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Union Internationale de Spéléologie

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WELCOME TO The 13th International Congress of Speleology in Brasilia D.F., Brazil, July 2001

SPELEO BRAZIL 2001

According to the decision in La Chaux-de-Fonds 1997, the 13th International Congress of Speleology will be held in capital of Brazil, in Brasilia D.F. It will be held on July 15 to 22, 2001 and it will include several special events like SPELEO-ART 2001, SPELEO-MEDIA 2001 and SPELEO-FAIR 2001. The pre-Congress excursion will be held on July 5 to 14 and the post-Congress excursions will be organized on July 23 to 30, 2001. Some special conferences, like as the 2nd International symposium of archeology and paleontology in caves, the 1st International symposium of cave diving, the 1st International symposium of protection and management of tourist caves, and the Symposium on Biospeleology, other symposia and workshops will be held during the Congress.

The Congress will be hosted by famous location, the capital of Brazil – Brasilia D.F. – the city of wonderful modern architecture built by arch. Niemayer. We suppose this site as the ideal for our Congress within the Brazil with nearly equal distances from the whole Brazil. The pleasant atmosphere of a quiet city with low level of criminality together with broad scale of entertainment possibilities, partly prepared specially for the Congress participants, will frame the scientific and bureaucratic sessions of our principal event. Pre- and post-Congress excursion are directed to the most wonderful places of the whole Brazil and South America, ranging from tropical forests up to high mountains. The information on the Congress prepared by its organizers you can kindly find inside this volume of the UIS Bulletin. It contains basic data, information on general program and on fees. Do not hesitate and fill the registration forms! Do not miss this event! Visit <http://www.speleobrazil2001.org.br>.

Two sessions of the Assembly General of the International Union of Speleology will be held traditionally at the beginning and the end of the 13th International Congress of Speleology. Inside the Bulletin, the General Secretariat gives important information concerning the preparation of the Assembly General of the UIS. We are presenting the information in advance for better information of national delegates and of all it may concern, and also for the reasons to keep certain dead-lines for the delivery of materials. The UIS Bureau has not prepared any substantial document or change of documents, like in 1997, to be discussed during the Assemblies General. Substantial change of the UIS Constitution was prepared in 1997, together with Ethic Code and other documents. We believe that those documents cover the UIS activity enough.

Editorial Note

Preparation of the General Assembly of the Union

Préparation de l'Assemblée Générale de l'Union

DELEGUES - DELEGATES - DELEGIERTE

Important note

The national delegate and his substitute representing the member country in the UIS, have to declare his validity by the official letter declaring that he is the representant of all speleologists of the country. When more than two speleological organizations (i.e., federations, unions, societies, associations) are existing, all have to declare that the national delegate was democratically elected.

F Les pays-membres dont les spéléologies ou l'organisation spéléologique sur le plan national autorisée à représenter l'ensemble des spéléologies ont décidé d'effectuer leur droit de vote dans l'Assemblée Générale de l'Union Internationale de Spéléologie par un nouveau délégué, sont priés de faire parvenir une information par écrite au Secrétaire Générale jusqu'au 1. Juin 2001 le plus tard.

E If the speleologists or the national representative organisation of speleologists in any member-country have decided to give the authorization for voting in the General Assembly of the International Union of Speleology to a new delegate, it is necessary to inform the Secretary General of the UIS by letter at least before June 1, 2001.

D Jede Mitgliedsländer, in denen die Speläologen oder die zur Vertretung der Gesamtheit der Speläologen berufene nationale Organisation beschlossen haben, die Ausübung des Stimmrechtes bei der Generalversammlung der Internationaler Union für Speläologie durch die neue Delegierte vornehmen zu lassen, werden gebeten, das Generalsekretär der Union bis spätestens 1. Juni 2001 darüber zu informieren.

DROIT DE VOTE - RIGHT OF VOTES - STIMMRECHT

F A l'Assemblée Générale chaque pays-membre dispose d'une voix. Le droit de vote est lié au membre titulaire (délégué) ou au membre suppléant du pays respectif. Selon les décisions des Assemblées Générales, il oblige en cas d'une absence de tous les deux personnes à l'Assemblée aux pays-membres d'autoriser un "délégué votant" avant le commencement de l'Assemblée par lettre. Ces lettres peuvent être adressées au Secrétaire Générale de l'Union avant le 1. juin 2001.

Selon les décisions des Assemblées Générales précédentes (Bowling Green 1981), les pays-membres qui sont en retard avec le paiement des cotisations annuelles à l'UIS plus que trois ans perdent le droit de voter; si le retard atteint plus que cinq ans, le pays respectif ne compte plus comme membre de l'UIS. Le Président de l'UIS prie donc de régler en cas de nécessité la question des cotisations aussi tôt que possible.

Les sommes des cotisations annuelles sont publiées dans chaque des derniers numéros de l'UIS-Bulletin.

E Each member-country has one vote on the General Assembly. The right to vote is given to the official delegate or to his substitute. If the two persons are absent, it is necessary - in accordance with the decision of the General Assembly in the past - for the member-country to nominate a "voting delegate" by the letter before the beginning of the General Assembly. This letter have to be sent to the UIS Secretary General before June 1, 2001.

According to past decision of the General Assembly (Bowling Green 1981), the member-country with a delay of more than 3 years in the payment of the annual contributions do not have the right to vote. If the annual contribution has not been paid more than 5 years, the country will not be included longer in the membership list. All member-countries are invited - if necessary - to contact the President as soon as possible in questions concerning the payment.

In last numbers of the UIS-Bulletin, the amount of annual contributions has been published regularly.

D In der Generalversammlung der UIS verfügt jedes Mitgliedsland über eine Stimme. Das Stimmrecht ist von Delegierten oder seinem Stellvertreter auszuüben. Wenn beide Personen bei der Generalversammlung abwesend sind, kann das Mitgliedsland jemanden anderen zur Stimmabgabe als "stimmberechtigten Delegierten" ermächtigen. Diese Ermächtigung muß aber vor dem Beginn der Generalversammlung schriftlich vorliegen. Im voraus vorgenommene Ermächtigungen müssen beim Generalsekretär der UIS vor dem 1. Juni 2001 eintreffen.

Nach den Beschlüssen früherer Generalversammlungen (Bowling Green 1981) haben Mitgliedländer, die mit ihren jährlichen Mitgliedsbeiträgen an die UIS mehr als drei Jahre im Rückstand sind, kein Stimmrecht mehr. Länder mit einem Zahlungsrückstand von mehr als fünf Jahren werden in der Mitgliederliste nicht mehr geführt. Der Präsident der UIS bittet, falls derartige Rückstände bestehen, zur Regelung der Beitragsfrage mit ihm baldmöglichst Kontakt aufzunehmen.

Die Höhe der jährlichen Beiträge der Mitgliedländer an die UIS ist in den letzten Nummern des UIS-Bulletin jeweils veröffentlicht worden.

NOUVEAUX MEMBRES - MEMBERSHIP DEMANDS - NEUE MITGLIEDER

F Des demandes de devenir membre de l'UIS doivent être parvenues au Secrétaire Générale de l'UIS avant l'ouverture du prochain Congrès Internationale de Spéléologie, en cas exceptionnel encore pendant le Congrès, mais avant la deuxième partie de l'Assemblée. Des nouveaux membres doivent dénommer immédiatement leur délégué et participent de ce moment aux votes et aux élections.

E Demand for membership are possible before the opening of the International Congress of Speleology by an information to the Secretary General of the UIS, eventually also during the Congress, but before the opening of the second part of the General Assembly. The demands are to be accepted by the voting delegates of the member-countries during the General Assembly. New members have to nominate immediately the official delegate and participate also on votes and elections.

D Anträge auf Mitgliedschaft bei der Union sind nach Möglichkeit von Beginn des kommenden Internationaler Kongresses für Speläologie dem Generalsekretär der IUS schriftlich zu übermitteln, können aber in Ausnahmefällen auch noch während des Kongresses, jedoch vor Beginn des zweiten Teiles der Generalversammlung eingebracht werden. Über die Aufnahme neuer Mitglieder entscheidet die Generalversammlung. Neue Mitglieder haben unverzüglich ihren Delegierten nahnhaft zu machen und nehmen sofort nach der Annahme ihres Aufnahmeantrages an allen Abstimmungen und Wahlen teil.

CANDIDATURES POUR LE PROCHAIN CONGRÈS - PROPOSALS FOR THE NEXT CONGRESS - KANDIDATUREN FÜR DEN NÄCHTEN KONGRESS

F Des candidatures pour le 14^e Congrès International de Spéléologie qui doit être réalisé en 2005, doivent être présentées pendant la première séance de l'Assemblée Générale de l'UIS à Brasilia D.F. en juillet 2001. Un représentant de chaque pays qui est candidat aura la chance de donner un résumé concernant le programme prévu et les régions visitées pendant les excursions. Les délégués de pays-membres peuvent, avant de voter à la fin du Congrès, discuter leur choix pendant le Congrès avec les autres participants de leur pays; en cas de nécessité l'utilisation d'une salle de réunion soit assurée par les organisateurs du Congrès. Selon les décisions précédentes en cas que l'Assemblée Générale accepte une invitation d'un pays en dehors de l'Europe, une "Conférence régionale européenne de spéléologie" sera organisée soit en 2003 ou 2006. La prière d'organiser une telle conférence sera présentée à un des pays européens qui ont été candidat pour le Congrès.

E Candidatures of member-countries for the 14th International Congress of Speleology to be held in 2005, have to be presented no later than in the opening session of the General Assembly of the UIS in Brasilia D.F. on July, 2001. In this session, each country will have the possibility to give a short summary concerning the region foreseen for the main events of the Congress and the excursion areas. During the Congress, voting delegates can discuss the proposals with the other participants from their countries. If necessary, a meeting room for this discussion will be reserved by the General Assembly, a decision is made by vote. In the case that the 13th International Congress of Speleology will be held outside of Europe, in accordance with previous decisions an "European Regional Conference of Speleology" has to be organized in 2003 or 2006. The organiser of such Conference will be the European country which candidate for the International Congress of Speleology.

D Kandidaturen für den 14. Internationaler Kongress für Speläologie, der im Jahre 2005 durchzuführen ist, sind spätestens in der ersten Session der Generalversammlung der Internationaler Union für Speläologie in Brasilia D.F. im July 2001 vorzulegen. Ein Vertreter jedes Landes, das sich um die Abhandlung des Kongresses bewirbt, wird Gelegenheit haben, den vorgesehen Veranstaltungsort und die wichtigsten Exkursionsziele vorzustellen. Die Delegierten jedes Landes haben während des Kongresses Gelegenheit, ihre Entscheidung mit allen Teilnehmern aus ihrem Land zu überlegen; die Veranstalter des Kongresses werden im Bedarfsfall ein Sitzungszimmer für diesen Zweck bereitstellen. Für den Fall, dass die Wahl im zweiten Teil der Generalversammlung der IUS am Schluss des Kongresses auf ein aussereuropäisches Land fällt, nach den früheren Beschlüssen hat die Abhandlung einer "Europäischen Regionalkonferenz für Speläologie" entweder im Jahre 2003 oder 2006 beschlossen. Um die Durchführung dieser Veranstaltung soll ein Land ersucht werden, das selbst Kandidat für den nächsten Internationaler Kongress gewesen ist.

COMMISSIONS, GROUPES DE TRAVAIL ET COMITÉES COMMISSION, WORKING GROUPS AND COMMITTEES - KOMMISSIONEN UND ARBEITSGRUPPEN

F Les Présidents des Commissions, Comités et des Groupes de Travail ont été invité d'envoyer au Secrétaire Générale de l'UIS un rapport concernant l'activité de leur groupement respectif depuis le dernier Congrès Internationale de Spéléologie le 28 février 2001 le plus tard. Jusqu'à cette date, on attend aussi des propositions concernant les travaux proposés pour le futur.

Il est prévu de publier l'ensemble de ces rapports dans un numéro spécial de l'UIS Bulletin avant le prochain Congrès et de distribuer ce numéro aux participants de l'Assemblée Générale de l'UIS à Brasilia D.F.

Pendant le 13^{ème} Congrès Internationale de Spéléologie, des séances de tous les Commissions de l'UIS sont prévues.

E The Presidents of Commissions, Committees and Working Groups are invited to send the report concerning the activities during the last period of work and the intentions for the forthcoming four-years-period to the Secretary General of the UIS before February 28, 2001.

It is foreseen to publish all reports in a special number of the UIS Bulletin before the 13th International Congress of Speleology and to distribute this number to the participants of the General Assembly of the UIS in Brasilia D.F.

Sessions of all Commissions are foreseen during this Congress.

D Die Vorsitzenden der Kommissionen und Arbeitsgruppen der UIS wurden eingeladen, dem Generalsekretär der UIS bis zum 28. Februar 2001 einen Tätigkeitsbericht über die zu Ende gehenden Arbeitperiode zu übermitteln, sowie Vorschläge über die zukünftige Zielsetzung zu erstatten.

Die Berichte sollen vor der Generalversammlung der UIS im July 2001 in einem Heft des UIS Bulletin zusammengefasst und dort vorgelegt werden.

Während des 13. Internationaler Kongresses für Speläologie sind zwar Sitzungen aller Kommissionen vorgesehen.

AGENDA OF THE ASSEMBLY GENERAL

The detailed version of agenda will be presented in the UIS Bulletin Vol. 48, No. 2, 2001 before the Congress.

Candidate for International Congress of Speleology 2005!

I am very pleased to inform you that France is now actively preparing to be a candidate for our UIS Congress in 2005 and will be pleased and honoured to receive all of you.

The selected city is Pau, a lovely and very accessible (garden-) city near the Pyrenees and Pierre-Saint-Martin (2 international airports, the TGV high speed train, the superhighway and many other pleasant roads), with a nice congress palace facing high mountains and the lively Gave de Rau River; moreover, palm trees are not rare in Pau. A high choice of excursions and explorations will be available in world-famous caves (Pierre-Saint-Martin, prehistoric caves, ...) and many others and we intend to have plenty of presentations. Accommodation facilities are plenty (hotels, university rooms, dormitories, campings, any thing for all wishes), and food is, of course, excellent.

Claude Mouret

SPELEOBRAZIL 2001



13th International Congress of Speleology (ICS)
4th Speleological Congress of Latin America and the Caribbean (CEALC)
26th Brazilian Congress of Speleology (CBE)

SPELEOLOGY IN THE THIRD MILLENIUM: SUSTAINABLE DEVELOPMENT OF KARST ENVIRONMENTS

Promoted by: **Brazilian Speleological Society (SBE)**
Speleological Federation of Latin America and the Caribbean (FEALC)
International Union of Speleology (UIS)
Organized by the **Brazilian Speleological Society**

Supported by the **Ministry of the Environment/IBAMA/CECAV**

Pre-Congress Excursions: July 14-21, 2001

MAIN EVENT: July 15-22, 2001

Post-Congress Excursions: July 23-August 8, 2001

Symposia: XVth International Symposium of Biospeleology; IInd International Symposium of Archaeology and Paleontology in Caves; Ist International Symposium of Cave Diving; Lectures and Round Tables; Papers and Posters

Institutional Activities: Assemblies (UIS/FEALC/SBE)

Socio-cultural Activities: Exhibits, Speleomedia, Speleoart, 1-day trips

Pre- and Post-Congress Trips in Brazil

1. Touristic Management of Southern Brazilian Caves: 8 days USD 600*
2. Quaternary Registers and Environmental Impacts around Lagoa Santa: 3 days USD 350*
3. Show Caves and Historic Cities of Minas Gerais: 5 days USD 350*
4. National Park of the Serra da Capivara: 7 days USD 400*
5. Speleology and Archaeology in the Valley of the Peruaçu River: 6 days USD 600*
6. Bonito and the Pantanal of Mato Grosso do Sul: 6 days USD 520*
7. Cave Diving in Bonito and a Trip to the Pantanal: 6 days USD 400*
8. Caves of São Domingos: 6 days USD 500*
9. Caves and Karst of the Chapada Diamantina: 8 days USD 600*
10. Cave Diving in the Caves of the Chapada Diamantina: 8 days USD 800*
11. Quartzite Caves in Ibitipoca: 4 days USD 400*
12. Caves of Ibiapaba and the beaches of the Northeast: 6 days USD 520*
13. Caves in the Ribeira River Valley: 7 days USD 380*

Post-Congress Trips to Other Countries

1. Mayan Caves and Culture on the Yucatan Peninsula: 7 days USD 700*
2. Caves in the Andes in Argentina: 7 days USD 800*
3. Caves and Pyramids in Central Mexico: 5 days USD 700*
4. Guacharo Cave and the Tepuys of Venezuela: 7 days USD (not stated yet)

*Terrestrial part only, air tickets must be arranged by participants

Call for Papers

All contributions are welcome. Papers will be submitted to a committee of referees. Languages: English, French, Spanish, and Portuguese (no simultaneous translation provided)

Deadline for abstracts: January 15, 2001

Registration Fees (USD)

Date	Full	Partial*	Accompanying Person
Until June 30, 2000	160	100	80
Until December 30, 2000	200	140	110
Until May 30, 2001	220	160	130
After May 30, 2001	250	190	150

* Without Congress proceedings

Contacts

For latest news, registration forms, prices, general information, excursion details, and program update

Visit our site: <http://www.speleobrazil2001.org.br>

Questions, opinions, special requests, and sponsorship: e-mail: info@speleobrazil2001.org.br

Brazilian Speleological Society (SBE)

Organizing Committee of Speleo Brazil 2001

CECAV

Ed. Sede IBAMA-SAIN

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News from Member-Countries

Brazil

The Brazilian Speleological Society changed its office from Monte Sião to Brasilia D.F., the new address is as follows:

Sociedade Brasileira de Espeleologia

SEPN 513 Bloco A Ed. Bittar Sala 115

Caixa Postal 234

Brasilia DF, Brazil-70.359-970

Tel./Fax: +55-61-3234839

E-mail: sbe@sbe.com.br

Web: www.sbe.com.br

Edvard Dias Magalhães
The SBE President

Poland

20th SPELEOLOGICAL SCHOOL

Cieszyn-Liptovský Mikuláš, February 5 to 11, 2001

25 years ago, in winter conditions of Sudety Mts., SW Poland, began history of annual, multidisciplinary and international meetings on speleology and karstology – Speleological School. To continue the tradition and challenge the future Department of Geomorphology, Laboratory of Research and Documentation of Karst Environments the University of Silesia (Poland) invite to participation in 20th Speleological School. We invite karst experts, young researchers and students to contribute and discuss results of their research.

School will be held in days of February 5-11, 2001 in Conference Center of the University of Silesia in Cieszyn as well as excursion to the caves of Lower Tatras Mts. in Slovakia will be organized.

Topics and goals

We want to back to the roots of and prime idea of the school and give the possibility for full discussion on contemporary results in speleological and karst researches. We propose to focus the School to the three traditional, thematic sessions: geomorphology and hydrology of karst regions; karst in evaporitic rocks; glacier caves and related phenomena on glaciers. To promote discussion as a main tool of the School sessions participants will ask to prepare their contributions in form of posters. Several karst experts will be asked by organizers to present key lectures for the sessions.

Because of the School' jubilee and willing to help young researchers to find relation of their investigations to the karst science evolution the session dedicated to the history and terminology will be organized.

Traditionally, lectures and sessions will be organized before lunch. Afternoon is provided for discussions, meetings of working groups etc. In the evening presentations of videos, slides will be organized and will be time for reports from conferences and symposiums. Papers presented on the school will be published in "Kras i speleologia".

Technical informations

Accommodation with three meals provide in Conference Center of the University of Silesia in Cieszyn (ul. Bielska 62, 43-400 Cieszyn, tel. +48 33 520931-4). Total cost of stay in the center (night in 1 or 2 bed room and full board) will be approximately 25 USD per day - will be payed in the registration desk. Expenses of the excursion and detailed costs of stay in the Conference Center will included in next circular.

To book necessary rooms and to organize well the thematic sessions we are kindly asking you to confirm your participation by sending of fulfilled registration form and short abstracts of the proposed contributions as soon as possible, but not later than November 15th, 2000 (by e-mail best) to the following adress:

*Andrzej Tyc, Department of Geomorphology, University of Silesia, ul. Bedzinska 60, 41-200 Sosnowiec, Poland
e-mail: atyc@us.edu.pl, tel. +48 32 2917086 or +48 32 2918381 internal 289, fax. +48 32 2915865*

In December 2000 all the registered persons will receive the Circular No. 2 including details of program, excursion and accommodation.

Marian Pulina & Andrzej Tyc

Puerto Rico

I am pleased to inform you all, that I have been working very hard to protect close to 100,000 acres (27 % of the north karst region of Puerto Rico with hundredth of caves). Since Puerto Rico is a territory of the United States of North America, we presented several months ago a project to the US Forest Service and the US Fish & Wildlife (both conservation Agencies of the US Government) as well as the local Puerto Rico Department of Natural Resources for the protection of this 100,000 acres. They accepted our proposal and in a cooperative action prepared a bill for the US Congress. The bill which is known as the Puerto Rico Land and Water Conservation bill, was presented in the House of Representatives and has received the number: HR 4668. We are seeking all the support we can get. In the past convention of the NSS, Mrs. Jeanne Gurnee, past-President of the NSS and a long time friend of Puerto Rico's caves and karst made several presentations on our behalf and won significant support from those attending the convention. The Board of Governors of the NSS, voted to support the bill No. HR 4668. I would appreciate if the UIS can also support the bill No. HR 4668 and send a letter to Rep. Don Young, Chairman of the Natural Resources Committee of the House of Representatives. Also any National Federation or Speleo Group or personal letters are welcomed to send. Following is some information (cut and paste) from Mrs. Gurnee message to members of the NSS, which gives you an idea of the wording in the event the UIS, (or Federation, Group or person) decides to support the bill. If you require any additional information, please feel free to contact me. Also feel free to circulate this message to any one that you feel can help by writing to support our effort to save part of this karst region.

Abel Vale

Spain

Por la presente os comunicamos que la Asamblea General de la FEE, reunida el pasado día 17 de Junio, ha aprobado el cambio el domicilio social de esta Federación, pasando este a ser el siguiente:

FEDERACION ESPAÑOLA DE ESPELEOLOGIA

ESCUELA ESPAÑOLA DE ESPELEOLOGIA

C/Ayala nº 160 4º Dcha.

28009 MADRID

Tfno: 91.309.36.74

Nos podréis encontrar en este domicilio a partir del próximo día 1 de Julio. Hasta entonces, y durante el resto del mes de Junio, el domicilio a efectos administrativos seguirá siendo el habitual de Barcelona.

*Juan Carlos López Casas
Presidente de la FEE*

Switzerland

Group: Climatology of the Swiss Speleological Society was created. The aims are as follows:

- to extend the knowledge on cave climatology by theoretical and applied research and projects,
- to create or establish standards for the measurement of climatological data, especially in cave,
- to encourage cavers to make climatological measurements and observations during their caving -trips,

- to spread knowledge about cave climatology,
- to provide help for the analysis and interpretation of climatological data related to caves,
- to manage a widely accessible database of climatological data related to caves,
- to collect information, publications and references on cave climatology.

As the group has started just now, it is looking for any other existing group in the World dealing with cave climatology to establish the first contacts.

Miguel Borreguero
borreguero@bluewin.ch

Ukraine

A new deep cave in Arabika massif, West Caucasus

The multi-stage expedition of the Ukrainian Speleological Association, held during August-September, has pushed Voronja (Kruber) Cave to -1,410 m. Previously (during 80ties) the cave was explored to a narrow impassable meander at -340 m. Being located next to the 1,110 m deep Arabikskaja system (Kujbyshevskaja-Genrikhova Bezdna) and heading towards Kujbyshevskaja cave, Voronja was regarded as a part of the system, although not directly connected.

In 1999 the Ukr.S.A. expedition have re-inspected the cave and found two "windows" in the 60 m deep pit, one at -200 m and another at -240 m, both leading to new branches. The second branch led toward the Kujbyshevskaja Cave and has been explored to about -500 m, yet not provided direct connection. The first branch went in the depth steeply by a series of pits. Exploration was stopped at -750 m in 1999 due to the lack of equipment.

During the first stage of this year expedition held in August, exploration has continued to -1,200 m. At the second stage held in the first half of September, in which a French-Spanish MTDA team took part (also the Ukr.S.A. members), the cave has been pushed to the depth of 1,410m. The cave continues there in a narrow young meander although a large mature bypass with the major airflow was found on the return way of the very last party at some 70 m above the deepest reached point. The exploration has been ceased as the amount of available time was over.

Although Voronja cave is not directly connected yet with the Arabikskaja system, it is likely that the new deep branch is a trunk of the whole thing. The depth potential of the system is illustrated by the hydrologic connection, established by the dye test yet back in 1984, between Kujbyshevskaya Cave and the large Reproa spring located just on the Black Sea beach. The entrance of Voronja is located at about 2,230 m.

The next expedition to Voronja cave is scheduled for the winter period, January or February of the year 2001.

Yuri Kasjan, Sergio Garcia-Dils de la Vega, Alexander Klimchouk
Ukrainian Speleological Association

UNESCO World Heritage List

The **UIS Bulletin** was informed that two karst sites have big chance to be newly incorporated to the UNESCO World Heritage List during the UNESCO meeting at Cairns, Australia, November 2000:

The Gunung Mulu National Park, Malaysia

The Dobšinská Ice Cave, Slovakia.

New Caving Contacts

Mauritania

In Mauritania, there exists Association Mauritanienne de Spéléologie (A.M.S.) headed by Mr. Mohamed Lehbib Ould Cherif, the AMS President (E-mail: mlehbib@usa.net).

Tunisia

The caving activity in Tunisia was recovered from break, which started in 1994. There exists Club de Spéléologie en Tunisie headed by Mr. Tiouiri Mohamed (E-mail: speleoza@yahoo.com).

From Commissions and Working Groups

Summary of Activities of the Commission "Glacier Caves and Karst in Polar Regions"

** 17 Expeditions:

- 2 Spitsberben; 1998 and 2000; Czech Group and Polish Group
- 2 Gronland; 1997 and 1999; French Group; Inlandis from Ilulissat and from Sondrestromfjord.
- 1 Franz Josef Land; 1997; Russian Group.
- 4 Island; 1997, 1999 and 2000; 3 Kviarjökull and 1 Drangajökull; Spanish Group (97, 99, 00), Italian Group (97, 99).
- 3 Antarctica; 1997, 1998 Russian Group and 2000 Russian Group, Spanish Group and Grupo Italian Group.
- 3 Patagonia; 1997, 1998, Viedma, Italian Group; 2000 Tyndall and Zapata, Italian Group, Spanish Group, Argentinian Group, Chilean Group.
- 1 Alps; 1999 Gorner; Italian Group.
- 1 Bolivianian Andes; 1998, Chakaltaia; Spanish and Brasilian Group.

** Under preparation:

- Antarctica; Italian Group

** New Members Countries:

Chile and Uruguay

** Future new members countries:

Argentina and Brazil

*Adolfo Eraso Romero
Commission President*

Commission des Spéléo-Secours

E ce qui concerne la Commission des Spéléo-Secours, voici un petit rapport des deux années écoulées depuis le dernier Congrès de l'UIS:

- La liste des membres du Bureau de la Commission ainsi que des responsables de tous les organismes de Spéléo-Secours existant dans le monde a été mise sur Internet, de meme que différents autres renseignements (Regional Coordinators - Expedition Safety & Rescue -Documentation about Cave Rescue). C'est Efraim Mercado, coordonateur du Spéléo-Secours pour la FEALC, qui s'en est chargé; le site Internet est: <http://netdial.caribe.net/~emercado/Home.htm>
- Pour ma part, comme vous le constaterez, je dispose maintenant d'un e-mail: aslagmolen.uis@misc.irisnet.be
- En ce qui concerne la demande du Bureau de l'UIS d'établir une liste des grandes expéditions l'étranger (en vue de se porter mutuellement secours en cas d'accident), un autre membre de la Commission, Bruno Delprat s'en est chargé mais ce projet n'a rencontré aucun succes; en effet, les responsables des expéditions estiment qu'ils savent ou se trouvent les autres expéditions venant a la meme époque qu'eux dans le meme pays et qu'il est inutile d'en établir une liste, craignant des fuites sur leurs projets.
- La Commission désire se décentraliser et, dans ce but, nommer des coordonateurs régionaux; mais jusqu'a présent seule la FEALC (Amérique Latine et Caraïbes) a désigné son coordonateur: Efraim Mercado, comme signalé plus haut. Dans le Pacifique sud, notre Vice-Présidente Grace Matts a essayé de contacter l'Indonésien R. Ko afin de mettre quelque chose sur pied mais en vain; une Austalienne serait intéressée a effectuer ce travail mais lorsqu'elle aura terminé ses études, soit d'ici 2 ans. Je pense que Grace Matts désire soutenir cette action, étant elle aussi Australienne. Pour l'Europe, je crois que des coordonateurs régionaux ne sont pas nécessaire: la plupart des pays possédant une grande expérience spéléologique peuvent assumer seuls les secours et, si nécessaire, font appel aux spéléos-secouristes des pays voisins avec lesquels ils ont des contacts.
- La Commission continue a encourager les échanges d'expérience et les stages de formation au sauvetage spéléo:
 - . le Spéléo-Secours Français organise régulièrement des stages en France ou a l'étranger;
 - . l'Espeleo Socorro Espagnol fait de meme, notamment dans les pays d'Amérique Latine;
 - . idem pour la Fédération Bulgare de Spéléologie qui forme aux techniques spéléos et au secours les spéléologues des pays du sud-est de l'Europe;
 - . la branche porto-ricaine du National Cave Rescue Commission donne des cours aux autres pays de la FEALC.

*André SLAGMOLEN
Président de la CSS*

Commission on Volcanic Caves

The Commission President, Mr. Jean Paul van der Pas, edited three Newsletters: No. 25, January 2000, No. 26, April 2000, No. 27, May 2000, and No. 28, October 2000. Volumes of 8 to 24 pages contain principle information from the Commission life and activity, as well as regional reviews, information from individual countries, scientific reports of explorations and reports from events. Materials are available on the address of the President (see the UIS Bull. Vol. 44, 1998).

The expected next symposia of the Commission are planned to 2002 (Iceland, September; www.iceland2002.com) and in 2005 (Azores).

Commission on Pseudokarst

The Commission President, Mr. István Eszterhás, edited the Nachrichtenbrief Nr. 5, March 2000. It contains advertisements of scientific events, general report on pseudokarst in Poland and book review. The Nachrichtenbrief (Newsletter) is available on the address of the President (see the UIS Bull. Vol. 44, 1998).

Fédération Spéléologique de la Communauté Européenne

The FSCE started to publish *EuroSpeleo*, the FSCE Newsletter, with Number Zero, Trim. 1^o Quarter. The newsletter is published by Olivier Vidal and can be ordered at FSCE c/o FFS, 28 rue Delandine, F-69002 Lyon, Fax: +33-4-78421598, e-mail: lyon@ffspeleo.fr.

World Inventory of Caving Organizations

Argentina

Federación Argentina de Espeleología (F.A.E.)

Argentine Speleological Federation

Casilla de Correo N° 115

(8322) Cutral C°ó, Neuquén

Tel.: +54-299-4967473, Fax: +54-299-4962035

Web: www.petterson.com.ar/fae

4 regular members (club, institutes), 5 associated bodies, 2 informal bodies

Publications: Salamanca (ISSN 0327-0483)

Spelaion (ISSN 0327-3199)

Belgium

Fédération Nationale Belge de Spéléologie/Nationaal Speleologisch Verbond van België

National Union of Belgian Speleology

Av. De la Porte de Hal, 38/39

1060 Bruxelles

Tel./Fax: +32-2-5378865

E-mail: ubs@speleo.be

Founded: March 22, 1952

Union Belge de Spéléologie

93, rue Belvaux

B-4030 Liège-Grivegnée

Tel. : +32-2-3426142, Fax : +32-2-3421156

E-mail : ubs@speleo.be

Web : <http://www.speleo.be/ubs/>

Number of Clubs: 12

Number of Members: about 1,500

Publications: Regards (36 publ. nos. in January 2000 ; ISSN 0774-4617, quarterly)

UBS Info (133 publ. nos. in January 2000 ; 7 times per year)

Czech Republic

Česká speleologická společnost

Czech Speleological Society

Kališnická 4-6

130 00 Praha 3

Tel.: +420-2-83069234

E-mail: novotna@nature.cz

Web: <http://www.speleo.cz>

Date of foundation: December 12, 1978 (individual clubs had existed before, some of them since the beginning of the 20th Century)

Number of clubs: 66

Number of members: 1,100

Publications: Speleo (Praha), since 1990, 30 vols.

Knihovna České speleologické společnosti (Library of the Czech Speleological Society) since 1986,
32 vols.

Speleofórum, since 1981, 19 vols.

Hungary

Magyar Karszt- és Barlangkutató Társulat

Hungarian Speleological Society

H-1025 Budapest, Pusztaszeri út 35.

Tel.: +36-1-3460494, Tel./Fax: +36-1-3460495

E-mail: mkbt@mail.matav.hu

Date of foundation: 1958

Number of clubs: 42

Total number of members: 940

Publications: MKBT Tájékoztató (MKBT News) in every two months
Karszt és Barlang (last issue 1994/I-II, was published 1999)

Iceland

Icelandic Speleological Society

P.O. Box 342, 121 Reykjavík

Date of foundation: November 25, 1989

Number of clubs: the only club

Number of members: 65

Publications: SURTUR (since 1990, ISSN 1017-2742, 7 issues published)

Israel

Cave Research Section

Geography Department, The Hebrew University, Jerusalem, Israel 91905

Tel.: +972-2-9975541

Fax: +972-2-5820549

Web: <http://www.atar.mssc.huji.ac.il/~geo/CRC/CRC.html>

Publications: Niqrot Zurim (Journal of Israel Cave Research, 19 vols. Until 1997)

Luxembourg

Groupe Spéléologique Luxembourgeois (G.S.L.) asbl.

Speleological Group of Luxembourg

B.P. 55, L-8001 Strassen

Tel.: 352-435606

E-mail: speleo.lu@bigfoot.com

Web: <http://www.speleo.lu>

Date of foundation: 1959

Number of members: 65

Publication: VISO-La Vie Souterraine (2 times a year)

The Netherlands

Speleo Netherland

P.O. Box 19177

NL-2500 CA den Haag

E-mail: speleonl@xs4all.nl

Web: www.speleo.nl

Number of members: about 400

Periodicals: Pierk, quarterly, founded about 30 years ago

Slovenia

Jamarska Zveza Slovenije

Speleological Association of Slovenia

p.p. 2544, 1109 Ljubljana

Date of foundation: 1910

Number of Clubs: 40

Total number of cavers: 1,800

Publications: Naše jame, since 1959, once a year

The USA

National Speleological Society

2813 Cave Avenue

Huntsville, Alabama 35810-4413

Tel.: 256-8521300

Fax: 256-8519241

E-mail: nss@caves.org

Web: <http://www.caves.org>

Date of foundation: 1941

Number of clubs: about 200, 11 surveys, 14 regions

Number of members: 12,000

Publications: NSS News (monthly, ISSN 0227-7010)

Journal of Karst and Cave Studies (former NSS Bulletin, quarterly, ISSN 0146-9517)

Venezuela

In Venezuela there is no national federation, but in fact the "Sociedad Venezolana de Espeleologia" the oldest and more important has nation-wide activities and members. There are also other four groups of university students from different Universities, two in Caracas (Universidad Simon Bolivar and Universidad central de Venezuela), one in Eastern (Universidad de Oriente) and one in western Venezuela (Universidad de los Andes).

SOCIEDAD VENEZOLANA DE ESPELEOLOGIA

Speleological Society of Venezuela

Apartado 47334. Caracas 1041A. Venezuela

Telefax: +58-2-730.6436, +58-2-272.0724

E-mail: carlosb@usb.ve; rafaelcarreno@hotmail.com; urbani@cantv.net

Date of foundation with the previous name (Seccion de Espeleologia): 1952

Refoundation under the current name: 1967

Serial publications:

Formal scientific publication: "Boletin de la Sociedad Venezolana de Espeleologia (ISSN 0583-7731, Started in 1967, the last issue No. 33 is of December 1999)

Informal newsletter: "El Guacharo" (ISSN 0583-774X, Started in 1967, the last issue is No. 48 of December 1999)

The New IGCP Project No. 448

On February 2000 the 28th UNESCO/IUGS IGCP Scientific Board approved in Paris the IGCP No. 448: World Correlation on Karst Geology and its Relevant Ecosystems. The new project was initiated at Bowling Green, USA, in 1998 and represents the successor of the IGCP No. 399 finished in 1999. The principal information is available on: <http://www.gxnu.edu.cn/KDL>. Address: The Karst Dynamics Laboratory, 40 Qixing Road, Guilin, Guangxi 541004, P.R. China, tel.: +86-773-5834232, Fax: +86-773-5837845.

Yuan Daoxian

Addresses of Web Pages

Grupo Espeleológico Argentino (GEA)

Heredia 426, (C1427CNF) Buenos Aires, Argentina

te/fax: +54-11-4552-1617

E-mail: gea@mail.retina.ar, gredonte@hotmail.com

Web Site: www.pettersen.com.ar/gea/uisarg

Speleological Atlas of Serbia

Predrag Djurović, Geographical Institute Jovan Cvijić, Serbian Academy of Sciences and Arts, Belgrade, Yugoslavia

Web site: <http://www.sanu.ac.yu/atlas/main.htm>.

Polish Society of Friends of Nature

<http://free.ngo.pl/ptpnoz>

Book Reviews

Chabert Claude, Mansfield Ray, Strinati Pierre (2000): *Bibliographie Spéléologique de l'Irak*. – UIS Documents No. 1 : 36 pp, 2 fig. plates. UIS Au prés Madame Carle.

The achievement of the UIS Commission on Documentation resulted in the new series – the U.I.S. – Documents. The first number is devoted to bibliography of poorly known, but karstologically important land – Irak. There are listed totally 194 references dealing with different aspects of speleology and karstology in Irak, one reference of movie and 7 references of related topics. References are without abstracts, but some abstracts contain short explanation of site or object of interest (name of cave, name of animal, etc.). Congratulations to authors and collaborators (Bernard Lebreton and Roger Laurent).

Pavel Bosák

New Books Available

The KWI Conduit

The KWI Conduit is available at the Karst Waters Institute web site: <http://www.karstwaters.org/>. Info: Toby Dogwiler, Editor, University of Missouri-Columbia, Department of Geological Sciences, 101 Geological Sciences Building, Columbia, MO 65211, e-mail: conduit@karstwaters.org.

Wilkens H., Culver D., Humphreys B.: *Subterranean Ecosystems*. – *Ecosystems of the World*, 30. Elsevier Publ. Co.

Elsevier Science is about to publish a new book: "Subterranean Ecosystems", which will be volume 30 in the Ecosystems of the World Book Series. We recently contacted Peter Matthews to ask whether it would be possible for us to mail members of the International Union of Speleology with further information on this book, and he suggested that we contact you regarding possible inclusion in the "UIS Bulletin". The volume will provide unique in-depth coverage of the subterranean biome through 35 chapters written by experts in the field, which exemplify different aspects of research into subsurface ecosystems. "Subterranean Ecosystems" has been edited by Horst Wilkens, Universitaet Hamburg, Germany, David Culver, The American University, Washington DC, USA, and Bill Humphreys, Western Australian Museum, Perth, Australia. Further information about the book and a complete contents listing is available on the Elsevier Science website at: <http://www.elsevier.nl/locate/subterranean>

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International Journal of Speleology, Vol. 26 (3/4) 1997, Physical Speleology

Special Issue dedicated to Edouard-Alfred Martel

International Journal of Speleology, Vol. 27B (1/4) 1998, Physical Speleology

Vulcanospeleology, Edited by Paolo Forti. Proceedings of the 8th International Symposium on Vulcanospeleology, February 7-8, 1998, Nairobi, Kenya

Obituaries

Albert ANAVY (1910-1999)

Albert Anavy died on December 3, 1999 in Tucson, Arizona (USA) where he resided for a long time. He was born on February 28, 1910. In 1946 he was appointed as the Professor of physics and chemistry in the French Section of the International University of Beyrouth, Lebanon. Greatly interested in speleology, he explored the cave of Jita as a leader of a group of cavers from different countries. In a short time he became one of the pillars of the Lebanese speleology together with Lionel Gorra. In fact, Gorra was the first Lebanese caver (he started in 1940 within the Clan Lyautey associated with the Scouts of France), in 1951 he founded the Spéleo Club du Liban together with

Albert Anavy and Sami Karkabi. Since 1954, when Gorra left, Albert Anavy was always active, a true friend and a reliable counsellor who assured the further development of the Spéleo Club until 1975 when, he also retired and moved to the USA on account of the difficult situation in Lebanon. In the meantime the reputation of his activity and management qualities spread out outside the borders of Lebanon. Hereafter when in 1965 the Union Internationale de Spéléologie was founded in Ljubljana, Albert Anavy was elected General Secretary. In 1969, in Stuttgart, it was agreed an enlargement of the Board of UIS and Albert Anavy became one of the Adjoint Secretaries. He kept this position until 1977 when he withdrew and in 1981 was elected Honorary Member of UIS. His whole life can be summarized by his same words: "Speleology, teaching and my family have been my support and my good luck". Another great representative of the international speleology disappears and the whole group of the old cavers will never forget his amiability and the role he played for speleology both in Lebanon and within UIS. His friends, from any country of the world, join to express their sympathy to his Family and his Lebanese colleagues. A fund for the Albert Anavy Fellowship has been established at the College International, 850 Third Avenue, 18th Floor, New York, NY 10022 USA or at the B. Postal 11-0236, Beyrouth, Lebanon.

Arrigo A. Cigna

Note of Editor

Dear readers,

In last numbers of the UIS Bulletin I asked you kindly to fill attached questionnaire. The UIS Bulletin has been distributing to about 1,800 addresses. Only several of you filled the form and sent it back by snail mail or e-mail. The dominant number of recipients wants to obtain the UIS Bulletin both as a hard copy and in an electronic form by e-mail. From the review it resulted, that expected decrease of costs of the print cannot be achieved, I will distribute the UIS Bulletin by the land/air post and by e-mail to those persons who asked this way of obtaining.

Please excuse the delay in distribution of the UIS Bulletin, vols. 45/1999 and 46/2000. The delay was caused by the collapse of the database of addresses deposited in computer of the Czech Speleological Society. The database was the original made years ago by one of Czech cavers. Unfortunately the change of computer and software caused, that the original database had to be transformed to a readable form in a very complicated way, which took nearly three quarters of a year. Please, accept my deepest excuses for such substantial delay. This is also why you are obtaining two volumes together.

Pavel Bosák
UIS Bulletin *Editor-in-Chief*

SPELEOLOGICAL EVENTS IN 2001

For national events in the U.S.A. see, please, the Calendar in each number of the NSS News, the updated event calendar can be found on the UIS Speleo Calendar at <http://rubens.its.unimelb.edu.au/~pgm/uis/events.html>

I	20th Speleological School	2001 02.05. - 02.11.	Cieszyn, Poland and Lip-tovský Mikuláš, Slovakia	University of Silesia, Administration of Slovak Show Caves	Andrzej Tyc, Department of Geomorphology, University of Silesia, ul. Bedzinska 60, 41-200 Sosnowiec, Poland e-mail: atyc@us.edu.pl
N	Speleofórum 20	2001 04.06. - 04.08.	Rudice, Moravian Karst, Czech Republic	Czech Speleo.Soc.	Czech Speleological Society, Kališnická 4-6, 130 00 Praha 3, Czech Republic, e-mail: novotna@nature.cz
I	Middle-East Speleology 2001	2001 04.20. - 04.22.	Beirut, Lebanon	Spéléo Club du Liban	Spéléo Club du Liban, P.O.Box 70-923 Antelias, Lebanon, e-mail: sc_liban@hotmail.com
I	9th International Karstological School-Classical Karst, Contact Karst	2001 end of June	Postojna, Slovenia	Karst Res. Inst. SAZU	Karst Research Institute SAZU, Titov trg 2, 6230 Postojna, Slovenia, e-mail: IZRK@ZRC-SAZU.SI
I	13 th International Congress of Speleology + 4 th Speleological Congress of Latin America and Carribean Countries (CEALC) + 26 th Brazilian Speleological Congress (FEB) pre-Congres program Congress post-Congres program	2001 07.01. - 08.06. 07.01. - 07.14. 07.15. - 07.11. 07.23. - 08.06.	Brasilia, DF., Brazil	UIS + FBS	info@speleobrazil2001.com.br www.speleobrazil2001.com.br
I	Conference on Sustainable Development in Karst Regions	2001 08.24. - 08.27.	Beijing, P.R. China	The Geological Society of China	Mr. Wang Wei, Miss Wang Yanjun, The Geological Society of China, No. 26 Baiwanzhuang, Beijing 100037, China, T.: ++86-10-68311539, Fax: 0086-10-68311324, e-mail: cagsdic@public.bta.net.cn
I	7th Conference on Limestone Hydrology and Fissured Media	2001 09.20. - 09.22.	Besancon, France	University of Franche-Comte and University of Neuchatel	Pr. Jacques Mudry, EA Strain, Flow, Transfer, Faculty of Sciences, F-25030 Besancon Cedex, France, tel.: +33-3-81665753, Fax: +33-3-81665794, e-mail: jacques.mudry@univ-fcomte.fr
N-I	8 ^o Congreso Espanol de Espeleología	2001 10.12. - 10.14.	Alcalá de Henares, Madrid, Spain	FEE	Federación Madrilená de Espeleología, Estadio de la Comunidad de Madrid, Avda. de Arcentales s/n, E-28020 Madrid, Spain, t.: 91-3203702, fax: 91-3203734, e-mail: fmespeleo@mx3.redestb.es

*Note:*I-International event, R - Regional event, N - National event In the table, we mention only such events which are announced to the UIS Secretary General, the dead-line for acceptance for the print is **March 15** each year, except years in which the International Congress of Speleology is held (dead-line for winter and spring - February 15, dead-line for summer, autumn and winter - June 15)

IMPORTANT NOTE to all organizers of the speleological events. The use of the name and/or logo of the International Union of Speleology (UIS) in the title or subtitle of the event brings some duties:

- (1) the use of the name and/or logo have to be confirmed by some of the UIS Bureau members, and
- (2) the use of the name and/or logo is against the payment. According to the motion of the Assembly General of the 9th International Congress of Speleology, Bowling Green, USA, July 22, 1981, point 4, the payment per capita in the UIS events are set **at 5% of the event registration fee, with a minimum of 3 USD** (see UIS Bull., 22, 1/2, p. 28).

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All payments for the UIS should be directed to (bank transfer by the SWIFT is preferred):

Pavel Bosák, Jivenská 1066/7, Praha 4, Czech Republic

Bank account: Czech Saving Bank a.s., Budějovická 1912, Praha 4,

account No.: 004028-0272534233/0800, SWIFT: CSPOCZPP, Payment Code: 622

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ANNUAL CONTRIBUTIONS

The UIS General Assembly decided to rise annual contributions of the UIS member countries. Beginning with 1994, the annual contributions will be as follows:

Category A	300 USD
Category B	200 USD
Category C	50 USD

Each UIS member country has the free choice of the category in accordance with its own financial possibilities and with the number of speleologists or speleological societies/ associations/ federations/ clubs/ institutions

The UIS Bureau is authorized to reduce or to remit the contributions, if the UIS member-country makes a respectively written demand. If the UIS Bureau requires, the UIS member country has to give reasons for the difficulties of a payment.

The authorization of the UIS Bureau to reduce or remit the contributions confirms that the impossibility of a payment by actual political problems or difficulties will not be an argument to exclude any member country from the international collaboration within the structure of the UIS.

Older numbers of the UIS-Bulletin

The volume 38 of the UIS-Bulletin as well as earlier volumes are available on the request by the UIS Past-President Univ. Prof. Dr. Mag Hubert Trimmel (Draschestrasse 77, A-1230 Wien, Austria). The volumes 39 to 46 are available on the request by the UIS Secretary General Dr. Pavel Bosák (Vol. 43 was not distributed by mail!).

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Address: Prof. Ezio Burri, Editor Physical Speleology, Department of Environmental Sciences, University of L'Aquila, Via Vetoio-Loc. Coppito, I-67100 L'Aquila, Italy, t.: 0039-862-433222, f.: 0039-862-433205, e-mail:

burri@aquila.infn.it

Prof. Valerio Sbordoni, Editor Biospeleology, Department of Biologia, University of Roma "Tor Vergata", Via delle Ricercca Scientifica, I-00133 Roma, Italy, t.: 0039-6-72595951, fax: 0039-6-2026189, e-mail: sbordoni@utovrm.it

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