 1st IAPP meeting without success, however. Very little financial aid came from IAPP to hold the IAPP meeting. The local organizers had to find the money themselves. The greatest support came from the International Union of Biological Sciences (IUBS) and from the Deutsche Forschungsgemeinschaft.

Prof. A. Quispel, the chairman of the IAPP since 1975, confirms the difficulties experienced by IAPP to find local organizers and gives more information on the intentions of the IAPP since the International Botanical Congress in Seattle 1969 (see appendix 3).

¶ In that very year 1974 the Würzburg meeting of IAPP was organized. This was the result of long-standing efforts by Burström as president and Pilet as secretary to stimulate conferences by IAPP. This was far from easy. At the International Botanical Congress in Seattle of 1969 it was realized that most participating countries were not in favour of special international conferences of plant physiologists between the international botanical congresses. One of the main difficulties for such conferences was that many parts of plant physiology were already discussed in special conferences (photosynthesis, growth physiology etc.) It therefore was preferred to organize conferences on special topics, more extensive than those which are appropriate for specialized symposia, but not covering the whole field of plant physiology. It was very difficult to find a country which was able to organize such a conference, but at a rather late moment the German plant physiologists proposed to organize a conference on structural aspects in plant physiology in cooperation with the "Tagung" of the Deutsche Botanische Gesellschaft". This conference certainly was a great success and it was decided to continue with conferences of this type."

Though the first IAPP Meeting was an important step towards the later formation of a European Federation, the ultimate decisive impulse came from a different quarter.

#### The meetings of the ESRC:

Professor R. Heller recalls: "The idea of creating a Federation of the European Societies for Plant Physiology arose from a general feeling during the seventies of the need for stronger cooperation between the scientific organisms of West European nations (and of the Eastern ones

too if possible). The impulse for the constitution of such federations was given by the ESRC (Committee of West European Science Research Councils)".

More and full details on this topic and how it came to the involvement of ESRC are given by Prof. A. Kylin, the editor of *Physiologia Plantarum*, who was engaged in ESRC activities. He remembers that the original suggestion "to form a Federation of European Societies of Plant Physiology living on money from a new journal in plant physiology sponsored by this Federation" came from Prof. Hubert Ziegler in Munich. A Kylin was exposed to H. Ziegler's suggestion and discussed it in the fall of 1973 with U. Lüttge during a visit to Darmstadt. During an ion transport meeting in Jülich in February 1974, the participants, including U. Lüttge and A. Kylin, discussed a European Federation and journal on the basis of Ziegler's suggestion and a detailed study "Botanical Publication in Sweden", which A. Kylin had worked out for the Swedish Natural Science Research Council (appendix 5). According to A. Kylin, the conclusion reached was, "that the best chance to get acceptance of a federation with a journal would be to arrange some sort of cooperation between society-owned or influenced journals of reasonable standard". A. Kylin then informed the Swedish and Danish Research Councils, which activated the Committee of the West European Science Research Councils (ESRC). After hearing A. Kylin on the matter, "the ESRC decided to set up, within the ESRC, an ad hoc group for the rationalization of scientific publication in Europe, and the Science Research Councils were invited to send representatives to a first meeting of the group in Copenhagen on October 7th, 1974. Prof. Egle became the representative of the "Deutsche Forschungsgemeinschaft" and Prof. Moyses that of CNRS in France. Unfortunately no British representative could be appointed, since the Research Council of the UK regarded publication as outside its responsibilities". The nominated representatives of Finland, Norway and Austria could not come.

Participants in this 1st ad hoc meeting were:

- Prof. Moyses, France (for the CNRS),
- Prof. Kylin, Denmark (for the Swedish Research Council SNF),
- Prof. Egle, Germany (for the DFG)
- Dr. P. Laur, Denmark (as host and for the Danish Research Council SNF),

Dr. H. Rundqvist, Sweden (Secretary of the Swedish  
Publication Board),

Mr. G. Friborg, Sweden (organizer and secretary of ESRC).

The group elected Prof. Kylin to their chairman for this and all following meetings. H. Rundqvist and A. Kylin, as chairman of the ad hoc group, were asked to immediately investigate the economic viability of a European journal and to ascertain whether the interest in a FESPP was serious, so that more concrete information would be available at the 2nd meeting of the ad hoc group in Munich, which H. Ziegler had called on October 18th, 1974.

In London they saw Charles Wittingham, the editor of the Journal of Experimental Botany, and editors of other British journals (e.g. Annals of Botany, Journal of Applied Biology). In Amsterdam they discussed with Dr. Paul Nijhoff-Asser of the STM (International Group of Scientific, Technical and Medical Publishers) and the people of the European Cultural Foundation, who were willing to support the start of a European journal with a suitable grant. In Paris, the CNRS had arranged a big get-together with French plant physiologists. At the ESRC meeting in Munich the personal views of Hubert Ziegler about a European Federation of Plant Physiology were discussed. The responses of all persons asked and involved were reasonably positive regarding the formation of a European journal of plant physiology. The British agreement was bound to the simultaneous establishment of a Federation of European Societies of Plant Physiology. H. Ziegler was asked to work out proposals for the structure and statutes of a FESPP by the next meeting of the ESRC ad hoc group in February 1975.

Hubert Ziegler, when asked about this matter, wrote to me (in German, my own translation follows): "The FESPP arose from efforts towards the Rationalization of Scientific Journals, in which Anders Kylin particularly was engaged. The idea of a FESPP came from me, as did the suggested statutes. I thereby had in mind the very successful FEBS (Federation of European Biochemical Societies), the statutes of which were taken as a model for those of the FESPP. I took advice from the presidium of the FEBS, which also recommended to elect a Dutch colleague as treasurer. The close adherence to the FEBS statutes resulted from the hope that in East European countries, one could refer to the FEBS as a precedent during the applications for joining the FESPP." (for original letter see appendix 26).

The ESRC Conference at Ronneby Brunn (Spa), Sweden on 26-28 February 1975:

To this conference were invited members of the ESRC ad hoc group and representatives of the major European Societies of Plant Physiology or botany. R. Heller wrote a very good summary of this conference (for his original letter see appendix 4):

"The ESRC conference on the rationalization of scientific journals in plant physiology at Ronneby Brunn, Sweden, on 26-28 February 1975 was partially devoted to a project for a Federation of the European Societies of Plant Physiology presented by Prof. H. ZIEGLER (FRG).

The participants were: Denmark, A. KYLIN; Finland, L. SIMOLA; France, A. MOYSE; FRG, H. Ziegler; Netherlands, H. VEEN and G. STARITZKY; Norway, K. FAEGRI; Sweden, T. INGESTAD, H. VIRGIN and H. RUNDQVIST; UK, B. LOUGHMAN; ESRC, G. FRIBORG.

Prof. ZIEGLER pointed out three possibilities for a closer co-operation in Europe in the field of plant physiology: (I) the creation of a European society for plant physiology, as had been suggested by Italian scientists as far back as 1967; (II) the creation of a federation; (III) the activation of the IAPP (International Association of Plant Physiologists). He stated that the German society opposed the first alternative and preferred the second one.

He presented a complete proposal for the statutes of the FESPP, modeled on the statutes of the FEBS (Federation of the Biochemical Societies). After a thorough discussion on a number of reformulations, the conference agreed to the draft statutes, which have remained unchanged since then, the present day statutes being only more precise as to the location of the Office - the Society for Exp. Biol. in England - and the adoption of English law, chosen for its flexibility".

An excellent report on this Conference was made by the ESRC (see appendix 6). The draft statutes for a FESPP presented by H. Ziegler are shown in appendix 8. The conference also agreed to draft statutes of a Foundation for a European Journal of Plant Physiology as proposed by A. Kylin (see appendix 9). The idea was to amalgamate the three journals owned by national societies (*Physiologia Plantarum*, *Physiologie végétale*, *Journal of Experimental Botany*) to a tri-lingual European journal. The Germans did not bring in a journal, since their journals (e.g. *Z. für Pflanzenphysiologie*) were not society-owned. The agreements of the Ronneby

conference were sent out to the national groups for further discussion and approval.

The ERCS ad hoc group meeting in Paris:

About the next meeting of the ad hoc group R. Heller writes:

"A second ESRC meeting in Paris (CNRS), on the 20 May 1975 gathered roughly the same participants as at Ronneby Brunn, minus L. Simola, V. Veen, G. Staritsky and H. Virgin, but plus L. NEIRINCKX (Belgium), P. CHAMPAGNAT, C. LIORET and J. TEMPE (France), E. VIELTEZ (Spain) and C.P. WITTINGHAM (U.K.). Prof. MARRE (Italy), H. VEEN (Netherlands) and P.E. Pilet (Switzerland) sent letters to apologize for their absence and to give their agreement to a FESPP.

The conference agreed with the conclusions of the meeting of Ronneby Brunn, added some details on the functioning of the Federation (financing, etc.) and the participants undertook to consult their national Societies.

An important decision was taken: to inform the East European Societies during the International Congress in Leningrad and to invite them to join the FESPP".

This was to be done through the IAPP and its Secretary General P.E. Pilet, to whom C.P. Wittingham had already written in this matter. From the report of the meeting it is clear that the participants agreed in principle on a fusion of the British, French and Scandinavian journals. Also discussed was the possibility of getting four publishing company-controlled plant physiology journals to become a second publication of the proposed federation later on.

The Informal IAPP meeting in Leningrad, 9 July 1975:

During the International Botanical Congress in Leningrad the Chairman of IAPP (H. Burström) apparently refused to put the issue of FESPP on the agenda of the IAPP and Paul-Emile Pilet as IAPP secretary arranged an informal meeting outside the official IAPP sessions. Charles Wittingham and Hubert Ziegler wrote of this informal gathering (appendix 10):

"During an informal meeting of the International Association for Plant Physiology (IAPP) on July 9, 1975, at Leningrad the following resolution was passed by colleagues of several European countries or regions

(Bulgaria, CSSR, France, FRG, GDR, Netherlands, Scandinavia, Switzerland, United Kingdom, USSR, Yugoslavia): "fourteen persons - national representatives of European societies of plant physiology and members of the IAPP - attended the IAPP Council meeting at Leningrad (session of July 9, 1975) and unanimously agreed that a Federation of European Societies of Plant Physiology (FESPP) should be created as soon as possible".

The foundation of the Interim FESPP:

Concerning the next meeting of the ESRC ad hoc group in Copenhagen R. Heller writes (appendix 4):

"In Copenhagen, on November 13-14, 1975 another ESRC meeting, took place with 17 participants, including the representatives of the national Societies of 10 European countries: Belgium, L. NEIRINCKX; Denmark, A. KYLIN; France, R. HELLER; FRG, H. ZIEGLER; Italy, F. SALA, Netherlands, H. VEEN; Norway, O. HEIDE; Spain, E. VIEITEZ; Sweden, T. INGESTAD; UK, J.E. DALE.

Whittingham and Ziegler (appendix 10) report on this meeting:

"During a meeting at Copenhagen on November 14, 1975, plant physiologists from 10 European countries (Belgium, Denmark, Federal Republic of Germany, France, Italy, Netherlands, Norway, Spain, Sweden, United Kingdom) decided that to make progress it was necessary to establish an Interim Federation of European Societies for Plant Physiology. Draft statutes for FESPP were worked out, closely following those of FEBS which will rule the Interim Federation. This Interim Federation exists to make all efforts to establish the final FESPP".

The following officers of the Interim Foundation were appointed:

Chairman:	Prof. C.P. Whittingham
Immediate past Chairman:	Prof. T. Ingestad
Secretary-General:	Prof. H. Ziegler
Treasurer:	Dr. H. Veen
Chairman of the Publications Committee:	Doc. S. Falk
Chairman of the Advanced Courses Committee:	Prof. M. Thellier

The Council decided to invite all societies concerned in Europe to

establish a Federation according to the draft statutes. The Society for Experimental Biology (United Kingdom) have already committed themselves to join the Federation.

The first General Assembly and scientific meeting of the Federation shall take place in Edinburgh July 1978. Host society will be the Society for Experimental Biology (UK) ."

Letter of invitation to join the FESPP:

In January 1976 an invitation letter for the chairman (C.P. Wittingham) and Secretary-General (H. Ziegler) of the Interim FESPP) was sent to all European organizations concerned with plant physiology to join the Federation (full text see appendix 10):

"On behalf of the council of the Interim Foundation we invite your Society cordially to join the Federation of European Societies of Plant Physiology (FESPP). We would be grateful if you would ask the responsible institution of your Society to make such a decision and if you would inform us about this."

In this letter additional information was given that this Federation was open to all countries of the European area, 2. "Plant Physiology" should be taken in a broad sense, 3. the membership fee should be the equivalent of 10.-DM (German Marks) and 4. the FESPP would become a member of IAPP and not compete, but closely co-operate with IAPP.

The Meeting of the Interim FESPP Council in Vienna ,

The first meeting of the Interim Council of FESPP was held on 4-5 February 1977 in Vienna (see appendix 11,12). Vienna was chosen because it was hoped that this city would facilitate the participation of East European colleagues. René Heller reports that the following were invited to the meeting:

"The first meeting of the Council of the Interim FESPP occurred in Vienna, February 4, 1977, with the Officers, and the Delegates of the Constituent Societies: Austria (H. Kinzel), Belgium (L. Neirinckx), France (R. Heller), FRG (H. Ziegler), Italy (F. Sala), Netherlands (H. Veen), Poland (W. Maciejewska-Potapczyk), Portugal (J. Contreiras), Scandinavia (Denmark, Finland, Norway, Sweden) (O. Heide), Spain (E. Vieitez), Switzerland (P.E. Pilet), UK (C.P. Whittingham), Yugoslavia (M.R. Saric), as also the contact persons of invited Societies: Bulgaria (T.G. Kudrev), Czechoslovakia (M. Kutacek), GDR (B. Parthier), Hungary (G.L. Farkas), Ireland (J.J. Moore), Israel (Y. Leshem), Rumania (L. Atanasiu) and URSS (V. Kefeli)".

John Dale recalls (appendix 13):

"Those present included C. Whittingham, H. Ziegler, H. Veen, S. Falk, M. Thellier (Officers) together with J.E. Dale, G.L. Farkas, O. Heide, R. Heller, H. Kinzel, W. Maciejewska-Potapczyk, L. Neirinckx, P.E. Pilet, F. Sala, M.R. Saric, and E. Vieitez (National delegates); representatives from Portugal, Bulgaria and USSR regretted that they were unable to attend and no response was received from CSSR, DDR and Romania.

The draft statutes circulated earlier had met with general approval but it was agreed that their final ratification should be made by members of the Federation at the First Congress. Much of the discussion then centred on ways of financing the Federation and arrangements for interim funding were agreed. The choice of a Dutch colleague as treasurer turned out to be excellent and Henk Veen's skill at managing the financial affairs of the Federation in the early days needs the highest recognition.



The Vienna meeting also devoted much time to considering the arrangements for the scientific base of the Edinburgh Congress. Dates were agreed and the policy of having a formal lecture programme on which all member Societies would be represented, supplemented by poster presentations and workshop discussions based on these was decided. Two major themes for the meeting were agreed - Plant Growth and Development, and Transport in Plants - it being thought that these would maximise interest and attendance at this inaugural Congress. Detailed time scales for circulating Congress information, calls for papers, booking arrangements, programme construction etc. were discussed and the long time needed to plan such Congresses was recognised; the timetable drawn up for the Edinburgh meeting was to be used again in the planning of later Congresses. A Congress Executive Committee was appointed consisting of J. E. Dale, G.L. Farkas, O.Heide and P.E. Pilet. The wide spread of national representation on this committee was felt to be important so that the work of the Federation would not be seen as being dominated by the largest national societies; indeed in these early days the need to involve as many member societies as possible was paramount in most of our minds . "

Report of the Treasurer of FESPP Henk Veen:

In his report on the Vienna meeting where he firstly presented a financial balance Henk Veen writes (appendix 14):

"In Vienna, I presented for the first time a FESPP balance. At that time 5 societies had paid a donation of DM 200,-. The financial situation improved fast. In 1977 12 societies had paid their DM 200,- donations (appendix 15). From 1978 on the societies paid DM 10,- per member. The Scandinavian society, the Netherlands, and the Spanish society paid their membership fees.

Finally, I would like to mention some organizations who supported us financially: 1. Springer Verlag with DM 1000,- 2. International Union of Biological Sciences with \$ 500,- to organize the Edinburgh meeting and 3. first of all the Society for Experimental Biology who decided to subscribe for membership fees up to 400 unnamed members (5.1000,-). This has been done for three subsequent years (78,79,80).

This was a real donation, as the S.E.B. at that time did not ask their individual members to pay their DM 10,-. "

The Meeting of the Executive Committee of the Interim FESPP:

The Executive Committee of the Interims FESPP met once in Paris, on 27 November 1977 and decided the detailed outline of the Edinburgh meeting. John Dale reports: "Although most effort at this time was going into arrangements for the inaugural Congress it was recognized that Publications policy and arrangements for Advanced Courses or Workshops, to be held separately from the main Congress, were important. These matters were also discussed but no major decisions were taken, indeed progress was very slow in these areas".

The official foundation of the FESPP in Edinburgh:

During the Inaugural FESPP Congress in Edinburgh from 10-14 July 1978 a meeting of the Interim FESPP Council (11 July 1978) and a Plenary Session (General Assembly, on 13 July 1978) were held. At the meetings of the Interim FESPP several matters were prepared for the Plenary Session (see appendix 16). The Interim FESPP gave place to the permanent FESPP by acceptance of the FESPP statutes, by the election of new officers etc. (see report of the session appendix 17). The new official FESPP Council met for the first time after the Plenary Session on 13 July 1978 (see appendix 18). R. Heller writes: "Then the Federation had become functional, and under the guidance of its Board and Council acquired the development and prestige which it carries now".

The official address lists of National Delegates of 1980 and 1984 as well as a speech of thanks, given at the General Assembly 1984 in Strasbourg, are enclosed in appendices 20 to 22.

The three FESPP Journals:

After the Ronneby Brunn meeting in February 1975 the chances for a fusion of the three national society journals-Physiologie végétale, Physiologia Plantarum and Journal of Experimental Botany-looked reasonable good. In the fall of 1975 C.P. Whittingham, however, informed A. Kylin that the Society of Experimental Botany was no longer willing to let their journal take part in an amalgamation.

Further negotiations between the French and the Scandinavian societies were started at a small meeting on 15-16 January 1976 in Copenhagen with R. Heller, A. Kylin and others as participants. Complete agreement was

reached. But then a few changes occurred in the policies of CNRS and of the publisher of *Physiologie végétale*, of which A. Kylin was informed in July 1976 in Paris. This marked the end of the attempts to create a European counterpart on a level with the American "Plant Physiology" as A. Kylin recalls. He also states that in his opinion the example of *Physiologia Plantarum* taught the British and the French how to make their journals economically sound - although as yet without much benefit for the FESPP as a whole.

At the meeting of the FESPP Council in Santiago de Compostela in 1980, further attempts were made to create a FESPP journal. There was a broad agreement that the Scandinavian journal could possibly start as FESPP journal with the new name "*Physiologia Plantarum*, FESPP Series". In the hope that the British and French journals could eventually still be won for a fusion, no further measures were taken without the agreement of the British and French.

In the meantime there developed - largely due to initiatives of Walter Schwabe - a close co-operation between the journals and good personal contacts between their editors J. Guern, A. Kylin and W. Schwabe. All three journals - *Physiologie végétale*, *Physiologia Plantarum* and *J. Experimental Botany* - are today official journals of the FESPP and as part of their co-operation they publish a common index periodically. In its present forms the co-operation, however, costs money instead of creating money as it should have done in the original model of the amalgamation. This and new developments may also start in future different forms of co-operation. For instance new electronic devices will create new forms of publication. The Deutsche Botanische Gesellschaft, which is changing its "Berichte" into the journal "*Botanica acta*", is seeking to become the fourth official journal of the FESPP. In my opinion the Federation should think of creating a fast-publishing journal "FESPP Letters", analogous to the successful FEBS-Letters, which could exist beside the other official journals and bring benefit to the FESPP.

FESPP Diploma:

When looking back to the years before the official foundation of the FESPP - that are the years before the inaugural Congress in Edinburgh 1978 - among the many colleagues, who had been engaged in the foundation of a federation, the names of six appear in most of the letters, reports and documents, I have obtained. These are Anders Kylin, Hubert Ziegler, Paul-Emile Pilet, René Heller, Charles P. Whittingham and Henk Veen. All of them had in their own ways and in various forms been very active in eventually bringing about the present European Federation of Plant Physiology. It is a great pleasure to honour these esteemed colleagues at the 5th Congress of FESPP in Hamburg by a Diploma. The text is:

"The Federation of European Societies of Plant Physiology bestowes this Diploma as a token of thanks for his meritorious and selfless services towards developing and encouraging the idea of the FESPP as a European Organization of distinguished scientists from the early 1970s until its official foundation in 1978." (For original diploma see appendix 23).

The 5 Congresses of the FESPP:

1st FESPP Congress (Inaugural Congress) in Edinburgh, U.K.,

from 10 to 14 July 1978

Chairman: Charles P. Whittingham

(More than 500 participants from 26 countries, 18 lectures by invited speakers, 300 posters and 8 poster discussion workshops)

2nd FESPP Congress in Santiago de Compostela, Spain,

from 27 July to 1 August 1980

Chairman: Ernesto Vieitez

(500 participants; 79 lectures by invited speakers; 328 posters and 5 workshop sessions)

3rd FESPP Congress planned for Warsaw, Poland

from 5-10 September 1982

which later had to be cancelled due to the political situation in the host country

Chairman: Roman Antoszewski

(8 sessions with about 50 lectures and with poster demonstrations were planned; see appendix 24)

4th FESPP Congress in Strasbourg, France

from 29 July to 3 August 1984

Chairman: Henri Duranton

(ca. 600 participants; 8 sessions with 65 invited speakers, 4 Round Table Discussions, 430 posters).

5th FESPP Congress in Hamburg, Federal Republic of Germany

from 31 August to 4 September 1986

Chairman: Hartmut K. Lichtenthaler

(ca. 700 participants from 36 countries, 16 sessions with 140 speakers, 350 posters and 16 poster discussion workshops).



FESPP Emblem created in 1986 and presented for the first time at the 5th FESPP Congress in Hamburg.

## II. THE INDIVIDUAL SOCIETIES OF PLANT PHYSIOLOGY IN EUROPE:

Parallel to the foundation of the FESPP, the national Botanical Societies of some member countries formed Sections of Plant Physiology, which then became members of the FESPP e.g. the Netherlands, West Germany (F.R.G.) and Poland. In other countries (e.g. Belgium and Spain) Societies of Plant Physiology were founded parallel to the foundation of the FESPP, whereas in some countries (e.g. France, Switzerland and Scandinavia) Societies of Plant Physiology already existed long before the creation of the European Federation. Some information on national societies or sections of plant physiology which I learned during my inquiry into the development of the FESPP is summarized on the following pages.

### Österreichischer Arbeitskreis für Pflanzenphysiologie (ÖAPP), Austria:

When the International Association of Plant Physiology (IAPP) in the 70s started its activities in Europe an Austrian society of plant physiology was founded by Prof. Dr. H. Kinzel, Vienna, and colleagues, in order to make sure that Austrian physiologists could participate within the IAPP. The name "Österreichischer Arbeitskreis für Pflanzenphysiologie" was chosen in order that its abbreviation ÖAPP should resemble that of the international association IAPP. When the European Federation FESPP was created, the ÖAPP under Prof. Dr. H. Kinzel as chairman became affiliated to the FESPP.

### Belgian Association of Plant Physiology:

In Belgium there had been no contacts with other European physiologists concerning the establishment of the FESPP before 1978. The first contacts between the FESPP and Belgian physiologists were established after the 1st Congress of FESPP in Edinburgh when the Belgian Association of Plant Physiology (BAPP) was founded in October 1978.

Dr. R. Marcelle (St. Truiden), Dr. C. Van de Walle, Prof. Dr. H. Clijsters (Hasselt) and Prof. Dr. Fredericq (Gent) proposed the establishment of this Society. Prof. Dr. C. Sironval (Liège) was elected the first president. The affiliation of the BAPP to the FESPP occurred on 21st October 1978. The present national delegate is Prof. Dr. J.P. Verbeelen (Wilrijk).

French Society of Plant Physiology (FSPP):

The French Society of Plant Physiology (Société Française de Physiologie Végétale = SFPV) was founded around 1959, as a dissident branch of the French Botanical Society. The plant physiologists who founded the FSPP (= SFPV) were Professors Combes, Chouard, Ulrich, Moyse, Camus and Heller. The discussions (among French plant physiologists) on a European cooperation began when Professors Alexis Moyse and P. Champagnat were presidents of the FSPP and later continued with the strong support of Prof. René Heller, who became president of the SFPV in May 1975.

He had, even before, been actively engaged in the "European discussion" as secretary and as a Council member of the society with particular responsibility for foreign relations. He was greatly assisted by Prof. Dr. Paul Mazliak, Paris, who acted as Secretary of the SFPV from 1974 to 1978. When the arrangements for the foundation of the FESPP were made about 1978, the Council of the Société Française de Physiologie Végétale voted to affiliate the SFPV to the European Federation. The present national delegate of the SFPV is Prof. Paul Mazliak. On a meeting of the FESPP Executive Council in Leiden in spring 1982 it was decided that the French Society would be host of the 4th FESPP Congress with Prof. Henri Duranton as chairman.

Sektion Pflanzenphysiologie der Deutschen Botanischen Gesellschaft (DBG), FRG:

The German Botanical Society, which was founded in 1882, held its meeting in September 1974 in Würzburg with Prof. W. Simonis as president. The DBG and the Institut für Botanik und Pharmazeutische Biologie, Würzburg (Professors W. Simonis, O.L. Lange, F.C. Czygan) were also hosts of the first meeting of IAPP (International Association of Plant Physiology), which was held from September 23rd to 29th, 1974 parallel to the meeting of the DBG. This 1st IAPP meeting, which can be regarded as the first decisive step towards the formation of a European Federation, was initiated by IAPP Secretary-General, Prof. P.E. Pilet (Lausanne), aided by Prof. H. Ziegler, the Würzburg colleagues, and by Prof. Dr. K. Egle (Frankfurt), who provided a substantial financial aid from the International Union of Biological Sciences (IUBS). K. Egle was the German and DFG representative at the 1st ESRC ad hoc meeting in Copenhagen (October 7th, 1974) and H. Ziegler the host of the 2nd ad hoc meeting on Oct. 18th, 1974 in Munich. In 1975, after the ESRC meeting in Ronneby Brunn (Sweden), the informal IAPP meeting in Leningrad and the establishment of the Interim FESPP on November 14th of the ESRC

meeting in Copenhagen, H. Ziegler, the Secretary-General of the Interim FESPP, informed the members of the DBG and received the approval of the plant physiologists at the DBG meeting in summer 1976.

A preliminary Section of Plant Physiology of the DBG was formed under the guidance of H. Ziegler. The managing Committee of the DBG, however, feared that the establishment of this Section of plant physiologists around H. Ziegler could eventually lead to a split in the German Botanical Society. In order to facilitate the final approval of the presidency of the DBG, for the formation of the Section, H. Ziegler unselfishly stood back and proposed that other colleagues should be elected. Instead of him Peter Böger (Konstanz) was elected as chairman of the section (Sektionsvorsitzender) and national delegate to the Interim FESPP and as his deputy Ulrich Lüttge (Darmstadt). After the final establishment of the FESPP in July 1978, at Edinburgh, where Peter Böger was elected chairman of the Advance Courses Committee of the FESPP, a "Geschäftsordnung" for the Sektion Pflanzenphysiologie of the DBG was approved (at the meeting of the DBG in September 1978 in Marburg) and Ulrich Lüttge was elected Sektionsvorsitzender and Hartmut Lichtenthaler (Karlsruhe) as his deputy. In 1980, U. Lüttge retired and H. Lichtenthaler was elected as Sektionsvorsitzender and FESPP-delegate and later confirmed until 1986. Prof. Martin Bopp (1980-1982) and Prof. Nikolaus Amrhein (1982-1986) served as deputies. During the 5th FESPP Congress in Hamburg 1986 the Sektion Pflanzenphysiologie of the DBG will elect a new chairman. The original number of German FESPP members has increased from ca. 100 in 1978 to 280 in 1986.

In 1984 the FESPP Council and the General Assembly accepted the invitation of the Sektion Pflanzenphysiologie of the DBG to be host of the 5th FESPP Congress in Hamburg with Hartmut Lichtenthaler as chairman of the FESPP Council and the Hamburg colleagues A. Weber and K. Dörffling as chairman and secretary of the Organizing Committee.

#### Greek Group of Plant Physiologists:

When in 1966 the plant physiologist Dr. K. Mitrakos was appointed as professor and head of the Institute of General Botany of the University of Athens he sought contacts with colleagues from other European countries in order to overcome the isolated situation of Greek plant physiology. His contacts with Professors Bünning, Haupt and Mohr as well as the participation in the frequent European Photomorphogenesis Meetings were important steps for the Greek plant physiologists towards an European co-



operation. One of these photomorphogenesis meetings was organized by K. Mitrakos in Greece in 1971. Together with Professors F. Lona (Italy), Y. Vardar (Turkey), F. Latarino (Portugal) and A.J. Vlitos he founded in 1971 the "Mediterranean Society for Applied Plant Physiology", which organized two symposia, in Portugal on "Ceratonia siliqua" in 1978 and in Greece on "photosynthesis, primary production and biomass utilization in mediterranean type ecosystems" in 1980. After the 1st FESPP Congress in Edinburgh, the Greek group of plant physiologists under K. Mitrakos became affiliated to the FESPP.

#### The Hungarian Plant Physiologists:

Prof. Dr. Gábor L. Farkas, Szeged, was actively engaged at an early stage in the pre-Edinburgh events which finally led to the formation of the FESPP. For health reasons he could not participate in all activities, but he took all necessary measures and received the agreement of the Hungarian academy of Sciences so that Hungarian plant physiologists could join the FESPP. He was greatly assisted by Prof. Dr. Agnès Faludi, Szeged. Since the Hungarian plant physiologists did not have their own physiological society - the individual scientists acted in special sections of the Biological, Biochemical and Biophysical Societies -, a National Committee for the FESPP was established on January 27th, 1981 with Prof. Dr. Gábor L. Farkas as president and Dr. Pál Maliga as secretary. This Hungarian National Committee became affiliated officially to the FESPP in 1982, with Prof. Dr. László Erdei, Szeged, as National Delegate. The Hungarian plant physiologists, however, had actively participated in the 1st and 2nd FESPP Congresses (in 1978 and 1980). G.L. Farkas had been elected a member of the Advanced Course Committee of the FESPP in 1978.

Within Hungary the National Committee for the FESPP successfully organized the 1st and 2nd Hungarian Congresses for Plant Physiology ( in 1982 and 1985) with more than 100 participants. The Hungarian plant physiologists gladly acknowledge that the establishment of a National Committee for Plant Physiology, the activation of Hungarian plant physiologists and the two Hungarian Congresses are due to the beneficial impact of the FESPP. It is a pity that two esteemed Hungarian colleagues died much too early, Prof. Gábor Farkas on April 14th, 1986, at the age of 61, and Prof. Agnès Faludi on May 18th, 1986, at the age of 56. Their activities and commitment to the FESPP will never be forgotten.

#### The Plant Physiologists of the Netherlands :

Before the creation of the FESPP the plant physiologists of the Netherlands belonged to the Royal Botanical Society of the Netherlands (Koninklijke Nederlandse Botanische Vereeniging). In the years before the establishment of the FESPP, Dr. Henk Veen, Wageningen, was the Secretary of the Royal Botanical Society and he was a very active and early promotor of the European Federation. Within the Royal Botanical Society a Committee for Plant Physiologists was formed, which is a member of the FESPP. Henk Veen was the Treasurer of the FESPP even before its official foundation. Before the creation of FESPP the Dutch plant physiologists had several contacts with other organizations in Europe and with Germany in particular. Present National Delegate: Prof. Dr. Gerard W.M. Barendse.

#### The Plant Physiologists in Poland :

The Polish Botanical Society (with its Plant Physiology and Biochemical Section) were interested in the affiliation to FESPP from the very beginning in 1975, when the idea of The Federation was put forward at the informal IAPP meeting during the International Botanical Congress in Leningrad. At first Prof. Dr. W. Maciejewska-Potapczyk was asked by the Polish Botanical Society Board to get in touch with the FESPP organizers and then, in 1977, Prof. Dr. Roman Antoszewski was authorized to prepare all the necessary steps for the affiliation of the Polish Botanical Society to the FESPP. In 1978 about 100 Polish plant physiologists declared their wish to become members of the FESPP. 10 of them attended the Congress of FESPP in Edinburgh in July 1978. Prof. Alicja Szwejkowska was invited to give a plenary lecture and Prof. Roman Antoszewski to be the chairman of a workshop at the 1st FESPP Congress. The FESPP Council in Edinburgh agreed to accept the Polish proposal that the membership fees from the countries with no convertible currencies could be paid in local currency into a local bank account. This decision made it possible to receive the agreement from the Polish authorities for the affiliation of the Polish Botanical Society to the FESPP. The affiliation was finally achieved by the end of 1978 and R. Antoszewski was appointed as National Delegate. During the following years the number of Polish members of FESPP increased up to about 170.

During the 2nd Congress of FESPP in Spain 1980 the Polish representatives (Prof. R. Antoszewski and Prof. Dr. Alina Kacperska) proposed to organize the 3rd FESPP Congress in Warsaw. The proposal was accepted by the FESPP Council and the General Assembly, and Prof. Dr. Roman Antoszewski was appointed as new President of the FESPP for the period 1980 to 1982. The Polish colleagues of the Organizing Committee of the 3rd Congress of FESPP had taken all steps to prepare an interesting FESPP Congress (see appendix 24) but due to martial law, which was proclaimed in 1981, the Congress could not be held. Today 150 Polish scientists are members of the FESPP. The present Polish national delegate to FESPP and the leader of the Plant Physiology and Biochemical Section of the Polish Botanical Society is Prof. Dr. Alina Kacperska. The Polish colleagues greatly appreciate that they can publish without costs in the 3 FESPP Journals and that they can participate in the FESPP Congress and in workshops sponsored by the FESPP; this is often only made possible by financial support from FESPP.

#### Societas Physiologiae Plantarum Scandinavica :

The Scandinavian Society for Plant Physiology, comprising the colleagues of Denmark, Finland, Norway and Sweden and their journal *Physiologia Plantarum*, existed long before the discussions on a European federation of plant physiologists started. The Scandinavian example certainly functioned as a model for the European federation. Certainly all Scandinavian colleagues sought a European association; those who - to my knowledge - were associated in the pre-Edinburgh events, were especially Anders Kylin as well as T. Ingestad, O.E. Heide, Hemming Virgin, K. Faegri and H. Rundqvist.

#### Sociedad Española de Fisiología Vegetal, Spain :

In October 1974 a small group of plant physiologists working in universities and in the Council for higher scientific research (CSIC) gathered in the Isla de la Toja and agreed to form the Spanish Society of Plant Physiology with Prof. Dr. E. Vieitez as president. The Society grew rapidly from 32 members in 1976 to about 250 in 1980 and successfully stimulated the research in plant physiology in Spain. The first national Congresses of the Spanish society were held in Teneriffe (1976) and Granada (1978). E. Vieitez, who had actively been engaged in the creation of the FESPP, affiliated his Spanish Society of Plant Physiology to the newly founded FESPP in 1978.

At the 1st FESPP congress in Edinburgh the FESPP Council and General Assembly accepted the invitation of the Spanish society to hold the next FESPP Congress in Spain. The 2nd FESPP Congress, which was a great success, was held in Santiago de Compostela from July 27th to August 1st, 1980 with Prof. Dr. Ernesto Vieitez as FESPP president and Dr. Antonio Bal-  
lester as Congress Secretary.

Soci t  Suisse de physiologie v g tale (SSPV), Switzerland:

The Swiss Society of Plant Physiology was founded by Prof. Dr. Paul Emile Pilet, Lausanne, in the 60s, long before the creation of FESPP. Prof. Pilet was the chairman of the Swiss Society (for some fifteen years) right from the beginning. Being a very active promotor of international and in particular of European cooperation among plant physiologists he also took the necessary steps to arrange for the SSPV to become a member of the FESPP. He also was the national delegate of the SSPV to the FESPP for a long time. Present Swiss delegate Prof. Dr. S. Frosch.

The Society for Experimental Biology (SEB), U.K.:

This Society comprises a Zoology and a Botany Division and was the host Society of the 1st FESPP Congress in Edinburgh in July 1978. A distinction between experimental botanists and plant physiologists was originally not made, the SEB paid the FESPP fee for 400 members and therewith helped the young Federation to get started financially. When later in the 80s an inquiry was made among the SEB members a lower number than the 400 paid for and subscribed to FESPP. Engaged in the pre-Edinburgh events were primarily C.P. Wittingham, Brian Loughman and John E. Dale.

The list is not complete. It is as good as the information I have obtained during my inquiry on the birth of FESPP. More data must be gathered on the development of the Societies or Sections of Plant Physiology in the individual countries.

ACKNOWLEDGEMENTS

I wish to thank all colleagues, who have taken the time to provide me with original letters and documents concerning the pre-Edinburgh events and with reports of their personal memories of the foundation of the FESPP. These are particularly: J.E. DALE, Edinburgh; R. HELLER, Paris; A. KYLIN, Lund;

P.E. PILET, Lausanne; H. VEEN, Wageningen and H. ZIEGLER, München, as well as the colleagues A. BALLESTER, Santiago de Compostela; G.W.M. BARENDSE, Nijmegen; L. ELIASSON, Stockholm; L. ERDEI, Szeged; A. FALUDI, Szeged; O.M. HEIDE, Ås/Norway; A. KACPERSKA, Warsaw; H. KINZEL, Wien; P. MAZLIAK, Paris; K. MITRAKOS, Athens; A. MOYSE, Paris; A. QUISPEL, Oegstgeest; M.A. SARIC, Novi Sad; W. SIMONIS, Würzburg; C. SIRONVAL, Liège; E. VIEITEZ, Santiago de Compostela; H. VIRGIN, Göteborg.

Without their help this report on the "Birth of the FESPP" could not have been written. I am also very grateful to my wife Regine and my sons Stefan, Eckhard and Ulrich, who accepted that - due to the preparation of this report - the family summer vacation 1986 was reduced to a short visit to Alsace.

August 22nd, 1986

Hartmut K. Lichtenthaler



STEPS TO THE FOUNDATION OF FESPP (a summary)

- Early 70s: Most European plant physiologists wanted to have something European as an equivalent to the US colleagues' ASPP.
- Fall 1973 A. Kylin discusses with U. Lüttge in Darmstadt the idea of H. Ziegler for the formation of a Federation of European Plant Physiologists with a journal analogous to the FEBS of the biochemists.
- February 1974: Ion Transport meeting in Jülich, FRG. Discussion of the participants of a Federation: Conclusion to start with a co-operation of Society-owned journals.
- Spring 1974: A. Kylin activates the Committee of West-European-Science Research Councils (ESRC) on the basis of the conclusions of the Jülich meeting.
- 23-29 September 1974: First Meeting of the IAPP in Würzburg. Initiated by P.E. Pilet and H. Burström and organized by P. Pilet, W. Simonis and others, parallel to the "Tagung" of the "Deutsche Botanische Gesellschaft". Discussions on a European association or federation.
- 7 October 1974 1st informal meeting of the ESRC ad hoc group on "Rationalization of Scientific Publication" in Copenhagen. A. Kylin elected Chairman of the ESRC ad hoc group.
- 18 October 1974 2nd meeting of the ESRC ad hoc group in Munich. H. Ziegler explains in detail his ideas of a FESPP and a European journal.
- 26-28 February 1975 ESRC Conference of the ad hoc group at Ronneby Brunn, Sweden. Presentation and approval of draft statutes for a Federation by H. Ziegler. Presentation and approval of draft statutes for a European journal by A. Kylin.
- 20 May 1975 ESRC meeting of the ad hoc group in Paris. General

- agreement on the conclusions of Ronneby; decision to inform the East European Societies on the International Botanical Congress.
- 9 July 1975: Informal IAPP meeting in Leningrad. General agreement on the creation of a FESPP.
- 13-14 November 1975: Foundation of the Interim FESPP in Copenhagen.
- 4-5 February 1977: Meeting of the Interim FESPP Council in Vienna.
- 27 November 1977: Meeting of the Executive Committee of FESPP in Paris (preparation of the inaugural congress in Edinburgh).
- 10-13 July 1978: First FESPP Congress (Inaugural Congress) in Edinburgh.
- 11 July 1978: Last meeting of the Interim FESPP Council.
- 13 July 1978: Plenary Session: Ratification of the FESPP statutes and official foundation of FESPP. Elections of new Officers.
- 13 July 1978: 1st meeting of the new and official FESPP Council in Edinburgh.



**International Association of Plant Physiology  
(IAPP)**

**First Meeting in Würzburg, Sept. 23–29, 1974**

**Abstracts**

**Würzburg 1974**

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Note: The abstracts are arranged in the order of the papers presented in each section.

● APPENDIX 3: Letter of Prof. A. Quispel on IAPP and FESPP

PROF. DR. A. QUISPEL

2341 LP OEGSTGEEST, 20 may 1986  
HOFBROUCKERLAAN 40

Dear Dr. Lichtenthaler

Your letter about the foundation of FESPP is not so easy to answer since I was not involved in the foundation as such. Certainly Henk Veen from the Centre of Agrobiol. Research (CABO) in Wageningen can tell you more about it. My remembrances concern the relation with IAPP and the preceding efforts for European cooperation by the British Society Experimental Biology.

Since 1947 there existed a close cooperation between experimental biologists in Great Britain and Holland thanks to an initiative by the late Professor of animal endocrinology in Utrecht G.J. van Oordt. Every two years there was a joined meeting, including animal and botanical physiologists, either in England or in Holland. Since 1959 this cooperation was extended to the Scandinavians and in the early seventies to other European countries. This led to a special meeting in Cambridge 1974 where representatives from several European countries were invited to discuss the future of cooperation between experimental biologists in Europe, during the fiftieth anniversary meeting of the SEB. This was the last "European" conference of the SEB since from then the plans for a special FESPP were developed. I suppose that these plans were partially stimulated by the initiatives of the SEB, but it may be that both initiatives coincided.

In that very year 1974 the Würzburg meeting of IAPP was organized. This was the result of long-standing efforts by Burstrom as president and Pilet as secretary to stimulate conferences by IAPP. This was far from easy. At the International Botanical Congress in Seattle of 1969 it was realized that most participating countries were not in favour of special international conferences of plant physiologists between the international botanical congresses. One of the main difficulties for such conferences was that many parts of plant physiology were already discussed in special conferences (photosynthesis, growth physiology etc.). It therefore was preferred to organize conferences on special topics, more extensive than those which are appropriate for specialized symposia, but not covering the whole field of plant physiology. It was very difficult to find a country which was able to organize such a conference, but at a rather late moment the German plant physiologists proposed to organize a conference on structural aspects in plant physiology in cooperation with the "Tagung" of the Deutsche Botanische Gesellschaft". This conference certainly was a great success and it was decided to continue with conferences of this type.

The most appropriate year for such a conference was some years after the Leningrad Botanical Congress and, since from then I happened to be President of IAPP, I was very glad that the Canadian Society of Plant Physiology was willing to organize a conference on the interactions of C and N metabolism in Calgary for 1979, which later had to be postponed to 1980. Unfortunately there must have been some severe misunderstandings between the <sup>the</sup> present secretary and the Canadian plant physiologists so that all possibilities to help our Canadian friends to obtain funds through IAPP from the IUBS failed. At the conference I was the only representative of IAPP, from which we had to conclude that joint meetings with IAPP were far from successful. IN Sydney the present and active secretary of IAPP made the important suggestion to attract the cooperation of plant physiologists in developing countries which now is the most important policy of IAPP.

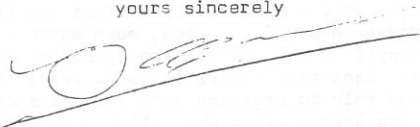
Meanwhile the FESPP was organized and organized the successful conferences in Edinburgh 1978 and Santiago 1980 and continues with such conferences. In both first conferences president and secretary of IAPP were present and in Santiago even an official meeting by IAPP was organized. Though officially IAPP and FESPP developed without direct contacts we tried to stimulate some form of cooperation. I often suggested that it might be appropriate to have the European plant physiologists organized in IAPP not through their national societies but through the FESPP. I still think that this way of organization is the best for both societies to prevent any form of competition and to guarantee a good role of European plant physiologists in the IAPP program.

I cannot escape from the conclusion that the historical development of plant physiological cooperation in Europe was characterized by a lack of sufficient cooperation between the three lines: SEB, FESPP and IAPP. Such cooperation was certainly present in the personal field but the organizations as such could have had more contacts. In any case we can be glad that the FESPP now organized successful European conferences and I hope that the continuing subdivision of plant physiology in separate subdisciplines will not interfere with these conferences.

Hoping that this review of my experiences with the organization of plant physiology may be of any help for you

with kind regards,

yours sincerely



x) the conference as such was excellent

● APPENDIX 4: Letter of Prof. Heller on "The Birth of FESPP"

THE BIRTH OF THE FESPP

The idea of creating a Federation of the European Societies for Plant Physiology arose from a general feeling during the seventies of the need for stronger cooperation between the scientific organisms of west european nations (and of the eastern ones too if possible). The impulse for the constitution of such federations was given by the ERSC (Committee of West European Science Research Councils).

In 1975 and 1976 ERSC organised several meetings devoted to Plant Physiology. The main aim was "the rationalization of scientific journals", but the question of a federation of national societies was closely linked with this objective, since both aspects of european cooperation were complementary. In fact, although the ERSC did not succeed in the fusion of the three national society journals ( Physiologia Plantarum, Physiologie végétale, Journal of Experimental Botany), the creation of the FESPP helped to establish some connections between the three, all of which are official Journals of the FESPP, which for instance publishes a common index periodically.

The main steps in the creation of the FESPP can be summarized as follows.

I. The ERSC conference on the rationalization of scientific journals in Plant physiology at Ronneby Brunn, Sweden, on 26- 28 february 1975 was partially devoted to a project for a Federation of the European Societies of Plant Physiology presented by Prof. H. ZIEGLER (FRG).

The participants were: Denmark, A. KYLIN; Finland, L. SIMOLA; France, A. MOYSE; FRG, H. ZIEGLER; Netherlands, H. VEEN and G. STARITZKY; Norway, K. FAEGRI; Sweden, T. INGESTAD, H. VIRGIN and H. RUNDQUIST. UK, B. LOUGHMAN; ERSC, G. FRIBORG.

Prof. ZIEGLER pointed out three possibilities for a closer cooperation in Europe in the field of plant physiology: (i) the creation <sup>of</sup> a European society for plant physiology, as it was suggested by Italian scientists as far back as 1967; (ii) the creation of a federation; (iii) the activation of the IAPP (International

Association of Plant Physiologists). He informed that the German society opposed the first alternative and preferred the second one.

He presented a complete proposal for the statutes of the FESPP, modeled on the statutes of the FEBS ( Federation of the Biochemical Societies). After a thorough discussion on a number of reformulations, the conference agreed to the draft statutes, which have remained unchanged since then, the present dayx statutes being only more precise as to the location of the Office - the Society for Exp. Biol. in England - and the adoption of English law, chosen for its flexibility.

II. A second ERSC meeting in Paris (CNRS), on the 20 may 1975 gathered roughly the same participants as at Ronneby Brunn, minus L. Simola, H.Veen, G. Staritsky and H. Virgin, but plus L. NEIRINCKX (Belgium), P.CHAMPAGNAT, C.LIORET and J.TEMPE (France) and E.VIELTEZ (Spain). Moreover, Prof. MARRE (Italy), H.VEEN (Netherlands) and P.E.PILET (Switzerland) sent letters to apologize for their absence and to give their agreement to a FESPP.

The conference agreed with the conclusions of the meeting of Ronneby Brunn, added some details on the functioning of the Federation (financing, etc.) and the participants undertook to consult their national Societies.

An important decision was taken: to inform the East European Societies during the International Congress of Leningrad and to invite them to join the FESPP.

III. During the Congress of Leningrad, in an unformal meeting of IAPP, on July 9, 1975, the national representatives of European Societies of plant physiology present at the Congress (Bulgaria, CSSR, France, FRG, GDR, Netherlands, Scandinavia, Switzerland, UK, URSS, Yugoslavia) "unanimously agreed that a FESPP should be created as soon as possible".

IV. In Copenhagen, on November 13-14, 1975 another ERSC meeting, gathered 17 participants, including the representatives of the national Societies of 10 European countries : Belgium, L. NEIRINCKX; Denmark, A.KYLIN; France, R.HELLER; Italy, F.SALA, Netherlands, H.VEEN; Norway, O.HEIDE; Spain E.VIEITEZ; Sweden, T.INGESTAD; UK, J.E.DALE. FRG., H.ZIEGLER;

They decided to establish an Interim Federation of European Societies for Plant Physiology to be ruled interimistically by the draft statuses of FESPP.

The first General Assembly and Scientific meeting of the Federation was to take place in Edinburgh (July 1978). The Host Society was to be the Society of Experimental Biology (UK).

The following officers of the Interim FESPP were appointed:

- Chairman: T. INGESTAD, who was replaced by C.P. WHITTINGHAM, Chairman of the host Society, according to the statutes, after the acceptance of the SEB;
- Secretary-General: H. ZIEGLER;
- Treasurer : H. VEEN;
- Chairman of the Publications Committee: S. FALK;
- Chairman of the Advanced courses Com. : M. THELLIER.

The first meeting of the Council of the Interim FESPP occurred in Vienna, February 4, 1977, with the Officers, and the Delegates of the Constituent Societies : Austria (H. Kinzel), Belgium (L. Neirinckx), France (R. Heller), FRG (H. Ziegler), Italy (F. Sala), Netherlands (H. Veen), Poland (W. Maciejewska-Potapcyk), Portugal (J. Contreiras), Scandinavia (Denmark, Finland, Norway, Sweden) (O. Heide), Spain (E. Vieitez), Switzerland (P. E. Pilet); UK (C. P. Wittingham), Yugoslavia (M. R. Saric), as also the contact persons of invited Societies : Bulgaria (T. G. Kudrev), Czechoslovakia (M. Kutacek), GDR (B. Parthier), Hungary (G. L. Parkas), Ireland (J. J. Moore), Israel (Y. Leshem), Rumania (L. Atanasiu) and URSS (V. Kefeli). *The Interim Federation gave place to the permanent FESPP on the Inaugural Meeting at Edinburgh on 9.14 July 1978.*

Then the Federation had become functional, and under the guidance of its Board and Council acquired the development and prestige which it carries now.



R. Heller  
July 3, 1986

● APPENDIX 5: Botanical Publication in Sweden by A. Kylin (only first pages)

# Botanical Publication in Sweden

Analysis by a committee appointed by  
the Publication Board of the Swedish  
Natural Science Research Council



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# INTRODUCTION

At a meeting held on November 7th 1972 the Publication Board of the Swedish Natural Science Research Council decided to make a survey of the publishing activities in the field of botany. For this purpose, the Board resolved to appoint a special Committee of Inquiry with the following composition: Professor Anders Kylin, Copenhagen (Chairman), Mr Hans Rundquist, Stockholm (Secretary), Professor Olov Hedberg, Uppsala (Cooperating Expert), and Professor Hans Runemark, Lund (Cooperating Expert). The background to this decision was firstly the much increased costs of allocation for botanical publication, and secondly the fact that certain publications in this field appeared to call for rationalization measures. According to the directives the inquiry was to suggest a publishing structure adapted to the production of manuscripts. The first aim of this structure should be to make possible an international dissemination of research results, but also to take into account matter with a more local approach. These aims necessitated a study of the possibilities of technical and economic rationalization of the publications. Reports from the work of the Committee have been submitted to the Publication Board at meetings on May 2nd 1973 and November 11th 1973.

The Committee has from the outset tried to anchor coming proposals for rationalization in the research community with the aid of various measures: the collecting of viewpoints from the botanical institutions in Sweden regarding rationalization of their publishing work, continuing contacts with the scientific associations engaged in publishing in this field, and the organizing of information meetings and seminars concerning scientific botanical publication at all the universities in Sweden. The general analysis, of which an account is given in Part I, has served as the basis for this activity.

The working plan and time-schedule of the Committee have included a survey of problems (February - March '73), the collecting and assessing of facts (March - October '73), analysis of requirements and inventory of problems (November - December '73), drawing up of proposals for the solution of problems (January - March '74). At the meeting of the Publication Board held on April 24th 1974 a detailed report of the Committee's proposals was prepared, together with the motives behind these. In this connection the Board decided to give preliminary approval to the Committee's proposal for making botanical publishing more efficient within the frame of an allocation increase of + Sw.Cr. 100,000:- (from a yearly mean of Sw.Cr. 250,000:- to Sw.Cr. 350,000:-).

Following the Board's preliminary decision regarding the proposals of the Committee of Inquiry, these have now been finally revised and the material has been brought together in this report for consideration by the bodies concerned prior to the Board's final decision in the matter at the regular autumn meeting in 1974. The form given to the report has been determined by the circumstance that the chief aim has been to present information regarding the main features of the problem-complex and proposals for solutions. The greater part of the rather voluminous material the Committee has brought together in the course of its work has for this reason been omitted. Interested readers can, however, obtain supplementary material on application to the office of the Swedish Natural Science Research Council (NFR). The report has been translated into English so that the information contained therein may reach also circles outside the national bodies most immediately concerned.

● APPENDIX 6: Ronneby ESRC ad hoc group conference  
**Report on the ESRC Conference on the Rationalization of Scientific Journals in Plant Physiology at Ronneby Brunn, Sweden, on 26–28 February 1975**

**Participants**

<b>Denmark</b>	<b>Professor A Kylin</b> Statens naturvidenskapelige forskningsråd, Danmark Chairman of sessions I and II on European Cooperation within plant physiology
<b>Finland</b>	<b>Professor L Simola</b> Science Research Council, The Academy of Finland
<b>France</b>	<b>Professor A Moyse</b> Centre National de la Recherche Scientifique
<b>Federal Republic of Germany</b>	<b>Professor H Ziegler</b> Deutsche Forschungsgemeinschaft
<b>The Netherlands</b>	<b>Dr H Veen</b> Royal Botanical Society of the Netherlands <b>Dr G Staritzky</b> Editorial Committee, Acta Botanica Neerlandica
<b>Norway</b>	<b>Professor K Faegri</b> Norges almenvitenskapelige forskningsråd
<b>Sweden</b>	<b>Professor T Ingestad</b> Scandinavian Society for Plant Physiology <b>Professor H Virgin</b> Physiologia Plantarum Chairman of session III on Aspects on publication and data retrieval – past, present and future <b>Mr H Rundquist</b> Statens naturvetenskapliga forskningsråd, Sverige
<b>United Kingdom</b>	<b>Dr B Loughman</b> Society for Experimental Biology
<b>ESRC</b>	<b>Mr G Friborg</b> West European Research Councils Chairman for the opening of the meeting

**Opening of the meeting**

Mr G Friborg welcomed the participants on behalf of the Committee of West European Science Research Councils (ESRC) and presented the members of the ESRC ad hoc group on rationalization of scientific journals as well as the other participants present.

## APPENDIX 6: page 2

Professor Kylin gave a detailed presentation of the background of the conference referring to the pre-distributed excerpts from the draft version "Science journals in Europe" to be presented by the ad hoc group to the ESRC general conference in Oxford on April 7-8, 1975, together with his circular letter of November 20, 1974, on European Cooperation within plant physiological publication. A copy of the report to the Oxford conference would be sent to the participants of the Ronneby Conference later on. He pointed out that the discussions so far concerning the field of plant physiology had primarily concerned the following 3 journals in Europe: *Journal of experimental Botany*, *Physiologie végétale* and *Physiologia Plantarum*. He finally indicated that if the plans for a closer cooperation will proceed according to favourable decisions by the societies concerned, the bodies of such a cooperation will be formed during the autumn 1975 and after one year of final preparation a possible European journal of plant physiology will start in January 1977. It was also noted that *STM* has been informed in Amsterdam.

Professor Ziegler gave a background for the discussions of a closer cooperation in Europe in the field of plant physiology. He pointed out that in 1967 there had been a meeting initiated by Italian scientists to create a European society for plant physiology. Some positive aspects could be noted, namely that such a society would be independent of national societies with no restrictions in the use of membership fees. Negative aspects would be competition with existing societies, restriction to special countries and problems with initial financing.

Another possibility would be a federation of European societies of plant physiology (FESPP). Positive aspects: no competition with existing societies; open to all European countries. Negative aspects: dependency on the goodwill of the member societies and unclear financial basis.

A third possibility could be an activation of the international association of plant physiologists (IAPP). Positive aspects: existing organization, financial support. Negative aspects: an inactive organization at present.

Professor Ziegler informed the meeting that the German society opposes the first alternative and prefers the second one.

After the presentations, the participants discussed the possibility of combining the second and the third alternatives as well as of getting a federation with a broader scientific coverage. The conference agreed to have these possibilities examined later on.

### **The creations of a federation of European societies of plant physiology**

Professor Ziegler presented a complete proposal for statutes of a federation of European societies of plant physiology (FESPP). After a thorough discussion on a number of reformulations, the conference *agreed* to the draft statutes in *enclosure 1* to this report, and to present these draft statutes to the societies represented at the Ronneby conference and to let the ad hoc group know before autumn 1975 the points of view taken by the societies in this respect. Professor Faegri agreed to approach IAPP on the possible cooperation between a FESPP and IAPP. Mr Friborg agreed to analyze possible laws to apply in general in this respect.

### **The creation of a foundation for a European journal of plant physiology**

Professor Kylin presented a detailed proposal for a foundation. Based upon a thorough discussion the conference *agreed* to the draft statutes in *enclosure 2* to this report

## APPENDIX 6: page 3

and to present these draft statutes to the societies represented at the Ronneby conference and to let the ad hoc group know before autumn 1975 the points of view taken by the societies in this respect.

### **Budget alternatives for a European journal of plant physiology**

Mr Rundquist presented the following 4 budget alternatives:

- A 1400 pages and 1400 library copies (approximative size of order corresponding to "Physiologia Plantarum" of today)
- B 1900 pages and 1900 library copies (approximative size of order corresponding to "Physiologia Plantarum" plus "Physiologie végétale")
- C 2700 pages and 2400 library copies (approximate size of "Physiologia Plantarum" plus "Physiologie végétale" plus "Journal of Experimental Botany")
- D 2700 pages and 2700 library copies (size of order of "Plant Physiology" of today)

The conclusion was drawn that alternative B as well as D are the most promising ones. However, alternative C is also of great interest. After discussions, the conference decided to have the budget examples added to the conference report as *enclosure 3* with some additional information on the manuscript situation as well as the geographical and other distribution of the subscribers.

The conference noted that complete lists of subscribers had been sent recently through the ESRC secretariat to the two other possible partners from all three journals concerned. This has been achieved through the help of the three printing companies: The Clarendon Press, Gautier Villard and Munksgaards Forlag.

### **Time and location for continued negotiations**

After finding that among others neither the German nor the Scandinavian Societies have any possibilities for final decisions before their General Assemblies in 1976, the conference agreed in principle on the following time schedule for its activities: autumn 1975, negotiations concerning a federation; from January 1976, technical discussions concerning a European journal; summer 1976, start of the Federation and the Foundation, if the Societies agree; January 1977, start of the European journal.

The conference *decided* to propose another meeting on May 20, 1975 at ICSU or CNRS in Paris. To that meeting should be invited the Austrian, Belgian and Swiss societies, not being able to send representatives to the Ronneby conference, as well as the Italian and Spanish societies.

- APPENDIX 7: publication of the Science Journals  
(from which appendix 6, 8 and 9 are taken).

# Science Journals in Europe

An analysis by the ESRC ad hoc group on the rationalization of science journals

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## Preface and Introduction

One of the tasks given to the continuing committee deriving from the Aarhus Conference of West European Science Research Councils held in February 1972 was to study the structure of science journals and consider possible rationalization and to make use of the experiences of the Nordic Science Research Councils' Committee for Scandinavian Science Journals.

The Committee decided to make an inventory of the science journals in Europe. After initial help by the CNRS Centre of Documentation and the British National Lending Library for Science and Technology, the ESRC Secretariat has produced a list of 4 600 journals covering 46 disciplines. The classification work was made by Mr H Elvesjö at the Biomedical Documentation Centre in Stockholm using the Ulrich's International Periodicals Directory System. *Appendix I* shows the distribution according to disciplines of the total number of the science journals in Europe. Further information on this quantitative study can be found in the *ESRC Review No 8, March 25, 1974*.

Based upon the comments given by the ESRC members and the fact that the study reveals the existence of more than 1 600 journals in the biological sciences, the ESRC Committee then created an ad hoc group for the rationalization of the science journals in the field of botany. The members of the ad hoc group have been:

Prof A Kylin	Copenhagen, representing the Statens naturvidenskabelige forskningsråd, Denmark
Prof A Moyses	Orsay, representing the Centre National de la Recherche Scientifique, France
Prof H Ziegler	Munich, representing the Deutsche Forschungsgemeinschaft, Federal Republic of Germany
Prof K Faegri	Bergen, representing the Norges almenvitenskapelige forskningsråd, Norway
Mr H Rundquist	Stockholm, representing the Statens naturvetenskapliga forskningsråd, Sweden
Prof L Simola	Helsinki, representing the Science Research Council of the Academy of Finland (from Feb. 26, 1975)
Mr G Friberg Secretary	Stockholm, representing the Committee of West European Science Research Councils, Sweden

The group decided to start in the field of plant physiology and later on to cover plant geography and plant ecology as well as taxonomy and general botany. The group has met three times and has also arranged a conference on the rationalization of science journals in plant physiology at Ronneby, Sweden, on 26–28 February 1975. The ad hoc group hereby presents the results obtained so far together with conclusions and recommendations which will hopefully be relevant to further rationalization of all science publishing.

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In 1974 the CNRS suggested that the ESRC look into the field of informatics and the possible creation of a new European Information Science Journal. This matter has been treated separately, and in the light of the doubts expressed by a majority of the ESRC member organizations on the usefulness of such a journal, the main conclusion of a meeting held on 29 November 1974 at CNRS in Paris was that further activities in this direction should be aimed at the rationalization of existing journals instead of creating a new journal (*see Appendix II*).

On behalf of the ESRC ad hoc group on Rationalization of Scientific Journals

Anders Kylin

Göran Friberg



## ● APPENDIX 8: Draft statutes of a FESPP

### **Draft statutes of a Federation of European Societies of Plant Physiology (FESPP)**

#### **1 Objects of the Federation**

The Federation is established for the public benefit to advance research, education and exchange of information in the science of plant physiology and to publish or arrange for the publication of the results of research in plant physiology.

For those purposes the Federation will

- a facilitate the exchange of scientific information between plant physiologists in general and European plant physiologists in particular by the holding of meetings and discussions and by other appropriate means
- b arrange instructional courses on matters connected with plant physiology
- c advance the exchange of scientists.

Since the aim of the Federation is to promote plant physiology and not to support personally the plant physiologists who are members of the Federation, the publications and other facilities provided by the Federation shall, so far as practicable, and subject to a reasonable charge, be made available also to persons who are not members.

#### **2 Administration and membership**

- a The Federation shall consist of Societies of Plant Physiology or of plant physiology subgroups of other scientific societies in the European area (in the following referred to as Societies). All members of the Constituent Societies are ipso facto members of the Federation with equal privileges.
- b New admissions of Societies to membership of the Federation are to be decided by its Council, provided that the Society making the application has lodged full details and documentation of its activities with the Secretary General at least three months before the Council meeting.
- c The affairs of the Federation shall be conducted by a Council. The Council may empower a Constituent Society to act on its behalf.
- d Each Constituent Society shall nominate one delegate or a deputy to the Council of the Federation. On the Council there shall be only one vote per country. The delegate shall be reappointed bi-annually by the Constituent Society.
- e The Council shall appoint one of the Constituents to be the Host Society. The delegate to the Council of the Host Society shall, when present, act as Chairman of the Council and is in this Statute referred to as the Chairman.
- f At the time of the General Assembly the following officers shall be appointed:  
A Secretary General, a Treasurer, a Chairman of the Publications Committee and a Chairman of the Advanced Courses Committee. Each of these officers shall serve for a term of three years, but shall be eligible for re-appointment. None of these officers shall be a delegate for his Constituent Society. Each of these officers and

## APPENDIX 8: page 2

also the immediate past Chairman shall be *ex officio* a full member of the Council with the right to vote.

- g Except as otherwise expressly provided by these Statutes, any matter to be decided by the Council shall be decided by a simple majority vote of those present. The voting shall take place at a meeting of the Council, provided that invitation and an agenda for the meeting has been communicated to the Constituents at least three weeks before the meeting.
- h The Council shall meet at each General Meeting of the Federation and at such other times as may be necessary.
- i Subject to the Council the administration of the Federation shall be vested in an Executive Committee consisting of the Chairman, the immediate past Chairman, the Secretary General, the Treasurer, the Chairman of the Advanced Courses Committee and the Chairman of the Publications Committee, They shall be empowered to act on behalf of the Council and to enter into contracts in the period between meetings of the Council.
- k Any Constituent Society is free to withdraw from the Federation at a meeting of the Council, provided notice of such a withdrawal has been communicated to the Chairman at least one month before the Council meeting.

### 3 Meetings of the Federation

- a A General Assembly of the Federation shall be held at least every two years at a place chosen by the Host Society and approved by the Council. A General Assembly shall also be open to non-members.

The General Assembly shall decide

- a elections as specified in article 2, e and f
- b accounts for the preceding period
- c budget for the following period
- d new admissions
- e any other matter on the Agenda.

Items should reach the Council at least two months in advance and be circulated to the Societies at least one month before the Assembly.

Only accepted national delegates and officers have a voting right at the General Assembly. One half of the accepted voting numbers constitute a quorum.

Extraordinary General Assembly can be called by the Chairman or six members of the Council at two months' notice. At an extraordinary General Assembly only such matters can be decided which are specified on the Agenda. The members present constitute the quorum.

- b A General Assembly of the Federation shall provide opportunities for the presentation of original communications, discussions, demonstrations and symposia. The detailed arrangements for the Assembly shall be at the entire discretion of the Host Society.
- c The financial arrangements for a Federation Assembly are the responsibility of the Host Society. Registration fees for those attending a General Assembly may be charged by the Host Society, and members of all Constituent Societies shall be charged on the same basis.

## APPENDIX 8: page 3

The Host Society of the General Assembly or of other meetings of the Federation is free to make its own arrangement with publishers as regards the publication of symposia or similar scientific activities.

#### 4 Exchange of Information

- a Each Constituent Society shall send a *nominated* officer of all other Constituent Societies the same *relevant* circulars that it sends to its own members.
- b It shall be the duty of each Constituent Society to publish in an appropriate way the activities of the other Constituent Societies so as to encourage contacts between plant physiologists in the different European countries, and on request to circulate to its members information of the next Federation meeting.

#### 5 Attendance at Domestic Meetings

Any member representative of the Federation may, on making proper application, be admitted to an open meeting of a Constituent Society other than his own, on the financial terms as a member of that Society, although permission to present a paper shall be at the discretion of the Society holding the meeting.

#### 6 Central Fund

- a There shall be formed a central fund, composed of membership fees, royalties and other income. The membership fee for each Society shall be determined from time to time by the Council. The fund shall be applied only to further the objects of the Federation.
- b Members who are in arrears with more than two years' fees can be excluded by a two third's majority vote of the Council.

#### 7 Dissolution of the Federation

The Federation and its Statutes may be dissolved at any time at a meeting of the Council at which two thirds of the delegates are present and at which there is two thirds affirmative majority vote in favour of the proposal. The proposal must be notified in writing to the Secretary General, at least three months before a Council Meeting. The Secretary General shall in turn notify all Constituent Societies of such proposals, at least two months before the Council Meeting. On the dissolution of the Federation any surplus assets of the Federation shall, in such manner as the Council may decide, be applied for charitable purposes in connection with the advancement of research and education in the science of plant physiology.

#### 8 Statutes of the Federation

The Statutes of the Federation may be amended, deleted, or augmented at any Council Meeting by a two thirds affirmative majority vote, provided that at least two thirds of the delegates are present. Proposed changes must be notified in writing to the Secretary General, at least three months before a Council Meeting. The Secretary General shall, in turn, notify all Constituent Societies of such proposals at least two months before the Council Meeting.

**9 Location of Office**

The principal office of the Federation shall be situated in \_\_\_\_\_ and until otherwise decided by the Council shall be at the office of the Society of Plant Physiology in \_\_\_\_\_

**10 The law to apply**

The Federation shall be deemed to be an association governed by the Law of \_\_\_\_\_ and these Statutes shall be construed and operate in accordance with \_\_\_\_\_ Law.

● APPENDIX 9: Draft statutes of a European Journal  
**Draft statutes of a Foundation for a European Journal of Plant  
Physiology**

- 1 The purpose of the Foundation is to own and publish the journal  
"....."
- 2.1 The Foundation consists at the start of one member and one personal  
deputy member from
  - a the board of each of the Societies behind the cooperating journals
  - b one representative from the board of the Federation of European  
Societies for Plant Physiology.
- 2.2 The members mentioned under (2.1) appoint an Editor-in-Chief with right to  
participate and vote at the Foundation's meetings.
- 2.3 After deciding on the technical arrangements pertaining to a Journal, the  
Foundation solicits quotations from different publishers. When the  
Foundation has decided with which Publisher to cooperate, a representative  
of the Publisher becomes adjunct member of the Foundation without  
voting right.
- 3 A chairman is elected for each meeting. He is also the convener for the next  
meeting.
- 4 A secretary is elected for each meeting. He is responsible for the minutes and  
their distributions to the members and deputy members of the Foundation and  
to other persons and instances effected.
- 5 Members according to point (2.1) are elected for a period of three years.  
Immediate re-election can occur once.
- 6 At the beginning of each mandate period, the Foundation evaluates the  
technical arrangements pertaining to the journal. On the basis of this evalua-  
tion, these arrangements are subject to new negotiations according to points  
(2.2) and (2.3) or may be automatically prolonged.
- 7 The Foundation meets once a year, at a time which is suitable for the planning  
and budgeting for the following year. Extra meetings and meetings per  
capsulam are possible. Extra meetings have to be called when at least two  
members make a request.
- 8 Every member has one vote. In the case of equal number of votes, the vote  
of the chairman decides.
- 9 Decisions and elections within the Foundation take place with single  
majority.
- 10 Adjunction of members is allowed. If a member according to point (2.1) as  
well as his personal deputy-member are unable to attend, adjunction is  
combined with the right to vote.
- 11 The Editor-in-Chief is responsible for the management of the journal. Parts of  
his function may be transferred to a Managing Editor, to Scientific Editors for  
specific fields and to the Publisher. The Editor-in-Chief and the Managing Editor  
can at the same time be Scientific Editors for specific fields.

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- 12 The Foundation appoints an editorial board and referees at the suggestion of the Editor-in-Chief.
- 13 The name of the Foundation is signed by the Editor-in-Chief. Acts pertaining to a specific meeting are signed by the Chairman.
- 14 The relationship between the Foundation and the Publisher is regulated by a specific contract. Respecting that the Foundation owns the Journal, the contract should specify the responsibilities for scientific editing, for technical editing, for production and for marketing. Procedures of budgeting and revision as well as the treatment of the net gain or loss should also be agreed upon. The handling of the Foundation's share of the net gain or loss should be regulated by a specific contract between the members.
- 15 A change of these by-laws or the cessation of the Foundation must be decided at an ordinary meeting and be supported by two thirds of the votes of all the members of the Foundation. On cessation of the Foundation, the Journal and the balances in its favour may be transferred to another organization with similar aims. In case the Journal is discontinued, the balances in its favour should be redistributed to the interests behind it, with due regard to the conditions connected with different grants and contributions.

FEDERATION OF EUROPEAN SOCIETIES OF PLANT PHYSIOLOGY  
(FESPP)

Interim Organization

Dear Sirs,

For some time discussions have continued amongst European plant physiologists as to whether it would be useful to found an organization of European plant physiologists. Such an organization would facilitate the exchange of scientific information, hold conferences, arrange instructional courses, and advance the exchange of scientists. In the preliminary discussions it became clear that a Federation following the very successful example of the Federation of European Biochemical Societies (FEBS) would be the best model for such an organization.

During an informal meeting of the International Association for Plant Physiology (IAPP) on July 9, 1975, at Leningrad the following resolution was passed by colleagues of several European countries or regions (Bulgaria, CSSR, France, FRG, GDR, Netherlands, Scandinavia, Switzerland, United Kingdom, USSR, Yugoslavia): 'fourteen persons - national representatives of European societies of plant physiology and members of the IAPP - attended the IAPP Council meeting at Leningrad (session of July 9, 1975) and unanimously agreed that a Federation of European Societies of Plant Physiology (FESPP) should be created as soon as possible.'

During a meeting at Copenhagen on November 14, 1975, plant physiologists from 10 European countries (Belgium, Denmark, Federal Republic of Germany, France, Italy, Netherlands, Norway, Spain, Sweden, United Kingdom) decided that to make progress it was necessary to establish an Interim Federation of European Societies for Plant Physiology. Draft statutes for FESPP were worked out, closely following those of FEBS (see enclosure) which will rule the Interim Federation. This Interim Federation exists to make all efforts to establish the final FESPP.

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The following officers of the Interim Foundation were appointed:

Chairman:	Prof. C. P. Whittingham
Immediate past Chairman:	Prof. T. Ingestad
Secretary-General:	Prof. H. Ziegler
Treasurer:	Dr. H. Veen
Chairman of the Publications Committee:	Doc. S. Falk
Chairman of the Advanced Courses Committee:	Prof. M. Thellier

The Council decided to invite all societies concerned in Europe to establish a Federation according to the draft statutes. The Society for Experimental Biology (United Kingdom) have already committed themselves to join the Federation.

The first General Assembly and scientific meeting of the Federation shall take place in Edinburgh July 1978. Host society will be the Society for Experimental Biology (U.K.).

On behalf of the council of the Interim Foundation we invite your Society cordially to join the Federation of European Societies of Plant Physiology (FESPP). We would be grateful if you would ask the responsible institution of your Society to make such a decision and if you would inform us about this.

The following details, partly not included in the draft statues, may be of further interest for your discussions:

1. The Federation is open to societies of plant physiology of all countries of the European area. In countries without societies of plant physiology subgroups for plant physiology in other societies can join the Federation.
2. 'Plant Physiology' should be taken in this context in a broad sense (as 'experimental botany'), including, e.g., also physiologically oriented cytology, genetics, ecology, applied botany, etc.



3. The Interim Council made the following proposals concerning the membership fees: The membership fees are the equivalent of 10 Germany Marks per year and per individual member of the member Societies. The fees should be collected per each individual member of the Societies of Plant Physiology or of Plant Physiology subgroups of other scientific societies. The council authorised the member societies to decide the number of members concerned and to organise the collection of the fees to be sent to the Treasurer of the Federation.

4. At the informal meeting of IAPP in Leningrad there was general agreement that FESPP will become a member of IAPP and that the national societies of IAPP (or sections of plant physiology) in Europe who are also member of IAPP will each keep their national representatives on the IAPP Council. FESPP will, therefore, not compete with IAPP, but closely co-operate.

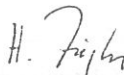
We hope that your society will join the Federation and contribute in this way to a closer co-operation of the plant physiologists in all European countries. It would be of the greatest help if we could receive an answer from you by late summer 1976.

With best regards,

Yours sincerely,



C. P. Whittingham  
Chairman  
Interim FESPP



H. Ziegler  
Secretary-General  
Interim FESPP

FEDERATION OF EUROPEAN SOCIETIES OF PLANT PHYSIOLOGY  
(FESPP)

First meeting of the Interim and invited delegates to be held on 4/5 February 1977 at Pflanzenphysiologisches Institut der Universität Wien, Wien, Lueger Ring 1, commencing 14.00 hrs on Friday 4th February.

A G E N D A

1. Discussion of Draft Constitution.
2. Discussion of financial objectives and report by Treasurer.
3. Arrangements for the First General Assembly and Scientific Meeting in Edinburgh, July 1978.
4. Discussion of future activities including:
  - (a) International meetings
  - (b) Research workshops
  - (c) Research worker exchange
5. Publications policy.
6. Varia.

● APPENDIX 12: Report on the Interim FESPP Meeting by Ziegler and Whittingham.

LEHRSTUHL FÜR BOTANIK

INSTITUT FÜR BOTANIK UND MIKROBIOLOGIE  
DER TECHNISCHEN UNIVERSITÄT MÜNCHEN

D-8 MÜNCHEN 2. Febr. 23, 1977  
Arcisstraße 21. Tel. (089) 2105 8731 2631  
Briefpostfach 20 24 20  
Telex 522854 tumue d

o. Prof. Dr. H. Ziegler

Dear Colleague,

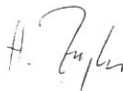
enclosed you find a report on the Vienna meeting (February 4th, 1977). I include further

- a) a list of all colleagues, which are members of the interim council or are nominated as national delegates or which received letters of invitation respectively. This may facilitate the interconnection.
- b) An announcement, which we will send to Nature, Science and (in German) to Naturwissenschaften and Naturwissenschaftliche Rundschau. If you see some other possibility to publish this statement in your region, please use the included draft.

Please inform the members of your society or subgroup or other interested colleagues about the Meeting in Edinburgh and the deadlines for proposals of the contributions.

We hope very much that also those societies which could not join FESPP up to now will do this in near future and that FESPP will become in this way a really European institution.

With the best regards,  
sincerely yours



Secretary General  
Interim Council FESPP

FEDERATION OF EUROPEAN SOCIETIES OF PLANT PHYSIOLOGY

At a meeting held in Vienna on 4th February 1977, which was attended by delegates from Societies for Plant Physiology, or Plant Physiological Sub-Groups of Biological Societies invited from all European Countries an Interim Council was elected to facilitate the establishment of a Federation of European Societies of Plant Physiology (FESPP). The objects of the Federation are:

- a. To facilitate the exchange of scientific information between plant physiologists in general and European plant physiologists in particular by the holding of meetings and discussions and by other appropriate means;
- b. To arrange instructional courses on matters connected with plant physiology;
- c. To advance the exchange of scientists.

The Council of the interim organisation accepted the kind invitation of the Society for Experimental Biology to hold the first General Assembly and Scientific Meeting of FESPP in Edinburgh. The Interim Council is very grateful to the Society for Experimental Biology and to the University of Edinburgh for making this meeting possible. In warmly welcoming all participants, the Council hope that you will find the meeting interesting, stimulating and enjoyable.

C. P. Whittingham,

Chairman - FESPP Interim Council.

*A personal account of the foundation and early years of FESPP*

J E Dale

Department of Botany, University of Edinburgh, Scotland

My involvement with the Federation of European Societies of Plant Physiology began when I was elected Botanical Secretary of the Society for Experimental Biology of the United Kingdom at the end of December 1974. At that time the Society was in a weak financial position with the possibility that the plant physiologists in the membership would split off to form a separate Society. Two major policies were adopted, to attempt to redress the financial plight by all available means, including attempting to secure a royalty payment from Oxford University Press who published the *Journal of Experimental Botany* in collaboration with the Society who appointed the Editor and Editorial Board, and to head off the threat of secession by the plant physiologists whose loss would severely weaken the Society and threaten its unique position as a broadly-based *Biological Society*. This latter policy was to lead to the adoption of a new constitution for the Society and a change in its legal and financial position as a Company Limited by Guarantee under UK law. It also had inevitable effects on the attitude of the Society towards co-operation with other European ventures.

Prior to my appointment there had been moves led by Anders Kylin and encouraged by the European Science Research Council to examine possible rationalisation of journals publishing in the field of Plant Physiology. Anders Kylin considered with some justification that there was a plethora of small journals concerned with the subject and that their amalgamation into one larger journal would at once save costs but also result in a journal of high prestige to rival the American *Plant Physiology* and thus achieve a high circulation. These moves had resulted in a meeting of European representatives in Sweden in 1974. However at that meeting some discussion occurred on the possibility of forming a European Federation, promoted by the Italian representative. In April 1975 Anders Kylin came to a meeting of the SEB at Liverpool and set out his ideas on journal cooperation and amalgamation in discussions which were somewhat strained. The position of the SEB was clear at that time - it was against the idea of a European Journal of Plant Physiology which would subsume amongst other journals *Journal of Experimental Botany*, but was in favour of the establishment of a Federation of European Societies not restricted to Western Europe, but including members from the Eastern bloc, and considered that in fulness of time a new *European* journal could arise under the aegis of this Federation.

On May 20 1975 ESRC again convened a meeting, this time at CNRS, Paris, to discuss (a) the creation of a Federation of European Societies of Plant Physiology and draft statutes for such an organisation, and (b) the creation of a foundation for a European journal of plant physiology to include budget alternatives and arrangements for any future negotiations. The SEB was represented at that meeting by Charles Whittingham, Editor of *Journal of Experimental Botany*. His report on the meeting to SEB showed that confirmed or qualified, preliminary support for a Federation came from Federal Republic of Germany, Netherlands, Belgium, France, the Scandinavian block (Denmark, Norway, Sweden), Switzerland and Spain; the support of the UK was confirmed. An interim Federation Council was set up with Hubert Ziegler as Secretary. Some discussion of the funding of the federation occurred and it was left open whether membership fees should be charged per capita or per nation. It was also agreed that Paul-Emile Pilet, as secretary to IAPP, should attempt to organise an informal meeting at the Botanical Congress in Leningrad to discuss the participation of East European countries in such a federation; these countries later expressed their support for the idea. Also at Paris it was agreed to continue discussions on the amalgamation of journals of plant physiology although the SEB expressed strong opposition to this idea.

The SEB position was confirmed at an *ad hoc* General Meeting held at University College, London on September 8 1975, when the following two motions were put and passed *nem con*: 'This meeting is strongly in favour of exploring the possibility of formation of a European Federation of Societies of Plant Physiology provided in the first place this be set up as a sub-group of International Association of Plant Physiology and without the establishment of an elaborate administrative machinery' and 'This meeting is in favour in the long term of establishing a European Journal of Plant Physiology providing this arises from developments in the European federation (FESPP); it does not favour the merging of the JEB with the proposed new journal.' From then on the SEB interest in journal amalgamation was minimal although gradually there developed welcome co-operation, reflected in annual meetings between editors of *Journal of Experimental Botany*, *Physiologie Vegetale* and *Physiologia Plantarum*.

Events now moved quickly and on November 14 1975 the first Meeting of the Interim Federation Council was called by Hubert Ziegler at the Royal Veterinary and Agricultural University Copenhagen, again funded and supported by ESRC. Unfortunately it was not possible for Ziegler to attend this meeting and the DBG (and hence FDR) were unrepresented; in the event Charles Whittingham was asked to chair the Meeting which was attended by J E Dale, O Heide, R Heller, T Ingestad, L Neirinckx, F Sala, H Veen, E Vieltez, with Mme M-L Arie, G H Arnold, A Kylin, A Moyses, P Pettersson, and H Rundqvist as observers; Goran Friberg (ESRC) again acted as Secretary to the meeting.

A number of important decisions were now made. These included adoption of draft statutes drawn up by Hubert Ziegler on the pattern of those for FEBS, and the decision that these statutes should be circulated to a number of European Societies and a timetable for ratification was drawn up. The first officers of the interim federation were appointed with Charles Whittingham as Chairman, Hubert Ziegler as Secretary-General, Henk Veen as Treasurer, Stig Falk as Chairman of the Publications Subcommittee and a French delegate then un-named to be invited to serve as Chairman of the Advanced Courses Subcommittee (M Thellier was later nominated for this position and accepted). Initial funding was to be achieved by the subscription of 200 DM from each of the Societies present at the meeting. The meeting also decided that any proposals concerning setting up of a European Journal of Plant Physiology should be presented to the next meeting of the interim council. The other major decision was to accept the invitation of the SEB to organise the first Congress of the Federation at Edinburgh in 1978 - organisation of this to be my responsibility. The Chairman was asked to inform IAPP of progress made at the meeting.

A further meeting was held at Copenhagen on 15/16 January 1976 to discuss the journal position but no major agreements were made and there were no proposals of substance brought to the second meeting of the Interim Council of the Federation which was held in Vienna at the Pflanzenphysiologisches Institut der Universität on 4 February 1977. Those present included C Whittingham, H Ziegler, H Veen, S Falk, M Thellier (Officers) together with J E Dale, G L Farkas, O Heide, R Heller, H Kinzel, W Maciejewska-Potapczyk, L Neirinckx, P E Pilet, F Sala, M R Saric, and E Vieitez (National delegates); representatives from Portugal, Bulgaria and USSR regretted that they were unable to attend and no response was received from CSSR, DDR and Romania.

The draft statutes circulated earlier had met with general approval but it was agreed that their final ratification should be made by members of the Federation at the First Congress. Much of the discussion then centred on ways of financing the Federation and arrangements for interim funding were agreed. The choice of a Dutch colleague as treasurer turned out to be excellent and Henk Veen's skill at managing the financial affairs of the Federation in the early days needs the highest recognition.

The Vienna meeting also devoted much time to considering the arrangements for the scientific base of the Edinburgh Congress. Dates were agreed and the policy of having a formal lecture programme, on which all member Societies would be represented, supplemented by poster presentations and workshop discussions based on these was decided. Two major themes for the meeting were agreed - Plant Growth and Development, and Transport in Plants - it being thought that these would maximise interest and attendance at this inaugural Congress. Detailed time scales for circulating Congress information, calls for papers, booking arrangements, programme construction etc were discussed and the

long time needed to plan such Congresses was recognised; the timetable drawn up for the Edinburgh meeting was to be used again in the planning of later Congresses. A Congress Executive Committee was appointed consisting of J E Dale, G L Farkas, O Heide and P E Pilet. The wide spread of national representation on this committee was felt to be important so that the work of the Federation would not be seen as being dominated by the largest national societies; indeed in these early days the need to involve as many member societies as possible was paramount in most of our minds. The Executive Committee met once, in Paris, on 27 November 1977 and decided the detailed outline of the Edinburgh meeting.

Although most effort at this time was going into arrangements for the inaugural Congress it was recognised that Publications policy and arrangements for Advanced Courses or Workshops, to be held separately from the main Congress, were important. These matters were also discussed at the Paris meeting but no major decisions were taken; indeed progress was very slow in these areas.

On the basis of estimates given at the Vienna meeting I expected around 400 members to attend the Edinburgh Congress which ran from 10 - 13 July 1978. In the event more than 500 attended, coming from more than 26 countries. The formal lecture programme included 18 presentations and 300 posters were submitted which were discussed in a total of 8 workshop sessions. The meeting was a success - FESSP had arrived, and as a healthy infant had a suitable number of subscribing godparents:- Austria, Belgium, France, FDR, Israel, Italy, Netherlands, Portugal, the Scandinavian Society for Plant Physiology (embracing Denmark, Finland, Norway and Sweden), Switzerland and the United Kingdom.

Here this personal account of the early days must end. The Edinburgh meeting was a landmark to be followed by other successful Congresses. That the Federation exists at all is due in no small part to the endeavours of those, notably Anders Kylin, Hubert Ziegler and Henk Veen, who in their various ways saw that our subject could be strengthened by co-operation and that this was an ideal ~~was~~ well worth vigorously pursuing. My own regrets are that contributions from our colleagues in eastern Europe have been and continue to be restricted.



CENTRUM VOOR AGROBIOLOGISCH ONDERZOEK (CABO)

CENTRE FOR AGROBIOLOGICAL RESEARCH

(The appendices given by H.Veen are either not included or with  
a different number)



Prof.dr.H.Lichenthaler  
Botanisches Institut der Universität  
Kaiserstrasse 12  
Postfach 6380  
D- 75 Karlsruhe 1  
Deutschland

Your reference:

Our reference:

Date:

April 21, 1986

Dear Hartmut ,

Thanks for your letter concerning the early begin of FESPP.

From 26-28 February 1975 I joined a meeting in Sweden on the rationalization of scientific journals in plant physiology ( appendix 1). At that time I was secretary of the Royal Botanical Society of the Netherlands . This conference was an initiative from the European Science Research Councils . Kylin and Ziegler have done a lot of work to organize this meeting . Professor Ziegler had already drawn a proposal for FESPP Statutes ( appendix 2).

On May 20 , 1975 there was another in Paris ( appendix 3 ). In the minutes of this conference ( appendix 4 ) you will find an interesting discussion on the structure of the forthcoming organization . Why a combination between an european journal and an european organization ? The basic idea was that the financial profits of an european journal could give a firm fundament to an european organization .

September 26 , 1975 the ESRC committee discussed again the rationalization of journals in the field of plant physiology. The first recommendation is important (see appendix 5 , page 2 ) . There it was proposed to constitute the interim federation .

In appendix 6 you will find the report of the Copenhagen meeting from 13-14 November 1975. "those present decided to establish an interim federation of societies for plant physiology" .

In january 1976 an invitation was sent to all european organizations in plant physiology to join the federation ( appendix 7 ) .

The first meeting of the interim council of FESPP was held on 4-5 february 1977 in Vienna . In Vienna, because we hoped that Vienna will facilitate participation of east-european colleagues . ( appendix 8 )

CENTRUM VOOR AGROBIOLOGISCH ONDERZOEK (CABO)

CENTRE FOR AGROBIOLOGICAL RESEARCH



Your reference:

Our reference:

Date:

In Vienna , I presented for the first time a FESPP balance (appendix 9 ) . At that time 5 societies had paid a donztion of DM 200,- .

The financial situation improved fast . In appendix 10 a balance ending on July 1 , 1978 is given . In 1977 12 societies had paid their DM 200,- donations . From 1978 on the societies paid DM 10,- pro member . The Scandinavian society, the netherlands ,and the spanish society already paid their membership fees .

At last , I would like to mention some organizations who supported us financially . 1. Springer Verlag with DM 1000,- 2, International Union of Biological Sciences with \$ 500,- to organize the Edinburgh meeting and <sup>3/</sup>first of all the Society for Experimental Biology who decided to subscribe for membership fees up to 400 unnamed members ( £ 1000,- ) This has been done for three subsequent years (78,79,80). (appendix 11). This was a real donation ,as the S.E.B. at that time did not ask their individual members to pay their DM 10,- .

It was a pleasure for me to assist you in clarifying the history of FESPP . I hope to see you in Hamburg .

with my best regards ,  
yours sincerely,

dr.H.Veen  
Centre for Agrobiological Research  
P.O.Box 14

Henk Veen

A handwritten signature in dark ink, appearing to read 'Henk Veen', written over a horizontal line.

● APPENDIX 15: Balance 1977 of the FESPP Treasurer Henk Veen

FEDERATION of EUROPEAN SOCIETIES of PLANT PHYSIOLOGY (FESPP)

FESPP Balance Sheet for period ended February 1st, 1977

Expenditure	DFl.		Receipts	DFl.
		<b>Fees received :</b>		
Statutes		1976 D.Bot.Ges.	DM 200,-	
DM 217.56	227.66	1976 Scand.Soc.	200,-	
Bank charges	13.48	1976 Roy.Soc.Neth	200,-	
		1976 Soc.Exp.Biol	200,-	
Present Bank		1976 Sp.Soc.Pl.Ph	200,-	
Balance	1024.47	1977 Sp.Soc.Pl.Ph.	200,-	
			<hr/>	
			1200,-	1255.74
		<b>Interest</b>		9.87
				<hr/>
	<hr/>			1265.61
	1265.61			

Present conversion rate : 100 DM = 104.645 Dfl.

Wageningen,  
1 February, 1977

Treasurer  
Interim FESPP  
H. Veen

● APPENDIX 16: Report on the Meeting of the Interim FESPP Council  
on 11 July 1978 in Edinburgh.

FEDERATION OF EUROPEAN SOCIETIES OF PLANT PHYSIOLOGY

Report of Meeting of Interim Council at University of Edinburgh on Tuesday,  
11th July 1978.

Present: R. Antoszewski (Poland), J.E. Dale (S.E.B.), S.O. Falk (Publications),  
G.L. Farkas (Hungary), O.M. Heide (Scandinavian Society), R. Heller  
(France), E. Marré (Italy), K. Muntz (D.D.R.), L. Neirinckx (Belgium),  
P.E. Pilet (Switzerland), M.R. Saric (Yugoslavia), H. Veen (Treasurer),  
E. Vieitez (Spain), H. Ziegler (Secretary General).

1. The Secretary General presented a report on the present membership of the Federation. Countries which have definitely joined through their national societies are:  
Austria, Belgium, France, West Germany, Israel, Italy, Netherlands, Portugal, Scandinavia (Denmark, Finland, Norway, Sweden), Spain, Switzerland, United Kingdom, Yugoslavia.  
Decisions on joining the Federation are awaited from the following:  
Bulgaria, Czechoslovakia, East Germany, Hungary, Poland, Romania and U.S.S.R.  
Plant physiologists in Greece, Ireland and Turkey are seeking ways of joining the Federation although their countries have no national society at present.
2. It was agreed that the draft statutes of the Federation should be presented to the Plenary Session on 13th July 1978 for initiation, and should remain in force unchanged at least until the next General Assembly of F.E.S.P.P.

3. The problems of payment of membership dues from East European member states was discussed. It was agreed that where problems of currency transfer existed a local F.E.S.P.P. account should be set up and the Treasurer notified of this. Such an account would be used for meetings and other activities of F.E.S.P.P. in Eastern Europe.
4. The Treasurer presented his Balance Sheet for the period ended 1st July 1978 (copy enclosed). This was accepted for transmission to the Plenary Session on 13th July 1978.  
  
National representatives were reminded of the need to ensure payment of membership fees for 1978 to the Treasurer as soon as possible.
5. It was agreed to set up an Industrial Liaison Committee under the Chairmanship of the Treasurer, to be assisted by the Belgian delegate as deputy. The aim of this move is to develop links with Industry and to obtain thereby financial backing for Federation activities. It was agreed that a letter to be drafted by the S.E.B. representative would be sent by the Treasurer to Industrial Companies nominated by member Countries of the Federation. This letter would invite the Companies to seek membership of the Committee on payment of an entry fee. Membership would give the right to attend an annual meeting called by the Treasurer at which Federation developments would be outlined and further sponsorship invited. Subscribing Companies would also be able to send a representative to the General Meeting of the Federation on equal terms with scientific members.
6. The current situation about Publications was discussed. Three possibilities exist:
  - (a) That the Federation should start a new journal publishing full length papers
  - (b) That the Federation should start a new Synopsis journal

- (c) That the Federation should, for a financial payment made, nominate one or more existing journals to be an Official Journal of the Federation.

It was agreed that option (a) above should not be taken up at present. The Publications Committee was asked to produce a report giving detailed proposals on items (b) and (c) and that these should be sent to Council for transmission to National Societies for their consideration.

It was agreed to recommend to National Societies belonging to the Federation that publication restrictions on ~~writers~~<sup>Workers</sup> in other countries within the Federation be reduced as far as possible.

7. It was reported that offers had been received from Spain and from the Scandinavian Society to host the next General Meeting of the Federation in 1980. This would be reported to the Plenary Session on 13th July 1978, but a decision could only be taken by Council.
8. It was agreed to propose the following as Officers of the Federation at the Plenary Session on 13th July 1978:
- |                                       |               |
|---------------------------------------|---------------|
| Secretary General                     | - J. E. Dale. |
| Treasurer                             | - H. Veen.    |
| Chairman of Publications Committee    | - S. O. Falk. |
| Chairman of Advanced Course Committee | - P. Böger.   |
9. Council instructed that Dr. Whittingham be sent a message of good wishes for his speedy recovery. The Treasurer was thanked for his services to the Federation and the retiring Secretary General was warmly thanked for taking the Chair at the Meeting and for his work on behalf of the Federation since its inception.

● APPENDIX 17: Report on the Plenary Session on 13 July 1978 in Edinburgh.

FEDERATION OF EUROPEAN SOCIETIES OF PLANT PHYSIOLOGY

REPORT OF PLENARY SESSION - UNIVERSITY OF EDINBURGH

13 JULY 1978.

About 250 Members attended this Session.

In the Chair: Professor Dr. H. Ziegler.

1. Secretary General's Report.

(a) It was reported that the following countries had joined the Federation through their National Societies: Austria, Belgium, Denmark, Finland, France, West Germany, Israel, Italy, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, United Kingdom, Yugoslavia.

The following countries had yet to make a final decision: Bulgaria, Czechoslovakia, East Germany, Hungary, Poland, Rumania, U.S.S.R.

In addition Plant Physiologists in Greece, Ireland and Turkey were considering how they could join the Federation in the absence of a National Society.

(b) The proposal from the Chair that the draft statutes, based closely on those of F.E.B.S., was accepted nem. con.

2. Treasurer's Report.

The Balance Sheet for the Federation's financial affairs up to 1st July, 1978, was presented and adopted nem. con. The Treasurer stressed the need to receive outstanding subscriptions from Member Societies.

3. Publication Report

Dr. Falk presented his report which indicated that certain proposals including those for the establishment of a synopsis journal remained under consideration. It was stressed that new developments would be undertaken only with the cooperation of Member Societies. The report was approved nem. con.

## APPENDIX 17: page 2

## 4. Next Meeting.

It was reported that two offers had been received of venues for the next meeting in 1980: Spain (Santiago de Compostela) and Scandinavia (Göteborg or Oslo). Whilst a straw vote favoured Santiago de Compostela it was pointed out that the Federation's Statutes gave Council the final decision on this matter.

The necessity to avoid a clash with the I.A.P.P. meeting in Calgary was pointed out and accepted.

## 5. Officers.

The following were elected Officers of the Federation:

Secretary General	- J. E. Dale.
Treasurer	- H. Veen.
Chairman of Publications Committee	- S. O. Falk.
Chairman of Advanced Courses Committee	- P. Böger.

## 6. Votes of Thanks.

Warm votes of thanks were given to the University of Edinburgh and the local organising team led by Drs. R.O.D. Dixon and R.F. Lyndon for the success of the meeting, to the Council of the Federation and particularly to Drs. Ziegler and Whittingham for their services. The best wishes of the Meeting were sent to Dr. Whittingham.



FEDERATION OF EUROPEAN SOCIETIES OF PLANT PHYSIOLOGY

Report of Council Meeting held at University of Edinburgh 13th July, 1978.

Present: R. Antoszewski (Poland), P. Böger (Chairman, Advanced Courses Committee), J.E. Dale (Secretary General), S.O. Falk (Chairman, Publications Committee), O.M. Heide (Scandinavian Society), R. Heller (France), B. Jacoby (Israel), B. Kudrev (Bulgaria), P. Lado (Italy), U. Lüttge (W. Germany), K. Muntz (E. Germany), L. Neirinckx (Belgium), H. Veen (Treasurer).

1. (a) It was agreed that the Publications Committee should consist of: S.O. Falk, O.M. Heide, R. Heller and C.P. Whittingham.  
(b) It was agreed that this Committee should report to the Council through the Executive Committee on proposals for new publishing ventures not later than May, 1979.
2. (a) It was agreed that the Advanced Course Committee should consist of: P. Böger, R. Antoszewski, M. Black, G.L. Farkas.  
(b) It was agreed that this Committee would also report to the Council through the Executive Committee on proposals for Advanced Course activities not later than May, 1979.
3. It was agreed that the Executive Committee should next meet not later than July 1979 to consider the reports for the Publications and Advanced Course Committees.
4. It was agreed that C.P. Whittingham should act as Chairman of the Executive Committee until a decision was reached on the venue of the next General Assembly.
5. It was agreed that the next General Assembly should be in July 1980 and that the Spanish and Scandinavian Societies should be invited to send detailed proposals for the organisation of the meeting to the Secretary

General by the end of August 1978. This information would be circulated to enable Council Members to come to a decision on venue by the end of September 1978. A Programme Committee would then be set up to produce outline arrangements for the Scientific Programme by the end of January 1979.

● APPENDIX 19: Programme of the First FESPP Congress in Edinburgh 1978

FEDERATION OF EUROPEAN SOCIETIES  
OF  
PLANT PHYSIOLOGY

ABSTRACTS OF INVITED AND POSTER PAPERS

INAUGURAL MEETING  
UNIVERSITY OF EDINBURGH 9-14 JULY 1978  
ORGANISED BY SOCIETY FOR EXPERIMENTAL BIOLOGY

FEDERATION OF EUROPEAN SOCIETIES OF PLANT PHYSIOLOGY

At a meeting held in Vienna on 4th February 1977, which was attended by delegates from Societies for Plant Physiology, or Plant Physiological Sub-Groups of Biological Societies invited from all European Countries an Interim Council was elected to facilitate the establishment of a Federation of European Societies of Plant Physiology (FESPP) The objects of the Federation are:

- a. To facilitate the exchange of scientific information between plant physiologists in general and European plant physiologists in particular by the holding of meetings and discussions and by other appropriate means;
- b. To arrange instructional courses on matters connected with plant physiology;
- c. To advance the exchange of scientists.

The Council of the interim organisation accepted the kind invitation of the Society for Experimental Biology to hold the first General Assembly and Scientific Meeting of FESPP in Edinburgh. The Interim Council is very grateful to the Society for Experimental Biology and to the University of Edinburgh for making this meeting possible. In warmly welcoming all participants, the Council hope that you will find the meeting interesting, stimulating and enjoyable.

C. P. Whittingham,  
Chairman - FESPP Interim Council.

PROGRAMME COMMITTEE FOR EDINBURGH MEETING

- G. L. FARKAS.
- O. M. HEIDE.
- P. E. PILET.
- J. E. DALE (Secretary).

LOCAL ORGANISING COMMITTEE AT EDINBURGH

- J. E. DALE (Convener)
- R. O. D. DIXON (Registration, Accommodation, Excursions).
- R. F. LYNDON (Appleton Tower facilities).

PLANT BIOLOGY COMMITTEE OF S.E.B.

- |                                   |                        |
|-----------------------------------|------------------------|
| P. E. WEAVERLEY (Vice President); | J. E. DALE (Secretary) |
| D. GRIERSON.                      | J. L. STODDART.        |
| B. FRANKLAND.                     | D. T. CLARKSON.        |
| J. R. HILLMAN.                    | ELIZABETH CUTTER.      |
| P. G. JARVIS.                     | D. A. WALKER.          |
| D. H. LEWIS.                      |                        |

NATIONAL SOCIETIES SUBSCRIBING TO F.E.S.P.P. (at 3/3/78).

1. Österr. Arbeitskreis für Pflanzenphysiologie.
2. Societe Royal de Botanique de Belgique.
3. Societe Francaise de Physiologie vegetale.
4. Deutsche Botanische Gesellschaft, Sektion Pflanzenphysiologie.
5. Botanical Society of Israel.
6. Societe Italiano di Fisiologia Vegetale.
7. Royal Botanical Society of the Netherlands.
8. Portugese Society of Plant Physiology.
9. Scandinavian Society for Plant Physiology.
10. Sociedad Espanola de Fisiologia Vegetal.
11. Societe Suisse de Physiologie vegetale.
12. Society for Experimental Biology.

INTERIM COUNCIL OF F.E.S.P.P.

- C. P. WHITTINGHAM (Chairman; S.W.B.)  
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O. M. HEIDE (Scandinavian Society)  
E. VIEITEZ (Spain)  
P. E. PILET (Switzerland)

WEDNESDAY, 12th JULY, 1978

SYMPOSIUM - PLANT GROWTH AND DEVELOPMENT AT THE  
MOLECULAR AND CELLULAR LEVEL.

(George Square Theatre)

CHAIRMAN: H. ZIEGLER

- 09.30 Opening remarks by Chairman
- 09.45 M. B. WILKINS (Glasgow): The cellular and molecular basis for time measurement in plants.
- 10.15 C. J. LEAVER and B. G. FORDE (Edinburgh): Mitochondrial genome expression in higher plants.
- 10.45 COFFEE
- 11.15 O. CIFERRI (Pavia): Sites of synthesis and codification of chloroplast proteins.
- 11.45 T. ERIKSSON (Uppsala): Growth regulation in cultured plant cells and protoplasts.
- 12.15 P. MALIGA (Szeged): Mutants and somatic hybridisation.
- 12.45 GENERAL DISCUSSION
- 13.00 LUNCH

CHAIRMAN: R. HELLER

- 14.15 J. GUERN (Paris): Some aspects of cell division control in higher plant cells.
- 14.45 A. SZWEYKOWSKA (Poznan): The action of cytokinins in plant development and in the translation process.
- 15.15 TEA
- 15.45 K. R. LIBBENGA (Leiden): Some aspects of the molecular action mechanism of hormones in plant development.
- 16.15 B. KESSLER (Bet-Dagan): Changes of chromosome DNA and juvenile-adult phase change in woody plants.
- 16.45 GENERAL DISCUSSION
- 17.00 END OF SYMPOSIUM

Monday, 10th July 1978.

SYMPOSIUM - TRANSPORT IN PLANTS  
(George Square Lecture Theatre)

CHAIRMAN: P. E. WEATHERLEY F.R.S.

- 09.30 Opening remarks by Chairman.
- 09.45 R. P. C. JOHNSON (Aberdeen): The microscopy of the sieve tube in relation to its function.
- 10.15 H. B. A. PRINS, R. J. HELDER and P. J. C. KUIPER (Groningen): Bicarbonate fixation and polar ion transport in leaves of *Potamogeton* and *Elodea*.
- 10.45 COFFEE
- 11.15 R. DEJAEGERE (Brussels): Proton release and ion uptake in higher plants.
- 11.45 P. NISSEN (Bergen): Discontinuous transitions in ion uptake, nutrient accumulation, and ATPase stimulation: Implications of multiphasic kinetics for mechanisms, fluxes and regulation.
- 12.15 B. JACOBY (Rehovot): Energy coupling to membrane transport in higher plants.
- 12.45 GENERAL DISCUSSION
- 13.00 LUNCH.

CHAIRMAN: E. VIEITEZ

- 14.15 A. LÜCHLI (Darmstadt): Ion transport in the roots: involvement of living vessels.
- 14.45 P. E. PILET (Lausanne): The light effect on root elongation and georeaction: transport of growth inhibitors.
- 15.15 TEA
- 15.45 J. BONNEMAIN (Poitiers): Some aspects of the physiology of collateral and bicollateral bundles.
- 16.15 E. MARRE (Milan): On the relationships between transport and growth in plants.
- 16.45 GENERAL DISCUSSION
- 17.00 END OF SYMPOSIUM



● APPENDIX 20: FESPP Address list 1980

F.E.S.P.P. representatives: Address list.  
Please notify Secretary-General of any  
corrections or alterations as soon as possible

Council and Officers: October 1980

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SPAIN

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POLAND

To be notified

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## FEDERATION OF EUROPEAN SOCIETIES OF PLANT PHYSIOLOGY (FESPP)

Address list of FESPP representatives (August 1984)

Please notify the Secretary-General of any corrections or alterations as soon as possible

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Prof. Dr. Y. Vardar  
Yah Cad  
Yillah Apt. 468/5  
Kariyaka-Izmir, Turkey

● APPENDIX 22: Speech of thanks given at the General Assembly 1984

Speech of thanks held at the General Assembly of all FESPP-members in Strasbourg on August 1st, 1984.

Mr. President, dear colleagues:

As the future president of the Federation of the European Societies of Plant Physiology it is my pleasant duty to thank

- the French Society de Physiologie végétale,
- the national Organizing Committee,
- the local Organizing Committee,
- the many helping hands
- and above all, you President Duranton

for all the service and help you have given to the Federation by organizing this wonderfully successful and friendly Congress.

Je remercie très chaleureusement toutes les personnes qui se sont occupées de l'organisation de ce Congrès et plus particulièrement je remercie le président Henri Duranton.

You all have given a great example, which we hope we can follow in Hamburg.

On this occasion I would like to thank all former officers of the Executive Council of the FESPP, for their active contributions and particularly its past Secretary-General John E. Dale, who by his personal commitment over many years has made the FESPP a reality.

I now call upon all European Plant Physiologists to meet again in Hamburg in two years time.

H.K. Lichtenthaler, Karlsruhe



*The Federation of European Societies of Plant Physiology  
bestows this*

## *DIPLOMA*

*upon*

***PROF. DR. HUBERT ZIEGLER***

*Institut für Botanik und Mikrobiologie,  
Technische Universität München, Germany*

*as a token of thanks of his meritorious and selfless services  
towards developing and encouraging the idea of the FESPP  
as a European organization of distinguished scientists from  
the early 1970s until its official foundation in 1978.*

*September, 1986*

*Prof. Dr. H. K. Lichtenthaler  
Chairman of the Council*

*Prof. Dr. Peter Böger  
Secretary-General*



*The Federation of European Societies of Plant Physiology  
bestows this*

## *DIPLOMA*

*upon*

***PROF. DR. RENÉ HELLER***

*Laboratoire Physiologie Végétale, Université de Paris,  
France*

*as a token of thanks of his meritorious and selfless services  
towards developing and encouraging the idea of the FESPP  
as a European organization of distinguished scientists from  
the early 1970s until its official foundation in 1978.*

*September, 1986*

*Prof. Dr. H. K. Lichtenthaler  
Chairman of the Council*

*Prof. Dr. Peter Böger  
Secretary-General*



*The Federation of European Societies of Plant Physiology  
bestows this*

## *DIPLOMA*

*upon*

***PROF. DR. ANDERS KYLIN***

*Department of Plant Physiology, University of Lund,  
Sweden*

*as a token of thanks of his meritorious and selfless services  
towards developing and encouraging the idea of the FESPP  
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*September, 1986*

*Prof. Dr. H. K. Lichtenthaler  
Chairman of the Council*

*Prof. Dr. Peter Böger  
Secretary-General*





*The Federation of European Societies of Plant Physiology  
bestows this*

## *DIPLOMA*

*upon*

***PROF. DR. PAUL-ÉMILE PILET***

*Institut de Biologie et Physiologie Végétale, Lausanne,  
Switzerland.*

*as a token of thanks of his meritorious and selfless services  
towards developing and encouraging the idea of the FESPP  
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the early 1970s until its official foundation in 1978.*

*September, 1986*

*Prof. Dr. H. K. Lichtenthaler  
Chairman of the Council*

*Prof. Dr. Peter Böger  
Secretary-General*



*The Federation of European Societies of Plant Physiology  
bestows this*

## *DIPLOMA*

*upon*

***PROF. DR. C. P. WHITTINGHAM***

*Rothamsted Exp. Station, Harpenden, Hertfordshire,  
England*

*as a token of thanks of his meritorious and selfless services  
towards developing and encouraging the idea of the FESPP  
as a European organization of distinguished scientists from  
the early 1970s until its official foundation in 1978.*

*September, 1986*

*Prof. Dr. H. K. Lichtenthaler  
Chairman of the Council*

*Prof. Dr. Peter Böger  
Secretary-General*



*The Federation of European Societies of Plant Physiology  
bestows this*

## *DIPLOMA*

*upon*

***DR. HENK VEEN***

*Center for Agrobiological Research, Wageningen,  
The Netherlands*

*as a token of thanks of his meritorious and selfless services  
towards developing and encouraging the idea of the FESPP  
as a European organization of distinguished scientists from  
the early 1970s until its official foundation in 1978.*

*September, 1986*

*Prof. Dr. H. K. Lichtenthaler  
Chairman of the Council*

*Prof. Dr. Peter Böger  
Secretary-General*

# FEDERATION

# OF

# EUROPEAN SOCIETIES

# OF

# PLANT PHYSIOLOGY

# III CONGRESS

organised by

Polish Botanical Society

# WARSAW

# 6-10 September 1982

Organising Committee: R. Antoszewski (Chairman)  
A. Kacperska-Lewak (Secretary)

5. Each abstract may include some figures (but no photographs), tables and references. The title should appear as follows:  
KONINGS, H.

University of Utrecht

Differences in the auxin-ethylene inter relationship between roots of mono- and dicotyledonous species

References cited in the text by number should be given at the end of the abstract in the following form:

7. Murashige, T. and Skoog, F. Physiol. Plant. 15:473 (1962).

### Typing instructions

1. Use heavy quality, white A4 paper (size 30 cm x 21 cm).
2. The left hand margin must be 2.5 cm. All other margins must be 1.5 cm
3. Use a typewriter, preferably an electric one, and a good quality black ribbon. Remember that a new ribbon is likely to smudge. Draw any special symbols that are required, together with equations and figures in black ink, on the paper.
4. Do not make carbon copies. Remember to send 2 photocopies with your completed abstract.
5. Do not erase. Your abstract will be published exactly as submitted. It will not be edited and you will be responsible for any errors.

### Calendar.

- Final date for receipt of Entry Forms is 31st October 1981.
- Final date of receipt of Abstracts is 31st March 1982.
- Second Circular dispatched February 1982.

### GUIDELINES FOR THE PREPARATION OF POSTER PAPERS

1. Poster space will be available in the form of vertical display boards 175 cm wide x 115 cm high.
2. All illustrations should be prepared beforehand and brought with you. They need not be as artistic as those prepared for permanent slides, but should be bigger, boldly drawn with heavy lettering at least 1 cm high, so that they are easily read from a distance of 1.5 m.
2. Avoid an excessive amount of verbal description which is often difficult to read and to take in. Remember that the printed Abstracts will be available to supplement your Poster paper.

### PREPARATION OF ABSTRACTS

Please follow these instructions carefully. Failure to do so may mean that it will not be possible to have your abstract printed.

1. Abstract of Poster papers must be typed as indicated below and accompanied by 2 additional photocopies of the complete Abstract.
2. Abstracts should be sent to:  
Dr. A. Kacperska-Lewak  
III Congress of FESPP  
University of Warsaw  
Krakowskie Przedmiescie 26-28  
00-927/1 Warsaw  
Poland

- and should arrive not later than 31st March 1982. Abstracts received after this date will not be printed.
3. Please ensure that your abstract is sent, unfolded, with a cardboard support to prevent damage in the post. Any damaged abstract will have to be returned for retyping, as will any poorly prepared abstract unsuitable for direct reprint. Since time will be very limited the deadline of 31st March must be kept to.
4. Each abstract (one per Poster paper) may be up to 2 (A4) pages long. Each page must be typed separately. Should the abstract exceed 2 pages only the first 2 pages will be printed and the abstract will not be complete.

## SCIENTIFIC PROGRAMME

### 1. GENERAL

The Congress will be held in the University of Warsaw from 5-10 September 1982. Registration will commence on Sunday 5 September at 16.00 h and the meeting will open at 9.00 h on Monday 6 September.

The Congress will include:

- Plenary Lectures.
- Lectures, given by invited speakers.
- Poster Papers, contributed by Members of FESPP.
- Workshops and small group discussions.

As at previous Meetings of FESPP, Poster Papers will be a most important component of the Scientific Programme.

The theme of the Meeting will be: **Physiological and Biochemical Bases of Plant Productivity.** It is planned to hold sessions on the following topics:

- Ionic Regulation of Plant Metabolism; Natural and Artificial Factors Regulating Photosynthesis; Nutritional and Hormonal Aspects of Co-ordination in the Intact Plant; Embryo Activation and the Regulation of Morphogenesis; Designing High-Yield Plants and Plant Communities; Physiology of Unusual Plant-Producers of Biomass; Role of models in Plant Physiology; New Research Techniques in Plant Physiology.

### 2. LECTURES AND POSTER PAPERS

(a) The Lecture Programme will be arranged by the Programme Committee who will invite speakers to lecture on selected topics.

(b) Offers of contribution in the form of Poster Papers on any aspect of Plant Physiology will be welcome; and especially where they relate to the themes of the Meeting.

(c) All contributors will be expected to produce Abstracts of their papers. Those presenting Poster Papers will be expected to attend their demonstration for at least one of the sessions set aside for this purpose. A number of Workshop-Discussion sessions will be arranged at which papers relating to certain topics can be discussed throughout the Conference.

(d) The Poster Papers will be on display throughout the Conference. Special viewing times will be arranged when authors will be expected to be present in order to answer questions and give further information.

(e) All those attending the Conference will be given a set of Abstracts of Lectures and Poster Papers.

(f) Procedure for entering a Poster Paper

- i) Entries for the Programme can only be accepted from members of Societies affiliated to FESPP.
- ii) Intending contributors should complete the Entry Form. They should also prepare an abstract as indicated in the Instructions on the reverse of this page. The completed Entry Form should be sent to arrive by 31 October 1981. The Abstracts should be sent to arrive not later than 31 March 1982.
- iii) All entries received by 31 October 1981 will be listed in the printed Programme. Any entry received after 31 October but before 31 December 1981 will not be listed in the Programme. However, at the discretion of the Programme Committee such late entries may be accepted and the Abstract, provided it is received by 31 March 1982 will be printed in the Book of Abstracts.

Entries received after 31 December will not be accepted and abstracts received after 31 March will not be printed.

### 3. THE PRINTED PROGRAMME

The Programme will be sent out in February 1982 and will include details of the Lecture Programme and a list of Poster Papers, with an indication of the times at which these should be curated by authors.

### ACCOMMODATION AND REGISTRATION

Full details of available accommodation, which will include inexpensive dormitories, and hotels, will be given in the Booking Form to be sent out with the Registration Form and Programme in February 1982.

Most participants will require a Polish visa and should contact their Polish Consulate in good time to obtain this.

Registration Fees are not finally known but are likely to be as follows:

Members affiliated to FESPP.....	\$100
Student Members affiliated to FESPP.....	\$60
Those not affiliated to FESPP.....	\$180
Conference Associates.....	\$35

● APPENDIX 25: Wellcome address to the 5th FESPP CONGRESS

WELLCOME ADDRESS TO THE PARTICIPANTS IN THE 5TH FESPP CONGRESS

Dear Colleagues,

You have come to Hamburg to take part in the 5th Congress of the Federation of European Societies of Plant Physiology. As chairman of the Federation I welcome you to Germany and Hamburg. I hope that you will meet old friends and make new contacts with colleagues from all over Europe in North, South, East and West. Whether in the lecture halls or during walks in the magnificent Hamburg Botanical Garden, may the exchange of scientific results and new ideas stimulate your further scientific work. The FESPP Executive Council, the Programme Committee and last but not least the Hamburg colleagues of the Organization Committee have done their best to provide you with a stimulating framework of interesting scientific sessions, poster discussions and various social and cultural events including a concert, a boat trip on the Elbe and a FESPP banquet. Let me wish you a successful congress and a very agreeable stay in this Northern German city with its Hanseatic tradition and charm.

August 1986

*Hartmut K. Lichtenthaler*  
Hartmut K. Lichtenthaler

(Chairman of the FESPP Council)

LEHRSTUHL FÜR BOTANIK  
INSTITUT FÜR BOTANIK UND MIKROBIOLOGIE  
DER TECHNISCHEN UNIVERSITÄT MÜNCHEN

o. Prof. Dr. H. Ziegler

D-8 MÜNCHEN 2, 21.4.1986  
Arcisstraße 21, Tel. (089) 21 05 2631  
Briefpostfach 20 24 20  
Telex 522854 tumue d

Herrn  
Prof. Dr. H. Lichtenthaler  
Chairman FESPP  
Kaiserstr. 12  
7500 K a r l s r u h e

Lieber Herr Lichtenthaler!

Anbei übersende ich Ihnen Kopien derjenigen Unterlagen für die Geschichte von FESPP, die noch bei mir sind und die mir für Ihre Zwecke <sup>±</sup> interessant erscheinen. Wie Sie sehen, ist FESPP aus Bestrebungen entstanden zur "Rationalization of Scientific Journals", für die sich besonders Anders Kylin eingesetzt hat. Die Idee einer FESPP kam von mir, ebenso der Entwurf der Statuten. Ich hatte dabei die sehr erfolgreiche FEBS (Federation European Biochemical Societies) vor Augen, an deren Statuten die der FESPP sich dann auch engstens anlehnen. Ich hatte mich auch vom Präsidium der FEBS beraten lassen, die mir u.a. empfahlen, einen Niederländer zum Schatzmeister zu wählen, weil unsere Nachbarn hierfür am besten geeignet seien! Der Anlehnung an die FEBS-Statuten lag die Hoffnung zugrunde, daß man sich in den osteuropäischen Staaten beim Antrag auf Beitritt auf den Präzedenzfall von FEBS berufen könnte.

Im übrigen ist die Historie in dem Exposé von 1976 (unterzeichnet von Whittingham und mir) kurz dargestellt.

Nicht verwirklichen ließ sich bisher die Idee einer Zusammenfassung mehrerer Zeitschriften für Pflanzenphysiologie in Europa zu einem European Journal Plant Physiology (im Gegensatz zu dem sehr erfolgreichen Eur. J. Biochemistry), also das älteste Ziel der gemeinsamen Bemühungen.

Weitere Einzelheiten könnten Sie sicher aus den bei DALE befindlichen Akten entnehmen. Viel Erfolg bei Ihren Plänen!

Mit den besten Grüßen

Ihr



LEHRSTUHL FÜR BOTANIK  
INSTITUT FÜR BOTANIK UND MIKROBIOLOGIE  
DER TECHNISCHEN UNIVERSITÄT MÜNCHEN  
o. Prof. Dr. H. Ziegler

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Herrn  
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