

J. Orcel and P. Urbain, to whom the thanks of the Union are due.

(2) During the period 1-7 August eighteen members from six countries attended a mineralogical and geological excursion to the Midi.

Visits were made to the mines of Montredon-Labessonnié, Salsigne, Ceilhes, Soulier and La Mure, the bauxite deposits of Les Baux and the spectacular 'cirque de Navacelles'. The party was also able to see the Roman and other antiquities of Albi, Carcassonne, Nîmes, Arles and Avignon, and to visit the École des Mines of Alès and the universities of Montpellier and Grenoble. The warm thanks of the Union are due to the leader of the expedition, C. Guillemin, and to E. F. Bertaut, P. Demangeon, the Ingénieur en Chef des Mines Vuillot and the Directors and staffs of the mines and institutions visited for the preparations they made for the party and for their hospitality.

(3) During the period 2-6 August some twenty members from eight countries visited the Dordogne and the Bordeaux region. During the excursion the members saw much of this rich part of France with its geological, archaeological, historical and viticultural interests. Among the places visited were: the tungsten mine at Puy-les-Vignes (Haute Vienne), the mine of extraordinary

quartz with good cleavage at St Paul-la-Roche (Dordogne), the cave paintings at Lascaux, the prehistoric site Les Eyzies, the 'ville musée' of Sarlat, the château of La Brède and the vineyards of St Emilion and of Château d'Yquem.

The warm thanks of the Union are due to the organizers of the excursion, R. Gay and F. Kraut, and to Mme Gay; to M. Gandillot and M. Malvesin-Fabre; and to the managers of the mines at Puy-les-Vignes and St Paul-la-Roche and of the vineyards at Château d'Yquem.

The following items may be obtained at the prices indicated, post free, from the Secretary of the Organizing Committee (A. J. Rose, Laboratoire de Minéralogie, 1 rue Victor Cousin, Paris 5, France):

Abstracts of papers	1000 francs
Programme	300 francs
Catalogue of apparatus exhibition	300 francs
List of names and addresses of members	200 francs
Commemorative bronze medal	1000 francs
(see illustration on p. 609).	

All orders must be accompanied by a remittance payable to M. le Trésorier de la Société française de Minéralogie et de Cristallographie.

Statutes and By-Laws of the International Union of Crystallography

The following Statutes and By-Laws were adopted at a session of the Third General Assembly held in Paris on 28 July 1954.

STATUTES

I. *Objects of the Union*

1. The objects of the Union are:

- to promote international co-operation in crystallography;
- to promote international publication of crystallographic research and of crystallographic works;
- to facilitate standardization of methods and of units in crystallography;
- to form a focus for the relations of crystallography to other sciences.

2. The Union is a member of the International Council of Scientific Unions.

II. *Membership*

3. In each country the Adhering Body is the National Academy, the National Research Council or similar institution, a Scientific Society or a group of such Societies, or finally an independent National Committee formed for the purpose of adhering to the Union. In each case a National Committee of Crystallography shall be formed, and admission to the Union shall be ratified when the membership of this Committee has been reported to, and recognized by, the General Assembly.

4. The term 'country' shall be understood to include Dominions, Colonies, Protectorates, any dependencies which budget independently for scientific purposes, and any group of independent States which agree to form a Joint National Committee of Crystallography.

5. Each country shall adhere to the Union in any one of eight Groups I-VIII with corresponding voting powers and contributions as set out in paragraphs 8 and 10. The Adhering Body of each country shall make known to the General Secretary before the opening of each General Assembly the Group adopted for the period to the next General Assembly.

6. An Adhering Body may select different Groups for participation in Special Projects which are under the control of Commissions or Joint Commissions of the Union and which are financed independently of the General Expenditure of the Union; or it may refrain from participation in such projects. Voting powers and contributions in respect of each Special Project shall correspond to the Group selected for that project as set out in paragraphs 8 and 10. The Adhering Body of each country shall make known to the General Secretary before the opening of each General Assembly the Group, or Groups, adopted in respect of Special Projects for the period to the next General Assembly.

III. *Administration*

7. The work of the Union shall be directed by the General Assembly of delegates appointed by the Adhering Bodies.

8. Voting at General Assemblies shall be by countries, which shall have votes in accordance with the Group in which they adhere, as follows:

Group	I-III	IV-VI	VII, VIII
Number of votes	1	3	5

The Adhering Body of each country shall make known to the President before the opening of each General Assembly the names of the delegates (and of their sub-

stitutes) appointed to vote on behalf of that country. Each of the delegates present at a General Assembly shall have one vote only. Any Adhering Body not fully represented at a General Assembly may forward its remaining votes to the President by letter, and such votes shall be valid if received before the votes are counted.

9. The General Assembly may formulate By-Laws on any matters not covered by these Statutes.

IV. *Finance*

10. Each Adhering Body shall pay an annual subscription in accordance with the Group in which it adheres, as follows:

Group	I	II	III	IV
Number of unit contributions	1	2	3	5
Group	V	VI	VII	VIII
Number of unit contributions	7	9	12	15

11. The unit contribution shall be quoted in gold weight.

12. The financing and management of Special Projects of the Union may be kept distinct from General Expenditure, and Adhering Bodies shall be pledged only for the General Contribution.

13. The annual subscriptions shall be paid by the Adhering Bodies during the calendar year to which they apply.

14. Any Adhering Body which is in arrears with its contribution for two years shall be warned and shall be deprived of its voting power. Any Adhering Body which is in arrears for four years shall cease to be a member of the Union.

15. In the event of dissolution of the Union the General Assembly shall appoint a special Committee, reporting to the International Council of Scientific Unions, for the distribution of available assets of the Union to the Adhering Bodies in proportion to their contributions to the financing of the General Expenditure and Special Projects of the Union in the three years preceding dissolution.

V. *Statutes*

16. Changes in the Statutes may be proposed by the Executive Committee of the Union or by any of the Adhering Bodies. Notice of such proposed changes shall reach the General Secretary at least three months before a General Assembly. No change shall be made in the Statutes except at a General Assembly and with the approval of two-thirds of the votes of the Adhering Bodies.

VI. *Duration of the Union*

17. The duration of the Union is not limited.

18. The Union shall not be dissolved except at a General Assembly and with the approval of two-thirds of the votes of the Adhering Bodies.

VII. *Authoritative Text*

19. The present English text of the Statutes shall be considered the authoritative one.

BY-LAWS

I. *Administration*

1. The General Assembly shall normally meet every three years. If the date and place of the meeting have not been previously decided, they shall be determined by the Executive Committee and notice shall be despatched to Adhering Bodies at least six months in advance.

2. Commissions of the Union and Adhering Bodies may propose business to be transacted at General Assemblies. Such proposals shall reach the General Secretary at least fourteen weeks before the meeting.

3. The agenda of business to be transacted at General Assemblies shall be determined by the Executive Committee and shall be despatched to Adhering Bodies at least ten weeks before the meeting. No question which has not been placed on the agenda shall be discussed or put to the vote unless a proposal to that effect be approved by a majority of the votes of Adhering Bodies represented at the meeting.

4. The President may invite any scientist to an ordinary meeting of the General Assembly. Such invited guests may take part in the discussions but shall have no power of voting.

5. The General Assembly shall

- give recognition to the National Committees;
- elect the Officers of the Union;
- elect Commissions of the Union and determine their terms of reference;
- determine the Special Projects which shall be financed independently of General Expenditure;
- receive reports on the activities of the Union and of its Commissions;
- receive the budget and determine the unit contribution for General Expenditure and for Special Projects;
- determine the general policy and the time-table for the period to the next General Assembly.

6. The Officers elected by the General Assembly are:

- the President;
- two Vice-Presidents;
- the General Secretary;
- six ordinary members.

These Officers are referred to as the Officers of the Union and constitute its Executive Committee. One of the Vice-Presidents and three of the ordinary members are elected at each ordinary General Assembly and hold office until the close of the ordinary General Assembly next but one following their election. All the other Officers hold office until the close of the ordinary General Assembly following that of their election. The President and Vice-Presidents are not eligible for re-election to the same office. Other Officers are immediately eligible for re-election.

As an interim measure, at the ordinary General Assembly at which this amended By-Law is adopted, one Vice-President and three ordinary members shall be elected to hold office until the close of the ordinary General Assembly following that of their election. This is in addition to the one Vice-President and three ordinary members elected under the conditions of the preceding paragraph. The present paragraph shall cease to be part

of the By-Laws at the close of the ordinary General Assembly next following that at which it is adopted.

7. The Executive Committee may fill by co-optation any vacancy occurring in its body. Any persons appointed shall hold office until the close of the next ordinary General Assembly.

8. Any officer unable to attend meetings of the Executive Committee may delegate his powers, including his vote, to a deputy duly nominated by him in writing.

9. The Executive Committee shall present an annual report to each Adhering Body and shall also report on its activities to the General Assembly. The report to the General Assembly shall be despatched by the General Secretary to Adhering Bodies at least ten weeks before the meeting.

10. The President, on the advice of his fellow Officers, may call Extraordinary General Assemblies; he shall call such Assemblies at the request of not less than half of the Adhering Bodies.

11. The agenda of business to be transacted at Extraordinary General Assemblies shall be determined by the Executive Committee and shall be despatched to Adhering Bodies at least four months before the meeting. No question which has not been placed on the agenda shall be discussed or put to the vote unless a proposal to that effect be approved by a majority of the votes of Adhering Bodies represented at the meeting.

II. *President*

12. The President is Chairman of the General Assembly and of the Executive Committee. He is the legal representative of the Union and its supreme representative in dealing with other bodies. He is an ex-officio member of all Commissions and Committees of the Union.

13. The President, with the approval of the Executive Committee, may delegate specified parts of his powers and duties to other members of the Executive Committee.

III. *General Secretary*

14. The General Secretary is responsible for conducting the ordinary business of the Union and for keeping its records. He is an ex-officio member of all Commissions and Committees of the Union.

IV. *Commissions of the Union*

15. The Commissions of the Union established by the General Assembly may co-opt further members and shall generally have full freedom in arranging their internal structure and work. They may formulate their own Statutes and By-Laws within the framework of the Statutes and By-Laws of the Union. If special funds are provided for their use they may make their own financial arrangements, subject to the approval of the Executive Committee.

16. The Chairman, or in the case of Joint Commissions one representative, shall forward records of all meetings of the Commissions to the General Secretary and shall report on the activities of the Commissions to the General Assembly. The reports to the General Assembly shall reach the General Secretary at least three months before the meeting and shall be despatched by him to Adhering Bodies at least ten weeks before the meeting.

V. *Finance*

17. The Executive Committee shall prepare an estimate of the budget for each of the years between the next General Assembly and that following it. These estimates shall reach the General Secretary at least three months before the meeting and shall be despatched by him to Adhering Bodies at least ten weeks before the meeting.

VI. *Authoritative Text*

18. The present English text of the By-Laws shall be considered the authoritative one.