

WIPO



WIPO/GRTKF/IC/3/5

ORIGINAL:English

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WORLD INTELLECTUAL PROPERTY ORGANIZATION

GENEVA

**INTERGOVERNMENTAL COMMITTEE ON
INTELLECTUAL PROPERTY AND GENETIC RESOURCES,
TRADITIONAL KNOWLEDGE AND FOLKLORE**

Third Session

Geneva, June 13 to 21, 2002

INVENTORY OF TRADITIONAL KNOWLEDGE - RELATED PERIODICALS

prepared by the Secretariat

I. INTRODUCTION

1. At the first Session of the Intergovernmental Committee on Intellectual Property and Genetic Resources, Traditional Knowledge and Folklore (“the Committee”), held in Geneva from April 30 to May 3, 2001, the Committee expressed support for an examination of the ways in which traditional knowledge -related documentation that was *already* disclosed and available to the public ¹ maybe more effectively integrated into searchable prior art, in particular into classified, searchable sources of non -patent literature. ²

2. At the second Session of the Committee, held in Geneva from December 10 to 14, 2001, the Committee discussed a variety of possible activities that might encourage and facilitate such integration. ³ The Committee expressed particular support for the compilation of an inventory of *existing* traditional knowledge -related periodicals; that is, of journals, magazines, newsletters, gazettes etc. currently published at regular intervals that contain articles with descriptions of disclosed traditional knowledge of a sufficiently practical or technical level that they may be of relevance to a patent examiner carrying out a prior art search. The objective of the inventory would be to provide an initial focal point on documented, disclosed traditional knowledge for patent examiners and thereby to help to defeat any claim to novelty that may be made on this disclosed knowledge.

3. The Committee further agreed that, once an inventory of existing traditional knowledge -related periodicals had been compiled, it might recommend that certain of those periodicals be considered by the International Searching Authorities for integration, as non patent literature, into the minimum documentation list under the Patent Cooperation Treaty (PCT). ⁴

4. The Committee also noted that the compilation of such an inventory should not prejudice any discussions on the positive legal protection of traditional knowledge, for instance through a *suigeneris* system of traditional knowledge protection and that the work should take into account and complement the work of the Convention on Biological Diversity and of the World Trade Organization, on the basis of Article 19 of the Doha Ministerial Declaration.

5. The present document describes the steps that have been taken to compile an inventory of periodicals that publish disclosed traditional knowledge or related articles or information that may be of relevance to a patent examiner carrying out a prior art search, and considers the relationship of this activity with the work of the Task Force on Classification of Traditional Knowledge, part of the Committee of Experts of the Special Union for the International Patent

¹ For instance, in the field of Indian traditional medicine, there is a considerable body of existing *codified* systems of traditional medicine, which are distinct from *noncodified* orally transmitted systems of indigenous and tribal medicine. The *codified* systems include the Ayurvedic system of medicine, which is codified in 54 authoritative books on the Ayurvedic System, the Siddha system, as codified in 29 authoritative books, and the Unani Tibb tradition, as codified in 13 authoritative books: see page 59 of the Final Report of the Fact Finding Mission on Intellectual Property Needs and Expectations of Traditional Knowledge Holders carried out by WIPO in 1998 and 1999.

² See document WIPO/GRTKF/IC/1/3, paragraph 80.

³ See document entitled, “Progress Report on the Status of Traditional Knowledge as Prior Art” WIPO/GRTKF/IC/2/6.

⁴ See document WIPO/GRTKF/IC/2/16, paragraph 154.

Classification (IPC). It also makes certain suggestions on areas of further discussion and possible activities by the Intergovernmental Committee.

II. NON-EXHAUSTIVE INVENTORY OF DOCUMENTED TRADITIONAL KNOWLEDGE THAT HAS BEEN MADE AVAILABLE TO THE PUBLIC

6. Anon -exhaustive inventory of traditional knowledge -related periodicals has been prepared by the Secretariat of WIPO and is contained in Annex I to this document. The majority of periodicals cited in this inventory do not relate solely or specifically to traditional knowledge. Most of the periodicals cited do, however, publish articles which may examine or discuss specific aspects of traditional knowledge at a practical or technical level that may be useful to patent examiners when conducting prior art searches.

7. The inventory was compiled, in part, as a result of replies received to a "Request for References" that was sent by the Secretariat of WIPO to Committee participants, Indigenous Knowledge Resources Centers, National Libraries and Museums, and other counterparts with potentially useful information, such as participants in the Fact Finding Mission on Intellectual Property Needs and Expectations of Traditional Knowledge Holders carried out by WIPO in 1998 and 1999. In all, over 300 "Requests for References" were sent directly to a wide variety of governments, organizations, communities and individuals. In addition, the "Request for References" was disseminated through other Intergovernmental Organizations working in specific fields of traditional knowledge and with whom WIPO has cooperated in the past; for instance, it was posted on the website of the Secretariat for the Convention on Biological Diversity and distributed through a Biodiversity communication network maintained by UNEP.

8. A copy of the "Request for References" is at Annex II to this document. Information was especially requested and welcomed relating to periodicals compiled by, or with the prior informed consent of, indigenous and local communities.

9. The inventory at Annex I to this document focuses on traditional knowledge that, as at April 2002, has *already* been made available to the public by publication in written periodical(s), and that therefore may be eligible for consideration as part of a prior art search, including international searches by the International Search Authorities under the PCT⁵, as well as international -type searches by national and regional patent offices, such as the European Patent Office⁶, the Japanese Patent Office⁷ and the United States Patent and

⁵ Rule 33.1 of the Regulations Under the PCT provides the following definition of relevant prior art for the purposes of Article 15(2), PCT: "relevant prior art shall consist of everything which has been made available to the public anywhere in the world by means of written disclosure (including drawings and other illustrations) and which is capable of being of assistance in determining that the claimed invention is or is not new and that it does or does not involve an inventive step (i.e., that it is or is not obvious), provided that the making available to the public occurred prior to the international filing date".

⁶ The European Patent Convention (EPC) defines prior art as follows: "The state of the art shall be held to comprise everything made available to the public by means of a written or oral description, by use, or in any other way, before the filing of the European patent application": see EPC, Article 54(2).

⁷ Section 29 of the Japanese Patent Law (JPL) provides for absolute novelty as in the case of the EPC. This means that (i) inventions which were publicly known, (ii) inventions which were

Trademark Office,⁸ if they carry out such searches in the context of their own substantive examinations of national patent applications.

10. It should be noted that this inventory does not seek to disclose or to list reference to disclosures of traditional knowledge that have been recorded as part of ongoing traditional knowledge documentation initiatives⁹ but that have not been made available to the public and remains confidential to the traditional knowledge holder(s). WIPO has not accessed and does not wish to access, or to provide access to, such Traditional Knowledge.¹⁰

11. It should also be noted that an initial emphasis has been placed in the inventory on individual periodicals and bibliographic databases which publish traditional knowledge related to the use and exploitation of components of biological diversity.¹¹ In part, this initial emphasis reflects the enormous scope of existing traditional knowledge documentation; an inventory relating to all subject matters addressed by such documentation may take several years to compile and therefore, once the task had begun, a degree of prioritization was essential. However, it also reflects the fact that the greatest number of concerns regarding the recognition of disclosed traditional knowledge as prior art has arisen in the area of the use or exploitation of biological and genetic resources. Furthermore, by concentrating on this one area of traditional knowledge at this stage, the Committee can provide the most practical support to the current work program of the Secretariat of the Convention on Biological Diversity (CBD) and the WIPO Task Force on Classification of Traditional Knowledge, which has, to date, concentrated on the development of classification systems for traditional medicine.

12. WIPO recognizes that an inventory of this kind cannot fully encompass or reflect the scope and diversity of traditional knowledge or indeed the breadth of existing documentation

publicly worked, and (iii) inventions which were described in a distributed publication or made available to the public through telecommunication lines in Japan or elsewhere prior to the filing date or priority date constitute prior art.

⁸ Section 102 of the U.S. Patent Act does not state a general definition of the term "prior art," but establishes a statutory bar against the grant of a patent in certain specified conditions. Specifically, 35 United States Code (U.S.C.) Section 102(a), (b) and (f), concerning "Conditions of patentability; novelty and loss of right to patents," provides that, "A person shall be entitled to a patent unless (a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for patent, or (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of the application for patent in the United States".

⁹ For instance, the "NGO Gene Campaign" in India is currently working on the documentation of biodiversity and related Traditional Knowledge from a variety of Indian tribal populations.

¹⁰ There is a considerable amount of contemporary debate regarding the recording of oral Traditional Knowledge by Traditional Knowledge holders and their representatives and, in particular, the issue of how to ensure that the knowledge recorded is not released into the public domain and remains confidential to the Traditional Knowledge holder(s), unless otherwise agreed by the Traditional Knowledge holder(s). WIPO fully respects the confidentiality of such information and, in compiling the inventory at Annex 1, has only cited Traditional Knowledge related documentation that is already publicly available.

¹¹ For completeness sake, some examples of folklore-related periodicals have been included. In particular, Committee Participants may wish to note the entry relating to The CIOFF Index of Folklore Magazines, which contains information on more than 200 magazines on folklore from about 50 countries.

concerning traditional knowledge -related biological innovations and practices¹². However, it is hoped that this inventory may be a useful starting point in identifying one important segment of the range of traditional knowledge documentation which is *already* disclosed and available to the public and that it may be used to ensure that such existing documentation may be more effectively classified and integrated into searchable prior art.

13. Committee members are invited to provide guidance on how the inventory may be further utilized to improve the availability of disclosed traditional knowledge as prior art. For instance:

(a) Possible Activity 1: The Committee may wish to submit this document together with Annex I and Annex II to the Patent Cooperation Treaty's Committee for Technical Cooperation (PCT -CTC) for consideration by the International Search Authorities with a recommendation that certain periodicals listed in the Inventory of existing traditional knowledge-related Periodicals at Annex I be considered for integration by the International Search Authorities into the minimum documentation list under the PCT;

(b) Possible Activity 2: The Committee may wish to make the Inventory of Periodicals at Annex I available online at the WIPO website as an initial focal point on documented, disclosed traditional knowledge for use by patent examiners and other interested parties;

(c) Possible Activity 3: The Committee may wish to explore possible avenues by which patent -granting authorities might cooperate in sharing their resources, such as on-going classification and evaluation of traditional knowledge -related documentation, including books and monographs, and integrating those shared resources into existing in-house search collections.

III. TASK FORCE ON CLASSIFICATION OF TRADITIONAL KNOWLEDGE

14. Another challenge facing the integration of existing traditional knowledge -related documentation into prior art searches (over and above the lack of focal points for disclosed traditional knowledge documentation) is the current lack of an effective classification system for such documentation together with effective search tools for the retrieval of such information.

¹² In particular, the field of Traditional Medicine is extremely well documented, often in books and monographs, which are beyond the scope of this inventory. Consider, for instance, publications such as the World Health Organization's Monographs on Selected Medicinal Plants (3 volumes) (ISBN 9241545178); and Chapter 10 (Periodicals) of the Medicinal Plants Sourcebook (1996), published by the International Library Association in Switzerland (personal communication: Dr. John Parrotta, USDA Forest Service - Research and Development). See, also, the following websites:

- The Indigenous Plants Bibliography of Native Tech, Native American Technology and Art: <http://www.nativetech.org/plantgath/plantrefs.html>;
- Inventory of Books and Journals for the Study of Chinese Medicine, The Institute for Traditional Medicine: <http://www.itmonline.org/arts/refmaster.htm>;
- Vedams Books Ltd in New Delhi, India which has a large bibliography of books relevant to Medicinal Plants and Ethnobotany of India: <http://www.vedamsbooks.com/medicina.htm#>.

15. The issue of classification of traditional knowledge is currently being addressed by the WIPO Task Force on Classification of Traditional Knowledge, part of the Committee of Experts of the Special Union for the International Patent Classification (IPC). In the Final Report of the Thirty-first session of the IPCC Committee, held in Geneva from February 25 to March 1, 2002, the IPCC Committee agreed that the IPCC Committee of Experts and the Intergovernmental Committee should cooperate and make the following points:

(a) It expressed its appreciation of the work conducted by the Task Force on Classification of Traditional Knowledge and agreed with the conclusion of that Task Force that the most efficient way of developing classification tools for traditional knowledge would be their integration into the IPC;

(b) It noted that the IPC, representing the worldwide system for classifying patent information, could also be applied for classifying non-patent documentation, such as traditional knowledge documentation. However, only a few entries in the IPC were available for classifying this subject matter, and substantial revision of the Classification could be required in this regard, including creating a new subclass covering traditional knowledge subject matter;

(c) It instructed the Task Force to continue its work and to start preparation of an IPC revision proposal with regard to classification of traditional knowledge documentation. The Committee indicated that, in view of the urgency of the matter, it would be highly desirable if the revision results were made available for the next edition of the IPC and requested the Task Force to prepare a revision request and proposal for consideration at the IPC Revision Working Group by the end of 2002;

(d) The Committee also requested the Task Force to consider how the future revised IPC could be linked to traditional knowledge resource classifications which may be developed in various countries and how best to organize access to Traditional Knowledge documentation which was already in the public domain.

16. It is hoped that the "Non-Exhaustive Inventory of Traditional Knowledge-related Periodicals" at Annex I will inform the Task Force as to the wider range of documentation of disclosed traditional knowledge that is already available as searchable prior art and enable the Task Force to consider in more detail the classification of such documentation.

Possible Activity 4: The Committee may wish to recommend that this document together with Annex I and Annex II be submitted to the Task Force on Classification of Traditional Knowledge to be considered by that Task Force as part of its on-going investigation into the classification of traditional knowledge documentation in accordance with the International Patent Classification (IPC).

IV. POSSIBLE AREAS OF FURTHER DISCUSSION AND ACTIVITY BY THE COMMITTEE

17. Finally, WIPO wishes to draw the attention of Committee Participants to one particular issue that arose whilst compiling the inventory at Annex I to this document; namely, that save in a few exceptional circumstances,¹³ it is very difficult to ascertain whether the compilers or authors of traditional knowledge-related articles or information in the periodicals listed, or whether the publishers of those periodicals, have addressed any or all of the following issues:

- (a) Whether prior informed consent has been given by the original traditional knowledge holder(s) to publish or otherwise use that knowledge;
- (b) Whether there has been any agreement as to benefit-sharing with the originator(s) of that knowledge arising from the publication or other utilization of the knowledge;
- (c) Whether the traditional knowledge holder(s), under general principles of law (such as the unjust enrichment principle and the unclear hands doctrine) or under any applicable statute, have the right to oppose the publication and/or use of the knowledge or demand his/her/their share in the benefits derived from that publication and/or use;
- (d) Whether there are any customary laws that may attach to the use(s) that may be made of that knowledge after it has been disseminated beyond the originator(s) of that knowledge; or
- (e) Whether the intellectual property implications arising out of the publication of the traditional knowledge have been explained to and agreed by the originator(s) of that knowledge. For instance, is the traditional knowledge holder(s) aware that, as the law currently stands in most countries in the world, the publication of his, her or their knowledge, may not only prevent a third party from patenting an innovation based on knowledge, but may also result in the traditional knowledge holder(s) themselves losing any rights that they, she or they may have to patent an innovation derived from that knowledge?

18. Whilst from a strict intellectual property point of view, the fact of publication in a publicly available periodical may, in itself, be sufficient to provide evidence of prior art, there are clearly wider political, scientific, social, cultural and religious etc. issues under consideration here.

19. One very practical contribution that the Committee could make would be to consider addressing sub-clause 21(e) in more detail: namely, the intellectual property implications arising out of the recording of traditional knowledge. For instance, the Committee could consider the compilation and publication of an "Intellectual Property Documentation Toolkit for Traditional Knowledge Holders." Not only could this Toolkit inform and educate traditional knowledge holders and their representatives of the intellectual property implications of publication of traditional knowledge, and thereby enable any consent to such

¹³ For instance, The Honeybee Newsletter, published by The Society for Research and Initiatives for Sustainable Technologies and Institutions (SRISTI), where providers of information are asked to provide written prior informed consent prior to publication: personal communication Prof. Anil K. Gupta, President SRISTI, March 2002.

publication and dissemination to be “informed consent”, but the Toolkit could also place a particular, and very pertinent¹⁴, emphasis on the intellectual property implications of recording traditional knowledge (whether in a written format, by audio -tape or by video -tape) by traditional knowledge holders themselves.

Possible Activity 5: The Committee may wish to recommend the preparation of an Intellectual Property Documentation Toolkit for Traditional Knowledge Holders to address, *inter alia*, the intellectual property implications of the recording of traditional knowledge (whether in a written format, by audio -tape or by video -tape) and of any subsequent disclosure and dissemination of that traditional knowledge.

V. CONCLUSION

20. In recent years, patents for traditional knowledge -based inventions have been granted, and subsequently revoked, because the relevant traditional knowledge could not be discovered a priori art when the patent application was being examined. The compilation of the Inventory of traditional knowledge -related Periodicals at Annex I to this document is an

¹⁴ The Secretariat of WIPO explored the issue of the documentation of Traditional Knowledge as part of the Fact Finding Mission on Intellectual Property Needs and Expectations of Traditional Knowledge Holders (FFMs) carried out by WIPO in 1998 and 1999. Many Traditional Knowledge holders and stakeholders consulted stated a need for Traditional Knowledge documentation for a wider range of policy objectives, including the prevention of erosion and disappearance of traditions, the stimulation and promotion of innovation and creativity based upon traditional knowledge, the protection and conservation of cultural and biological diversity, the equitable sharing of benefits arising from its use, the protection of the dignity and moral rights of traditional innovators and creators and the prevention of unauthorized exploitation, misappropriation and distortion. These Traditional Knowledge holders and stakeholders were, however, troubled by two main issues: documentation of Traditional Knowledge might disclose information to those whom might make use of that information for their own personal gain, with no benefits being returned to the originator(s) of the knowledge and the lack of understanding at a community level of the intellectual property implications arising out of the documentation of Traditional Knowledge. See the Final Report of the Fact Finding Mission on Intellectual Property Needs and Expectations of Traditional Knowledge Holders.

important first step in providing a practical solution to the limited ability of patent examiners to access disclosed, publicly available traditional knowledge documentation when carrying out prior art search. The compilation of an “Intellectual Property Documentation Toolkit for Traditional Knowledge Holders” would be an additional valuable contribution to the ever increasing interface between Traditional Knowledge and Intellectual Property.

21. The Intergovernmental Committee is invited to take note of the foregoing report together with Annexes I and II and to adopt activities arising out of this report, in particular the five possible activities identified in paragraphs 13, 16, and 19 above.

[Annexes follow]

NON-EXHAUSTIVE INVENTORY OF TRADITIONAL KNOWLEDGE -RELATED
PERIODICALS

Key

- A Full Title.
- B Publisher's name & contact details.
- C Summary of content of publication.
- D Publication ISSN number.
- E Format of publication (paper, on-line, CD-ROM, microfilm etc).
- F Internet address, where appropriate.
- G Language(s) of publication.
- H Frequency of publication (weekly, monthly, annual etc).

The following references to periodicals¹⁵ are listed in alphabetical order. An initial emphasis has been placed on periodicals concerning traditional knowledge related to the use and exploitation of components of biological diversity. Bibliographic databases, which may contain references to relevant periodicals, have also been included. This inventory is non-exhaustive.

A

- A AGRICOLA (AGRICultural On Line Access).
- B The National Agricultural Library 10301 Baltimore Avenue, Beltsville, Maryland 20705 USA. Tel: (301) 504-5755.
- C AGRICOLA is a bibliographic database of citations to the agricultural literature created by the National Agricultural Library and its cooperators. The database covers materials in all formats (journal articles, monographs, theses, patents, software, audiovisual materials and technical reports) relating to all aspects of agriculture, for the period from 1970 to the present.
- D
- E On-line at <http://www.nal.usda.gov/ag98>
- F http://www.nalusda.gov/general_info/agricola/agricola.html
- G English.
- H

¹⁵ A periodical is a journal, magazine, newsletter, gazette etc. published at regular intervals.

- A AMED(AlliedandComplimentaryMedicineDatabase).
B TheBritishLibrary,96EustonRoad,London,NW12DB,UnitedKingdom.
Tel:44(0)2074127000,E -mail:bruce.madge@bl.uk.
C AMEDisauniquebibliographicdatabaseprodu cedbytheHealthCareInformation
ServiceoftheBritishLibraryforanyonewhoneedstomoreaboutalternativesto
conventionalmedicine.Topicscoveredinclude:Ayurvedicmedicine,Traditional
ChineseMedicine,Herbalismetc.Morethan103,600referen cestoarticlesfromaround
512journals.
D
E Paper;On -line;CD -ROM.
F <http://www.bl.uk/services/information/amed.html>
G English.
H
- A ActaPharmaceutica.
B SvjetlanaLuterotti.
C AjournaloftheCroatianandtheSlovenianPharmaceuticalSocieties.
D ISSN:13300075.
E Paper.
F
G Croatian,English.
H Quarterly
- A AlaskanNativeScienceCommissionNewsletter.
B AlaskaNativeScienceCommission,3211ProvidenceDrive,Anchorage,Alaska 99508.
C NewsletteroftheAlaskaNativeScienceCommission,whichwasestablishedoendorse
andsupportscientificresearchthatenhancesandperpetuatesAlaskaNativeculturesand
ensuretheprotectionofindigenousculturesandintellectualproperty.
D
E Paper;On -line.
F <http://www.nativescience.org/index.html>
G English.
H Biannual.
- A Amruth,TheMagazineonMedicinalPlants.
B TheEditorialOffice,MedplanConservatorySociety,No.8,1stFlo or,4thmain,MSH
Layout,AnandNagar,Bangalore,560024,India.E -mail:amruth@mcs.frlht.ernet.inor
editor@mcs.frlht.ernet.in
C Amruthfocusesontheconservationofmedicinalplantsandtheirrichculturalheritage.
D
E Paper.
F <http://www.frlht-india.org/amruth.htm>
G English.
H

- A Anthropology & Medicine.
 B Carfax Publishing Company, part of the Taylor & Francis Group. Founding Editor: Sushrut Jadhav, Centre for Medical Anthropology, University College London, United Kingdom. Tel: 44(0)2076799292, Fax: 44(0)2076799426.
 C An interdisciplinary journal which expands upon the growing theory and research linking anthropology with medicine. In addition to peer-reviewed papers, Anthropology & Medicine maintains a generous book reviews section.
 D ISSN: 1364-8470.
 E Paper; On-line.
 F
 G English
 H 3 issues per year.

- A Ayur Vijnana.
 B The International Trust for Traditional Medicine, Vijnana Niwas, Madhuban, Kalimpong 734301 West Bengal, India. E-mail: ittmk@hotmail.com or ittmk@vsnl.com.
 C Carries articles, reports, book reviews, interviews, etc., that are related to the traditional medical cultures of India and Tibet.
 D
 E Paper; On-line.
 F <http://www.kreisels.com/ittm/publications/AyurVijnana/index.htm>
 G English.
 H Occasionally.

B

- A BIOSIS (Biological Abstracts).
 B USA office: Two Commerce Square, 2001 Market Street, Suite 700, Philadelphia, PA 19103-7095 USA, Tel: 1-800-523-4806 (USA and Canada). Tel: 215-587-4800, Fax: 215-587-2016, E-mail: info@mail.biosis.org.
 C Bibliographic database. 1969 to present. Covers worldwide literature on all biomedical, biological and botanical topics, including conferences and patents. Over 360,000 new citations each year. Nearly 90% of citations include an abstract by the author. Almost 5.8 million archival records are available back to 1980.
 D
 E On-line.
 F http://www.biosis.org/products_services/ba.html
 G English
 H

- A Balgarsky folklor.
 B Institut du folklor, Ljubomir Mikov, 6, rue Académik Guéorgui Bontchev, Sofia 1113. Tél.: 35929793011; E-mail: bulfolk@ifolk.bas.bg.
 C Articles relating to all aspects of folklor.
 D ISSN: 0323-9861.
 E Paper.

- F <http://mail.ifolk.bas.bg/ifolk>; <http://www.bas.bg>
 G Bulgarian, with English abstracts.
 H Quarterly.
- A Biotechnology and Development Monitor.
 B The Network University, Wibautstraat 224 1097 DN Amsterdam, The Netherlands.
 Tel: 31 -20-5618163 ; Fax: 31 -20-5618164, E -mail: monitor@biotech-monitor.nl.
 C The Monitor analyses world-wide developments in biotechnology, and trade and technology related international regulation, in the context of its socio-economic implications for developing countries. The Monitor maintains a rigorously independent position and is not linked to any organization with vested interests in biotechnology.
 D ISSN: 0924 -9877.
 E Paper; On-line.
 F www.biotech-monitor.nl
 G English. Integral translations into Spanish and French are planned.
 H Quarterly.
- A Bulletin of Indian Institute of History of Medicine.
 B Central Council for Research in Ayurveda and Siddha, Ministry of Health and Family Welfare, Govt. of India.
 C Devoted to manuscripts, translation of extracts from classics, original articles pertaining to the various aspects of medicine in India and notes on archaeological, epigraphical and historical sources of materials. Also includes news and notes on medico-historical activities in India and abroad.
 D
 E Paper.
 F http://ccras.org/publication/bulletinofIndian_periodical.htm
 G English, Hindi.
 H Biannual.
- A Bulletin of Medico-Ethno Botanical Research.
 B Central Council for Research in Ayurveda and Siddha, Ministry of Health and Family Welfare, Govt. of India.
 C Devoted to examining the correlation between ancient insight and thoughts with modern scientific lines. Subjects covered include: folk claims, survey, pharmacognosy, phytochemistry etc. on herbals.
 D
 E Paper
 F http://ccras.org/publication/bulletinofmedico_periodical.htm
 G English, Hindi.
 H Quarterly.

C

- A CABHEALTH Database.
B United Kingdom Office: CAB Publishing, CAB International, Wallingford,
Oxfordshire, OX10 8DE, United Kingdom. Tel: 44 1491 832111, Fax: 44 1491
829292, E-mail: orders@cabi.org.
C CABHEALTH® is a database specializing in human nutrition, parasitic, communicable
and tropical diseases and medicinal plants. It provides a free access to abstracts of the world's
research literature from 1973 to present with coverage of English and foreign language
journals, books, research reports, patents and standards, dissertations, conference
proceedings, annual reports, developing country information and other difficult to
obtain literature. The database contains over 860,000 records with 45,000 records
added annually.
- D
E On-line.
F <http://www.cabi-publishing.org/Products/Database/Health/Index.asp>
G English.
H
- A CBMDisc.
B Institute of Medical Information, China Academy of Medical Sciences.
C Biomedical Literature. Contains about 2,000,000 records. The source material for the
database is drawn from 1,000 of biomedical journals published in China and academy
conferences since 1979.
- D
E CD-ROM.
F <http://www.imicams.ac.cn/>
G
H
- A CIKARD International Documentation Abstracts.
B CIKARD, 318 Curtiss Hall, Iowa State University, Ames, Iowa 50011, USA.
Tel: 1-515-294-0938, Fax: 1-515-294-6058.
C One of the major purposes of the Center for Indigenous Knowledge for Agriculture and
Rural Development (CIKARD) is to identify, organize, and manage the literature and all
appropriate ethnographic descriptions relating to indigenous knowledge for agricultural
and rural development. At present, the Center holds a significant number of the key
papers and reports on this area of specialization.
- D
E Paper. Plan to make this database available on-line via Columbia University's Center
for International Earth Science Information Network (CIESIN) are underway. In the
meantime, requests for materials should be made to CIKARD.
F <http://www.ciesin.org/IC/cikard/docunit.html>
G English.
H

- A CIOFF Index of Folklore Magazines.
 B CIOFF, UNESCO House, 1, rue Miollis, France -75732 Paris Cedex 15.
 Tel: 33 -1-45682553, Fax: 33 -1-43068798.
 C CIOFF, the International Council of Organizations for Folklore Festivals and Folk Art, is an international non-governmental organization (NGO) in formal consultative relations with UNESCO. Created in 1970, the duty of CIOFF is safeguarding, promotion and diffusion of traditional culture and folklore. CIOFF members (National Sections) are present in more than 75 countries on all continents. The Index contains information on more than 200 magazines on folklore from about 50 countries.
- D
 E Paper; The index will shortly be published on-line.
 F <http://www.cioff.org/>
 G Arabic, Chinese, English, French, German, Russian, and Spanish.
 H
- A COMPAS Newsletter for Endogenous Development.
 B ETC Netherlands, P.O. Box 64, 3830 ABLEUSDEN, The Netherlands.
 Tel: 313343 26000, Fax: 31334940791, E-mail: office@etcnl.nl.
 C COMPAS (Comparing and Supporting Endogenous Development) is an international program providing support to local organizations, which are enhancing biological and cultural diversity and sustainable management of natural resources by building on Indigenous Knowledge Systems and local leadership. The COMPAS Newsletter contains case studies, practical examples, literature overviews and websites on indigenous knowledge. COMPAS presently works with 14 partner organizations in 10 countries and is implemented by ETCE coculture, The Netherlands.
- D
 E Paper; On-line.
 F http://www.etcint.org/compas_news1.htm
 G English.
 H Biannual.
- A CURARE.
 B Dr. Judith Schuler, chief editor of journal curare, Marienplatz 5, D-83512 Wasserburg am Inn, Germany. Tel: 49 -8071-51580, Fax: 49 -8071-40185, E-mail: curare@ag-ethnomedizin.de.
 C Curare is the Journal of the Society for Ethnomedicine (AGEM). It is a forum for exchange and discussion for the growing number of all those interested in traditional medical systems, medical anthropology, medical development aid, health policies and planning, and related issues all over the world.
- D
 E Paper.
 F http://www.ag-ethnomedizin.de/e_curare.html
 G English, German.
 H Biannual.
- A Český Lid - Časopis Pro Etnologická Studia (Czech folk Periodical for Ethnological Studies).

- B Etнологický ústav AV ČR – Academia, Na Florenci 3, 11000 Praha 1.
Tel: 0222828610.
- C
- D ISSN: 00090794.
- E Paper.
- F
- G Czech.
- H Quarterly.
-
- A Chemical Abstracts.
- B Chemical Abstracts Service, 2540 Olentangy River Road, P.O. Box 3012, Columbus, Ohio 43210, U.S.A.. Tel: 1 -614-447-3600, Fax: 1 -614-447-3713, Email: help@cas.org.
- C Bibliographic database. 1907 to present. Covers journals, patents, conference s, technical reports, books, and dissertations. Specific subjects include chemistry, medicine, pharmaceuticals, agriculture, plant science, food science, natural products and botanicals, biochemistry, chemical and genetic engineering, and nutrition.
- D
- E On-line.
- F <http://www.cas.org/>
- G English
- F
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- A Chinese Journal of Integrated Traditional and Western Medicine.
- B Published by the Chinese Association of the Integration of Traditional and Western Medicines and China Academy of Traditional Chinese Medicine Beijing, China. Editorial office: 18 Beixincang, Dongxhimennei, Beijing 100700, People's Republic of China Beijing, China.
- C A journal of Integrated Chinese Traditional and Western Medicine.
- D ISSN: 1006-6497; CN 11-3690/R.
- E Paper.
- F
- G Chinese, English, Japanese, Korean.
- H Quarterly
-
- A Chinese Medical Current Contents.
- B Medical Library of the Chinese Peoples' Liberation Army.
- C Chinese Biomedicine Journal Articles. Contains more than 1,300,000 references that drawn from over 1,100 kinds of Chinese biomedical journals published in China since 1994. Contains the following fields: Chinese title, English title, author, address, derivation, keyword, abstract, reference. Contains more than 1,300,000 references.
- D
- E CD-ROM
- F
- G
- H

D

- A Domodomo Journal.
- B The Friends of the Fiji Museum, c/o - Fiji Museum, PO Box 2023, Govt. Bldgs, Suva, Fiji. Contact Director, Ms Sagale Buadromoor Publications Officer, Stephanie Hornett. Email: fijimuseum@is.com.fj.
- C The Fiji Museum publishes a journal containing articles on Pacific prehistory, history, traditional culture and natural history. The Editorial team is made up of museum staff, authorities on Fiji's history and geography from, among others, the University of the South Pacific and the Institute of Fijian Language and Culture.
- D
- E Paper.
- F <http://www.fijimuseum.org/fj/fijimuseum.htm>
- G English.
- H Biannual.

E

- A EMBASE.com.
- B Elsevier Science, Secondary Publishing Division, 650 Avenue of the Americas, New York, NY 10011. Tel: 1(800)457 -3633 (toll -free); 1(212)633 -3980; Fax: 1(212) 633-3975, E -mail: help@embase.com.
- C EMBASE.com contains the entire EMBASE database (bibliographic database of the world's biomedical and drug literature) plus unique MEDLINE records back to 1966. More than 13 million records.
- D
- E On-line
- F <http://www.embase.com/>
- G English.
- H
- A Les Echos de COTA (The Echos of COTA).
- B COTA (Le Collectif d'échanges pour la Technologie Appropriée), 7, rue de la Révolution, B -1000 Bruxelles, Belgique. Tel: 3222181896, Fax: 32 -2-2231495, Contactez Stéphane Boulch, E -mail: stephane.boulch@cota.be.
- C COTA is an educationally focused NGO which specializes in participatory, local development issues such as water and sewerage management systems, renewable energy systems and alternative systems of agriculture. The purpose of The Echos of COTA is to share information regarding the potential for using a lternative technology in the developing world.
- D ISSN: 07735510.
- E Paper.
- F <http://www.cota.be/index1.html>
- G French.
- H Quarterly.

- A Economic Botany Bibliographic Database.
 B Center for Economic Botany, Royal Botanic Gardens, Kew, Richmond, Surrey, TW9 3AE, United Kingdom. Fax: 44(0)2083325768, E-mail: ceb-enq@rbgkew.org.uk.
 C This database contains over 160,000 literature references covering the uses of plants from around the world (excluding major crop species) and is searchable by species, vernacular names, geographical area, uses and/or properties.
 D
 E Paper. At present, it offers a search facility by Fax: 44(0)2083325768 or by e-mail: ceb-enq@rbgkew.org.uk. EBBD will be available as an on-line free resource towards the end of 2003.
 F <http://www.kew.org/data/ecbot-biblio.html>
 G English.
 H
- A Economic Botany, Journal of the Society of Economic Botany.
 B The New York Botanical Garden Press, Bronx, New York 10458-5126.
 C The Society of Economic Botany is an international scientific organization fostering and encouraging scientific research and education on the past, present, and future uses of plants.
 D ISSN: 0013-0001.
 E Paper; On-line.
 F <http://www.econbot.org/home.html>
 G English.
 H Quarterly.
- A Életmód Magazine.
 B Magyar Természetgyógyász Szövetség, 8200 Veszprém, Budapestu. 8, Hungary.
 C Natural healing, holistic medicine.
 D
 E Paper.
 F
 G Hungarian.
 H Quarterly.
- A Eleusis.
 B Eleusis, c/o Museo Civico di Rovereto, Largo S. Caterina, 43, 38068 Rovereto Tn, Italy. Fax: 390542678278, E-mail: eleusis@telesterion.it.
 C The periodical, Eleusis, aims to provide a forum for the collection and dissemination of information on the relationship between humankind and psychoactive plants and compounds, considered both from the traditional and scientific perspectives.
 D ISSN: 1129-7301.
 E Paper.
 F <http://www.eleusis.ws/>
 G English, Italian.
 H Biannual.

- A Ethnobotany: Journal of Society of Ethnobotanists.
 B Society of Ethnobotanists, Botany Division, Central Drug Research Institute, Lucknow-226001 or Herbarium Division, National Botanical Research Institute, Lucknow-226001, India. Tel: 91522271031, Fax: 91522282849, Telex 0535 -315.
 C The Journal of the Society of Ethnobotanists, Lucknow, India.
 D
 E Paper.
 F
 G English, Hindi.
 H
- A Ethnobotanical Leaflets.
 B Southern Illinois University Carbondale.
 C A source of information on economic plants.
 D
 E Paper; On-line.
 F <http://www.siu.edu/~ebl/>
 G English.
 H Several times a year (irregular).
- A Ethnopharmacologia (Bulletin of the French Society of Ethnopharmacology and of the European Society of Ethnopharmacology).
 B Rédaction, Ethnopharmacologia, Société Française d'Ethnopharmacologie, Cloître des Récollets, 1, rue des Récollets, 57000 Metz, France. Tel/Fax: 33(0)387748889, E-mail: sfe-see@wanadoo.fr.
 C Ethnopharmacologia is an academic journal established to promote the study of Ethnopharmacology through the publication of review papers, research articles, short communications, discussions and critical notes, reviews of books.
 D ISSN: 1261 -4572.
 E Paper.
 F <http://perso.wanadoo.fr/sfe-see/en/newsletter.html>
 G French.
 H Biannual.
- A The European Phytojournal.
 B The Centre for Complementary Health Studies, University of Exeter, United Kingdom. E-mail: secretariat@escop.com.
 C This journal is provided free on the internet for information of phytomedicines and herbal medicinal products in Europe. It is the official newsletter of the European Scientific Cooperative on Phytotherapy (ESCOP).
 D
 E On-line.
 F <http://www.escop.com/register.htm>
 G English.
 H

H

- A Hamdard Medicus.
 B Published by: Bait al -Hikmah at Madinat al -Hikmah, Shara -e-Madinat al -Hikmah, Karachi 74700, Pakistan.
 C A quarterly journal of Science and Medicine.
 D ISSN: 02507188.
 E Paper.
 F
 G English.
 H Quarterly

- A Herbal Remedies.
 B Published in the Russian Federation. Tel: (8312) 775810.
 C Natural cures for ailments. Herbal remedies. Practical advice for readers, healers, gardeners, and others. Valuable recommendations for those for like collecting medicinal plants.
 D ISSN: 41557.
 E Paper.
 F
 G Russian.
 H Bimonthly.

- A Honeybee.
 B SRISTI Innovations, B/2, Srtkishna Apartments, Near Lad Society, Vastrapur, Ahmedabad 38 0015 Editor Anil K Gupta.
 C The Society for Research and Initiatives for Sustainable Technologies and Institutions (SRISTI) is a non -governmental organisation which was set up in 1993 to strengthen the capacity of grassroots inventors, innovators and entrepreneurs engaged in conserving biodiversity and developing eco -friendly solutions to local problems. Honeybee is a newsletter published by SRISTI as part of this process to encourage the sharing of this capacity.
 D ISSN: 09716624.
 E Paper; On -line.
 F <http://www.sristi.org/honeybee.html>
 G English, Dzongka, Tamil, Hindi, Gujarati, Telugu, Kannada.
 H Quarterly.

I

- A ILEIA DOC.
 B ETC Netherlands, P.O. Box 64, 3830 ABLEUSDEN, The Netherlands.
 Phone: 31334 326000, Fax: 31334940791, E -mail: office@etcnl.nl
 C The Center for Research and Information on Low External Input and Sustainable Agriculture (ILEIA) operates a library and maintains an electronic database of ILEIA's documents. There is a strong emphasis on grey literature, not easily retrievable elsewhere. ILEIA encourages authors from the South to produce articles. Areas covered

include: small -scale farming, traditional farming, indigenous agricultural knowledge, farmer experimentation, experiences of small scale information centers on agriculture.

D
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H

<http://www.ileia.org/2/ileiadoc.html>

WebSite in Dutch and English. Allows for searches in the specific language of the publication.

- A INMEDPLAN.
B Foundation for Revitalisation of Local Health Traditions, No. 50, 2nd Stage, 3rd Main, M.S.H. Layout, Anand Nagar, Bangalore 560024. Contact Mr. Ravi Chander. Tel: (080) 3336909, Fax: 91803334167, E-mail: inmed@frlht.ernet.in.
C The Foundation for Revitalisation of Local Health Traditions was formed to document, save and encourage the continued usage of India's rich ethnobotanical tradition. The Foundation also acts as the Network Secretariat for the database, Inmedplan, which is a network of nine main agencies spread across India, collecting information in botany, ecology, phytochemistry, pharmacology, pharmacognosy, ethnomedicine, bibliography and abstracts, agrotechnology and traditional systems of medicine.

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http://www.rosenthal.hs.columbia.edu/databases/TradMed_INMEDPLAN.html

English.

- A ILEIA Newsletter.
B ETCNetherlands, P.O. Box 64, 3830 ABLEUSDEN, The Netherlands, Tel: 313 34326000, Fax: 31334940791, E-mail: office@etcnl.nl.
C The Center for Research and Information on Low External Input and Sustainable Agriculture works with local farmers to build on local knowledge and traditional technologies and identify promising technologies. Information about these technologies is exchanged through the ILEIA Newsletter.

D
E
F
G
H

Paper; On-line.

<http://www.oneworld.org/ileia/newslett.htm>

English, Spanish.

Quarterly.

- A Indian Journal of Traditional Knowledge.
B Mr VK Gupta, National Institute of Science Communication, Dr KS Krishan Marg, New Delhi, 110012. Tel: 91115746024, Fax: 91115787062, E-mail: niscom@sirnetd.ernet.in.
C The journal is devoted to all aspects of traditional knowledge, particularly to traditional health care systems like Ayurveda, Siddha, Unani, Yoga, Naturopathy and Homeopathy as well as to traditional practices in Agriculture, Architecture, Metallurgy etc..
D ISSN: 09725938.
E Paper.

- F <http://www.niscom.nic.in/>
 G English.
 H Quarterly, starting March 2002.
- A Indigenous Knowledge and Development Monitor (IKDM).
 B Nuffic-CIRAN, P.O. Box 29777, 2502 LT The Hague, The Netherlands.
 Tel: 31 -70-4260324, Fax: 31 -70-4260329/4260399.
 E-mail: ikdm@nuffic.nl.
 C The IKDM promotes the dissemination of local knowledge as a service to the international development community and all scientists who share a professional interest in indigenous knowledge systems and practices.
 D ISSN: 09281460.
 E Paper; On-line.
 F <http://www.nuffic.nl/ciran/ikdm>
 G English.
 H Three times a year. Final publication: November 2001.
- A Indigenous Knowledge Notes.
 B Knowledge and Learning Center, Africa Region, World Bank, 1818 H Street, N.W., Room J5 -055, Washington DC, USA 20433.
 C IKNotes reports periodically on indigenous knowledge initiatives in Sub-Saharan Africa.
 D On-line.
 E On-line.
 F <http://www.worldbank.org/afr/ik/iknotes.htm>
 G English, French.
 H Periodically.
- A Indigenous Knowledge Worldwide (IKWW).
 B Nuffic, P.O. Box 29777, 2502 LT The Hague, the Netherlands.
 Tel: 31 -70-4260324, Fax: 31 -70-4260329/4260399, E-mail: IKWW@nuffic.nl.
 C A newsletter containing short items about courses on Indigenous Knowledge, news from the field, research, book reviews, calls and conferences, organizations and networks.
 D ISSN: 15700291.
 E Paper; On-line.
 F <http://www.nuffic.nl/ik-pages/ikww>
 G English.
 H 10 times a year, starting January 2002.

J

- A JICST-Eplus.
 B Japan Science and Technology Corporation (JST), Information Center for Science and Technology (JICST), 5-3, Yonbancho, Chiyoda-ku, Tokyo, 102, Japan.

Tel:81352148413,Fax:81352148410.

- C JICST-Eplus,JapaneseScience&Technologyisacomprehensivebibliographic databasecoveringliteraturepublishedinJapanfromallfieldsofscience,technology, andmedicine. Morethan4,381,935citations.
- D
- E
- F
- G Japanese,English.
- H
- A JMAPS -JournalofMedicinalandAromaticPlantSciences.
- B JournalofMedicinalandAromaticPlants(JMAPS),CentralInstituteofMedicinaland AromaticPlants,NearKukrailPicnicSport Raod,P.O.CIMAP,Lucknow226015, India.Fax:91 -522-342666,E -mail:jmaps@cimap.org.
- C JMAPSispublishingpaperscontributingtotheknowledge,understandingandprogres ofvariousscientificdisciplines,includingagriculture,biochemistry,biotechn ology, botany,chemistry,genetics,molecularbiology,physiology,pathology,pharmacognosy, plantbreeding,pharmacology,materialprocessingtechnology,materialprocessing technologyandothersasrelatedtomedicinalplantsandothernaturalproductpl ants.
- D
- E Paper.
- F <http://www.cimap.org/jmap.html>
- G English.
- H Quarterly.
- A JournalofChineseMedicine.
- B JournalofChineseMedicine,22CromwellRoad,Hove,Sussex,BN33EB,England. Fax:44(0)127374 8588,E -mail:info@jcm.co.uk.
- C DedicatedtoprofessionalandstudentlevelinformationontheentirefieldofChinese medicineforover20years.
- D
- E Paper.
- F <http://www.jcm.co.uk/>
- G English.
- H
- A JournalofResea rchinAyurveda&Siddha
- B CentralCouncilforResearchinAyurvedaandSiddha,MinistryofHealthandFamily Welfare,Govt.ofIndia.
- C AJournalontheworkcarriedoutoffundamental,anthropologicalandbehavioural detailsreferredtoinmedicinalsyst ems,criticalandliterarystudies,observationsand interpretationsenamatingtheclinicalresearchinallitsfacets,divisionsanddimensions.
- D
- E Paper.
- F http://ccras.org/publication/journal_periodical.htm
- G English,Hindi.
- H Quarterly.

- A Journal of Traditional Medicines.
B The Medical and Pharmaceutical Society of Wakan -Yaku (*Wakan-Iyaku-gakkai*), 2630 Sugitani, Toyama 930 -0194, Japan. Tel: 81764347635, Fax: 81764345062.
C A journal produced by Wakan -Yaku who carry out scientific investigations in traditional medicine, modern medicine and pharmacology.
D ISSN: 13206302.
E Paper.
F
G
H Bimonthly.

- A Journal of Traditional Chinese Medicine.
B. Jointly Sponsored by China Association of Traditional Chinese Medicine and Pharmacy, and China Academy of Traditional Chinese Medicine. Editorial Office: 18 Beixincang, Dongzhimen Nei, Beijing 100700 China. Tel: (8610) 64058131, Fax: (8610) 64058131.
C The Journal contains timely analyses and reports on new policies, trends, progresses, achievements, inventions, technologies, therapies, as well as new thoughts, and market opportunities in the field of traditional Chinese medicine.
D ISSN: 02546272; CN 112167/R.
E Paper.
F <http://www.cintcm.ac.cn/index-e.html>
G English, Chinese.
H Monthly.

- A The Journal of Ethnobiology.
B University of Pennsylvania Museum (MASCA) 33rd and Spruce Streets Philadelphia, PA 19104 -6324.
C The Journal of Ethnobiology publishes articles based on original research in any area (ethnobotany, ethnozoology) including, but not limited to: folk biological classification and nomenclature, traditional environmental knowledge, ethnoecology, indigenous natural resource management, plant and animal domestication, zooarchaeology, archaeological botany, medical and nutritional ethnobiology, and the roles of plants and animals in the intellectual, aesthetic, and spiritual lives of the world's peoples.
D
E Paper.
F <http://ethnobiology.org/journal/>
G English.
H Biannual.

- A Journal of Ethnopharmacology.
B Elsevier Science Direct.
C An interdisciplinary journal devoted to indigenous drugs. The Official Journal of the International Society of Ethnopharmacology.

- D ISSN:03788741.
 E Paper;On -line.
 F <http://www.elsevier.com/locate/jethpharm>
 G English.
 H Monthly.
- A Journal of Ginseng Research.
 B The Korean Society of Ginseng, #804 Seocho World Office tel 1355 -3 Seocho -dong, Seocho-gu, Seoul, 137 -070, Republic of Korea. Tel: 82234738772.
 C Research paper on components, biological activities, cultivation methods and novel preparations of Ginseng.
 D ISSN: 122 68453.
 E Paper.
 F <http://www.ginsengsociety.org> (The Korean Society of Ginseng).
 G English, Korean.
 H Quarterly.

K

- A The Korean Journal of Herbology.
 B The Korea Association of Herbology, College of Oriental Medicine, Wonkwang University 344 -2, Sinyong -dong, Iksan, Jeonbuk, 570 -180, Republic of Korea. Tel: 82 -63-850-6844.
 C Research paper on the oriental medicines, including origin, components, activities and clinical studies of herbal medicines.
 D ISSN: 12291765.
 E Paper.
 F <http://www.herbology.or.kr> (The Korea Association of Herbology).
 G Korean.
 H Biannual.
- A The Korean Journal of Pharmacognosy.
 B The Korean Society of Pharmacognosy, College of Pharmacy, Chungnam National University, 220, Kung -dong, Yusung -ku, Daejeon, 305 -764, Republic of Korea. Tel: 82428215925
 C Research paper on pharmacognosy and related scientific areas including the origin, components and pharmacological activities of herbal medicines.
 D ISSN: 02533073.
 E Paper.
 F <http://www.ksp.seoul.kr> (The Korean Society of Pharmacognosy)
 G Korean.
 H Quarterly.

M

- A MAPA (Medicinal and Aromatic Plants Abstracts).
B The Head, Technical Information Services Division, National Institute of Science Communication (NISCOM), New Delhi 110012, India. Tel: 091115786301 -7, Fax: 091115787062.
C An abstracting journal covering global current literature on all aspects of medicinal, aromatic and allied plants. It is produced by scanning, selecting and abstracting relevant papers from about 600 primary journals published from about 65 countries and in 25 languages, research reports, conference proceedings and patents. Each of the 700 or so abstracts selected for every issue contains names of author(s), their affiliation, title of the paper, bibliographical details, article language, number of references and an informative abstract. Each issue and volume of MAPA is supported by a keyword index.
D ISSN: 02504367.
E Paper; CD-ROM (from 1988 onwards).
F <http://www.niscom.nic.in/>
G English.
H Bimonthly.
- A MEDLINE.
B National Library of Medicine, 8600 Rockville Pike, Bethesda, MD 20894, USA.
C MEDLINE is the National Library of Medicine's premier bibliographic database covering the fields of medicine, nursing, dentistry, veterinary medicine, the health care system, and the preclinical sciences. It contains 11 million indexed journal citations and abstracts now covering nearly 4,500 journals published in the United States and more than 70 other countries.
D
E On-line.
F http://www.nlm.nih.gov/databases/databases_medline.html
G English.
H
- A Medical Literature Database.
B Fujian College of Traditional Chinese Medicine.
C Medical articles published in Taiwan. Contains more than 24,460 records drawn from 40 kinds of public or interior biomedical and health care journals, academic degree dissertations, conference proceedings, study reports, and discourse collections published in Taiwan from 1970 to 1998. Contains more than 24,460 records.
D
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- A Mojazemlja(Myland).
B Zrinka Odobašić.
C The first Croatian professional magazine for ecological agriculture.
D ISSN:03650588.
E Paper.
F
G Croatian.
H

N

- A NAPRALERT(NATURAL PRODUCTS ALERT).
B Chemical Abstracts Service(CAS), a division of the American Chemical Society,
Columbus, Ohio, USA. E-mail: help@cas.org.
C The NAPRALERT File contains bibliographic and factual data on natural products,
including information on the pharmacology, biological activity, taxonomic distribution,
ethno-medicine and chemistry of plant, microbial, and animal (including marine)
extracts. It contains more than 162,285 bibliographic records containing information
for over 137,340 natural products and 156,695 organisms.
D
E On-line.
F <http://info.cas.org/ONLINE/DBSS/napralertss.html>
G English.
H
- A Narodna umjetnost.
B The Institute of Ethnology and Folklore Research, Ulica kralja Zvonimira 17/IV,
Zagreb, Croatia. Tel: 385(0)145 53-632, Fax: +385(0)145 53-649,
E-mail: institut@maief.ief.hr, biblioteka@maief.ief.hr(library).
C Croatian journal of Ethnology and Folklore Research.
D ISSN:05472504.
E Paper.
F <http://maief.ief.hr/index-eng.html>
G Croatian, English.
H Biannual.
- A Natural Cures.
B Published in the Russian Federation. Tel: (0742)246763.
C A publication containing simple natural medical prescriptions, accessible to all,
provided by natural healers and specialists. Contains medical news from around the
world (natural treatment methods and resources) and also materials on spiritual healers.
D ISSN:52214.
E Paper.
F
G Russian.
H Bimonthly.

- A Natural Product Sciences.
 B The Korean Society of Pharmacognosy, College of Pharmacy, Chungnam National University, 220, Kung -dong, Yusung -ku, Daejeon, 305 -764, Republic of Korea. Tel: 82428215925.
 C Research paper on natural product sciences including phytochemistry, chemistry and biochemistry of herbal medicines.
 D ISSN: 12263907.
 E Paper.
 F <http://www.ksp.seoul.kr> (The Korean Society of Pharmacognosy)
 G English.
 H Quarterly.

- A Népi Kultúra – Népi Társadalom (Traditional Culture, Folk Society).
 B Magyar Tudományos Akadémia, Néprajzi Kutatócsoport, 1051 Budapest, Nádor u. 7, Hungary.
 C Culture of peoples and ethnic groups in Society.
 D ISSN: 05419522.
 E Paper.
 F
 G Hungarian.
 H Occasionally.

O

- A Olaj, Szappan, Kozmetika (Journal of Oil, Soap and Cosmetics).
 B Editorial Office: 1095 Budapest, Kvassay J. u. 1. (CEREOL Kutatóintézet), Hungary. Tel: (361) 2175240, Fax: (361) 2175237.
 C Natural primary medicines (herbs, oils, etc.) used by health food and cosmetics industry.
 D ISSN: 04728602.
 E Paper.
 F <http://www.mete.mtesz.hu/kiado/oszk>
 G Hungarian.
 H Bimonthly.

P

- A Paysannes Africaines.
 B Paysannes Africaines, 52 rue Liancourt, 75014 Paris, France. Tel: (33) 142220619 and Centre d'études économiques et sociales d'Afrique de l'Ouest (CESAO), BP 305 Bobo-Dioulaso 01, Burkina Faso. Tel: (226) 971017, Fax: (226) 970802.
 C The newsletter aims to promote information exchange among women's groups. It contains three sections: brief articles in which writers describe their organizations' experiences in market gardening, grain banking etc; technologies describing methods developed or adapted in the villages (how to make soap, conserve tomatoes, control termites etc); reader's letters.

D
E Paper.
F
G French.
H Threetimesayear.

A PharmaceuticalBiology.
B JohnM.Pezzuto,UniversityofIllinoisatChicago,CollegeofPharmacy(m/c877),
833SouthWoodStreet,Chicago,IL,60612 -7231,USA.Tel:1(0)(312)996 -5967,
Fax:(0)3129962815,E -mail:jpezzuto@uic.edu.
C PharmaceuticalBiologypublishesmanuscriptsdescribingthediscovery,methodsfor
discovery,description,analysischaracterization,andproduction/isolationof
biologically-activechemicalsorothersubstances,drugs,pharmaceuticalproducts,or
preparationsutilizedinsystemsoftraditionalmedicine.
D ISSN:1388 -0209.
E Paper.
F <http://www.szp.swets.nl/szp/frameset.htm?url=%2Fszp%2Fjournals%2Fpb.htm>
G English.
H Publicationprogram2002:Volume40,8issuesplus asupplement.

A ThePhysician.
B
C AllRussianNaturalTreatmentJournal.
D ISSN:52209.
E Paper.
F
G Russian.
H Bimonthly.

A Piroda(Nature).
B OskarSpringer.
C ThepublicationoftheCroatianSocietyforNaturalSciences.
D ISSN:03510662.
E Paper.
F
G Croatian.
H

A PlantGeneticResourcesAbstracts.
B CABIPublishing.UnitedKingdom.Tel:441491832111,Fax:441491829292,
E-mail:orders@cabi.org.
C PlantGeneticResourceAbstractscoversWorldwidescientificinformationonall
aspectsofPlantgeneticsandseedconservation.Includesinformationon:Biodiversity,
Policy,planningandlegalaspects,Biotechnology,Geneticdiversity,Taxonomy,
evolutionandoriginofcropplants.
D ISSN:0966 -0100.

- E Paper.
 F <http://www.cabi-publishing.org/JOURNALS/Abstract/PGNRA/Index.asp>
 G English.
 H Quarterly.

R

- A RACINES.
 B Intercultural Institute of Montreal, 4917, Saint -Urbain, Montréal (Québec), Canada, H2T2W1. Tel: (514) 288 -7229, Fax: (514) 844 -6800, E -mail: info@iim.qc.ca.
 C Bibliographic Database of the Intercultural Institute of Montreal relating to Traditional and Indigenous Knowledge and Practices. This database permits research on different communities such as the Mayas, the Masai and the Berbers, etc..

- D
 E
 F http://www.iim.qc.ca/html/body_racines.html
 G French.
 H

- A Review of Aromatic and Medicinal Plants.
 B CABI Publishing. United Kingdom. Tel: 441491832111, Fax: 441491829292, E-mail: orders@cabi.org.
 C Review of Aromatic and Medicinal Plants covers the literature on cultivated and wild species of culinary herbs and spices and essential oil and medicinal plants.
 D ISSN: 135614 21.
 E Paper; On -line.
 F <http://www.cabi-publishing.org/JOURNALS/Abstract/RAMP/Index.asp>
 G English.
 H Monthly.

- A Revista Cubana de Plantas Medicinales.
 B Editorial Ciencias Médicas, Calle E No. 452e/19y21, El Vedado, La Habana, 10400, Cuba. Tel: 32 -5338, 32- 4519, Fax: 333063, E -mail: ecimed@infomed.sld.cu
 C The official journal of the Cuban National Commission on Medicinal Plants.
 D ISSN: 10284796.
 E Paper; On -line.
 F <http://bvs.sld.cu/revistas/pla/indice.html>
 G Spanish.
 H Quarterly.

- A Revue de médecines et pharmacopées africaines.
 B Agence de la Francophonie, Groupe de recherche et d'informations sur la pharmacopée et l'environnement tropical, 38 rue du Bois Grammont, 33320 Eysines, France.
 C This review presents a variety of plants used in medicine and in pharmacopoeia, together with an analysis of those plants, as well as a complete bibliography and lists of the scientists who have contributed to the review with their contact details.

D ISSN:10150382.
 E Paper.
 F
 G French.
 H Monthly.

A RussianScientificandTechnicalInformationCenter:MedicinalPlants.
 B RussianScientificandTechnicalInformati onCenter.Tel:(095)1525492.
 C JournalofMedicinalPlants.
 D ISSN:55581.
 E Paper.
 F
 G Russian.
 H Monthly.

S

A SHAMAN.
 B Molnar&KelemenOrientalPublishers,Szeged,P.O.Box1195Hungary6701.
 C ShamanisthejournalforTheInternationalSocietyforShamanisticResearch (ISSR).Itpublishesarticlesonthehistoryofreligions,anthropology,mythology, folklore,ethnomusicology,ethnochoreography,psychiatryorethnomedicine.Shaman's focusiscomprehensive:Turkic,Mongolian,Manchu -Tunguz,Korean,Japanese, Finno-Ugrian,andAmericanIndiansubjectsarealldiscussed.
 D
 E Paper.
 F <http://www.arts.u-szeged.hu/journal/shaman/shaman.html>
 G English.
 H Biannual.

A SmallFarmToday.
 B SmallFarmToday,3903WRidgeTrailRd,ClarkMO,U.S.A..Tel:652439525,573 6873525,Fax:5736873148,8006332535,E -mail:smallfarm@socket.net.
 C SmallFarmTodaywasfoundedbyasmallfarmerincentralMissouriin1984,andis dedicatedtothepreservationandpromotionofsmallfarming,ruralliving,community, sustainability,andagripreneurship.Itispublishedonafarm,byafarmer,forfarmers.
 D
 E Paper.
 F <http://www.smallfarmtoday.com/index.shtml>
 G English.
 H Bimonthly.

T

A TCMLARS(TraditionalChineseMedicalLiteratureAnalysisandRetrievalSystem).

- B Produced by the Beijing Institute of Information and Library of the Academy of Traditional Chinese Medicine, Beijing.
- C About 200,000 citations in the fields of TCM (Chinese herbal medicine, acupuncture and moxibustion, Qigong, Chinese massage.), from more than 520 biomedical journals published in China and other countries since 1984.
- D
- E
- F http://www.rosenthal.hs.columbia.edu/databases/TradMed_ACULARS.html
- G Chinese, English.
- H
- A TRAMED (Traditional Medicine Database).
- B South African Traditional Medicines Research Unit, Dept. of Pharmacology, Faculty of Health Sciences, University of Cape Town, 7925 Observatory, South Africa.
E-mail: satmerg@uctgsh1.uct.ac.za.
- C The Traditional Medicines Database incorporates: material gathered from the contemporary scientific literature on medicinal plants and their pharmacology and toxicology; material from collections, such as books, published articles, theses and databases already available, such as the NORISTAN database, concentrating on African plants; an operational laboratory database acting as a "labbook" for our research units.
- D
- E
- F <http://www.healthnet.org.za/tramed/gen/tramedsearch>
- G English.
- H
- A Természet Világa (World of Nature).
- B Magyar Hivatalos Közlönykiadó Kft 1085 Budapest, Somogyi B.u. 6, Hungary.
- C Interaction between nature and society, genomics, genetic diversification and natural healing.
- D ISSN: 04003717.
- E Paper.
- F <http://www.kfki.hu/library/>
- G Hungarian.
- H Monthly.
- A Těšínsko - vlastivědný časopis okresů Frýdek - Místek a Karviná (Country Science Periodical).
- B Muzeum Těšínska v Českém Těšíně, Hlavní tř. 13 - 15, 73727 Český Těšín.
Tel: 0659711887, E-mail: muzeum@muzeumct.cz.
- C
- D ISSN: 013 97605.
- E Paper.
- F
- G Czech.
- H Quarterly.

- A ThaiIndexMedicus.
 B MedicalLibrary, FacultyofMedicine, ChulalongkornUniversity, Bangkok, Thailand.
 C ThaiIndexMedicuisacollectionofdocumentspublishedinThaimedicaljournals
 from1918topresent .
 D
 E
 F <http://md3.md.chula.ac.th/thaiim.html>
 G English, Thai.
 H
- A TraditionalChineseMedicineDatabase(TCMD).
 B ProfessorWing -KayKAN, PhD, CEng, MIEEE, MBCS, DIC, AssociateProfessor,
 Dept. ofComputerScience&Engineering, AssociateDirector, ChineseMedicinal
 MaterialResearchCenter, Rm1019, ENGBuilding, ChineseUniversity, Shatin, Hong
 Kong. Tel:852 -26098437 Fax:852 -26035024, E -mail:wkkan@cs.cuhk.hk.
 C TCMDisabibliographicaldat abaseofapproximately20,000recordswithabstracts
 ofTCMarticles, selectedfrom150 -200journals.
 D
 E
 F http://www.rosenthal.hs.columbia.edu/databases/TradMed_CMMRC.html
 G MostselectedarticlesareinChinese. Englishabstractsarethenwrittenandother
 pertinentinformationistranslatedintoEnglish.
 H
- A TraditionalChineseMedicalLiteratureAnalysisandRetrievalSysteminEnglish
 B InstituteofInformationonTraditionalChineseMedicine, ChinaAcademyof
 TraditionalChineseMedicine.
 C TraditionalChineseMedicalPeriodicalLiterature. Containsabout68,000records. The
 sourcematerialforthedatabaseisdrawnfrombiomedicaljournalspublishedinChina
 since1984. Containsabout68,000records.
 D
 E CD-ROM.
 F <http://www.cintcm.com>, <http://www.cintcm.ac.cn>
 G
 H
- A TheTraditionalStudiesJournal.
 B TraditionalStudiesPress, PMB420, 1630 -A30thStreet, Boulder, CO80301, U.S.A..
 Fax:1(303)440 -5430, E -mail:ats@traditionalstudies.org.
 C TheJournalforTraditionalStudiesisaforumforitsreaderstofindoutaboutdifferent
 holdersoftraditionalknowledgeandtheirparts, offeringafriendly, informativeaddition
 totheeducationandknowledgefocusedbooksandvideospublishedbytheAssociation
 forTraditionalStudies.
 D
 E Paper.
 F <http://www.traditionalstudies.org/html/atsjournal.htm>

G English.
H Biannual.

A Traditional South Asian Medicine.
B Dr. Ludwig Reichert Verlag, Tauernstr. 11, 65199 Wiesbaden, Germany,
E-mail: Reichert.Verlag@t-online.de.
C Traditional South Asian Medicine (previously Journal of the European Ayurvedic Society) is a scholarly journal devoted primarily to the study of all aspects of traditional South Asian medical systems, particularly, but not exclusively, the Ayurvedic tradition. It features not only historical and philological studies, but also such as concern themselves with living traditions, including their interaction with non-South Asian medical traditions both modern and pre-modern, and their practical application
D ISSN: 09415297.
E Paper.
F <http://www.indologie.uni-halle.de/publ/tsam.htm>
G English.
H Occasionally.

V

A Valašsko -vlastivědná revue (Country Science review).
B Okresní vlastivědné muzeum Vsetín, Hornínám. 2, 75501 Vsetín.
Tel: 0657611690, E-mail: muzeum@vs.inext.cz.
C
D ISSN: 12123382.
E Paper.
F
G Czech.
H Biannual.

A Vlastivědný věstník moravský (Country Science Bulletin of Moravia).
B Muzejní vlastivědná společnost v Brně, Solniční ul. č. 12, 60200 Brno.
Tel: 0542210388, E-mail: mvsbrno@seznam.cz.
C
D ISSN: 03232581.
E Paper.
F
G Czech.
H Quarterly

A Le Voix Du Paysan.
B Service D'Appui aux Initiatives Locales de Développement (SAILD), BP 11955,
Yaounde, Cameroon.
C SAILD is an NGO in Cameroon which is involved in rural development projects which promote and strengthen farmer's organizations and activities. The magazine

disseminates information and provides a forum for discussion with farmers and development workers.

- D
- E Paper.
- F N/A.
- G Arabic, English, French.
- H Monthly.

W

- A Web-Agri.com.
- B Hyltel Multimédia, 12a Rue de Brest, 35000 Rennes, France.
E-mail: contact@hyltel.fr.
- C An Agricultural Search Engine that searches 764,244 agricultural webpages.
- D
- E On-line.
- F <http://www.web-agri.com/>
- G English, French.
- H

Y

- A Yin and Yang.
- B Velikiy Novgorod, Russian Federation. Tel: (81622) 72021.
- C Health Journal. Oriental, Western and Natural Prevention and Treatment methods.
- D ISSN: 31509
- E Paper.
- F
- G Russian.
- H Bimonthly.

[Annex II follows]

REQUESTFORREFERENCES

1. There has been considerable concern in recent years that patents have been granted for certain inventions that did not meet the fundamental requirements of patentability when compared with the traditional knowledge from which the inventions had been derived. This traditional knowledge, had it been known to the patent examiners at the time of the examination, may have amounted to "prior art" and may have defeated any claim that the invention was either 'novel' or 'inventive' and therefore patentable.

2. For example, a patent on the use of turmeric for wound healing was revoked once the patented invention was compared with ancient Indian documents that demonstrated that the invention was neither novel nor inventive.

3. In response to numerous proposals that the status of traditional knowledge as prior art would be considerably enhanced if patent examiners had access to existing, documented traditional knowledge, the Secretariat of the World Intellectual Property Organization ("WIPO"), as part of its program of activities under the Intergovernmental Committee on Intellectual Property and Genetic Resources, Traditional Knowledge and Folklore, is compiling two inventories which may be the basis of a useful resource to prevent the granting of patents on disclosed traditional knowledge:

- (a) An inventory of *existing* periodicals, journals or gazettes concerning traditional knowledge-related issues; and
- (b) An inventory of *existing* on-line traditional knowledge-related databases.

4. The inventories will *only* contain references to traditional knowledge-related publications and databases which are *already* in the public domain. Their objective is to help prevent the granting of patents on this knowledge. WIPO has not collected and does not wish to collect traditional knowledge itself.

5. The Secretariat of WIPO is seeking contributions to compile these inventories. Relevant categories of traditional knowledge could include: medicinal knowledge, including related medicines and remedies; agricultural knowledge; scientific knowledge and technical knowledge. The Secretariat would particularly welcome information relating to existing traditional knowledge-related national publications and databases compiled by and/or with the prior informed consent of local communities and traditional peoples.

Inventory of existing periodicals, journals or gazettes

6. WIPO would appreciate receiving the following details of national periodicals, journals or gazettes concerning traditional knowledge-related issues:

- (a) Full title
- (b) Publisher's name and contact details
- (c) Summary of content of publication
- (d) Publication ISSN number
- (e) Format of publication (paper, on-line, CD-ROM, microfilm, etc.)
- (f) Internet address, where appropriate
- (g) Language(s) of publication

(h) Frequency of publication (weekly, monthly, annual, etc.)

7. Examples of relevant national publications may be:

- *The Honeybee Newsletter*, published by the Society for Research into Sustainable Technologies and Institutions, Ahmedabad, India;
- *Le Voix du Paysan*, published by SAILD, Yaoundé, Cameroon;
- *The Indigenous Knowledge and Development Monitor*, published by the Nuffic Centre for International Research and Advisory Network; and
- *The Journal of Ethnopharmacology*, published by Elsevier Science Ireland Ltd.

Inventory of existing on-line traditional knowledge-related databases

8. WIPO would appreciate receiving the following details of on-line databases concerning traditional knowledge-related information:

- (a) Internet address
- (b) Database title
- (c) Summary of content of database
- (d) Name and contact details of compiler(s) of database; individual(s), institutions, communities, etc.
- (e) Name and contact details of publisher(s) of database
- (f) Approximate size of database: i.e., number of entries
- (g) Language of database

9. Examples of relevant databases may be:

- <http://www.taiga.net/webdata/aklaviktk/> - Sources of Documented Yukon North Slope Traditional Knowledge;
- <http://www.nativeknowledge.org> - Alaska Traditional Knowledge and Native Foods Database;
- <http://www.umd.umich.edu/cgi-bin/herb> - Native American Ethnobotany Database compiled by the University of Michigan - Dearborn; and
- <http://ip.aaas.org/tekindex.nsf> - TEKPAD (Traditional Ecological Knowledge Prior Art Database).

10. Please send all relevant information to the Global Intellectual Property Issues Division at <grtkf@wipo.int> or at WIPO, 34, chemin des Colombettes, 1211, Geneva 20 (Switzerland), Fax +41 22 338 81 20.

11. Publications and on-line databases will, as far as possible and as appropriate, be compiled into inventories that will be presented to the third meeting of the Committee, to be held in Geneva from June 13 to 21, 2002. The inventories will also be published on the WIPO website at www.wipo.int.

12. It would be appreciated if all replies could be sent before Friday, April 26, 2002.

[End of Annex II and of document]