



CERTIFICATE

By Authority Of THE UNITED STATES OF AMERICA Legally Binding Document

By the Authority Vested By Part 5 of the United States Code § 552(a) and Part 1 of the Code of Regulations § 51 the attached document has been duly INCORPORATED BY REFERENCE and shall be considered legally binding upon all citizens and residents of the United States of America.
HEED THIS NOTICE: Criminal penalties may apply for noncompliance.



Document Name: AHPA: Herbs of Commerce

CFR Section(s): 21 CFR 101.4(h)

Standards Body: American Herbal Products Association



Official Incorporator:
THE EXECUTIVE DIRECTOR
OFFICE OF THE FEDERAL REGISTER
WASHINGTON, D.C.



HERBS OF COMMERCE

1ST ED., PUB. 1992

~~NOTE: This file may not be transferred or sold.~~



© 2010 American Herbal Products Association
8630 Fenton Street, #918 Silver Spring, MD 20910
ph: (301) 588-1171; fax: (301) 588-1174; email: dpowell@ahpa.org

AMERICAN HERBAL PRODUCTS ASSOCIATION

HERBS OF COMMERCE

American Herbal Products Association
Standards Committee
Timothy Moley, Chairman

Edited by Steven Foster

SCIENTIFIC ADVISORY PANEL

Dr. Dennis Awang
Bureau of Drug Research
Natural Products Section
Health and Welfare Canada.

Dr. Shiu Ying Hu
Arnold Arboretum
Harvard University (retired)

Dr. John Kartesz
North Carolina Botanical Garden
University of North Carolina at Chapel Hill

Dr. Arthur O. Tucker
Department of Agriculture and Natural Resources
Delaware State College

Dr. Varro E. Tyler
School of Pharmacy and Pharmacal Sciences
Purdue University

AMERICAN HERBAL PRODUCTS ASSOCIATION

Austin, Texas

1992

Published by the American Herbal Products Association

Administrative Offices:
8630 Fenton Street Suite 918
Silver Spring, MD 20910

AHPA Standards Committee:
8630 Fenton Street Suite 918
Silver Spring, MD 20910

Timothy Moley, Chairman

© 1992 by the American Herbal Products Association. All rights reserved.

Printed in the United States of America

INTRODUCTION

In an effort to reduce nomenclatural problems in the herb trade, the American Herbal Products Association (AHPA) has proposed a compilation of common names "standardized" to botanical names. The root of the concept is that a single common name in trade should apply to only one botanical name.

The naming of plants has always presented problems for professional botanists and lay people alike. Common plant names can be ambiguous. A single species may have dozens of common names applied to it in a language. On the other hand, based on the most current taxonomic treatment, only one Latin binomial (scientific name) can validly apply to a plant. Scientific names are precise and internationally recognized.

Herbs in commerce are described predominantly by common names. FDA regulations (21CFR101.3) state that the common or usual name shall be used for labeling food products.

According to FDA regulations [21CFR Ch.1, Sec. 102.5(a) (4-1-87 ed.)]:

"The common or usual name of a food, which may be a coined term, shall accurately identify or describe in as simple and direct terms as possible, the basic nature of the food or its characterizing properties or ingredients. The name shall be uniform and may not be confusingly similar to the name of any other food that is not reasonably encompassed with the same name. Each class or subclass of food shall be given its own common or usual name that states, in clear terms, what it is in a way that distinguishes it from different foods."

A bewildering number of common names, as well as out-dated scientific names are applied to herbs in commerce. AHPA initiated the current project to reduce such ambiguities and confusion.

Names serve as reference points — a vehicle for distinguishing one entity from another. Given the fact that common names have never served to clearly distinguish one plant from another, it is necessary that all herbs sold be properly identified, and that the identity be correlated to Latin binomials, and that a method of determining compliance with appropriate standards of identity be implemented. This is at least a two phase task — first establishing widespread use of a uniform common name with a uniform Latin name.

The second aspect, a separate issue, involves developing a system of compliance of properly identified raw materials according to appropriate standards, presumably those set forth in a botanical codex. Such a work may some day be developed through the concerted efforts of scientists, the industry, and regulators. Adopting the use of a uniform common or trade name corresponding to a single Latin binomial in

product labeling, will go a long way to solving potential confusion and perhaps misuse of botanicals on the part of manufacturers and consumers.

BACKGROUND:

The concept of producing a single standard common name to correspond with a single Latin binomial of plants in commerce is not a new idea. Long ago the American Pharmaceutical Association had a Nomenclature Committee that dealt with standardized names of crude drugs. In 1978, the Standards Committee of the former Herb Trade Association initiated a list of current botanical names for use by the herb industry. The list was circulated to members of that organization, but never appeared in a final published form. The World Health Organization has developed a working list of "international botanical names" (IBN) for medicinal plants, included in the "Initial List of Medicinal Plants Widely Used Throughout the World" (Penso 1980). The Therapeutic Goods Administration of Australia has produced a working list of "Botanical and Common Names for Herb Substances," in order to conform to the requirements of Australian law. In essence, it will serve the same purpose as the AHPA "Herbs of Commerce" publication.

The reason for the use of a single standardized common name with a single Latin name is simple, and clearly stated in the preamble of the first edition of *Standardized Plants Names*, a 1923 publication of the American Joint Committee on Horticultural Nomenclature:

"To make buying easy by bringing about so far as practicable, the consistent use of a single standardized scientific name, and a single standardized common name for every tree, shrub, and plant in American commerce."

The American Joint Committee on Horticultural Nomenclature was formed in 1915 by committees of the American Association of Nurseryman and the Ornamental Grower's Association. By the time the second and last edition of *Standardized Plants Names* was published in 1942, the concept had been expanded to include the "wide fields of economic and social activity covered by plants and plant products." Special sections covered fiber crops, forestry, fruit crops, gums, pharmaceuticals, herb garden plants, spices and condiments, range and wildlife plants, etc.

Many organizations and contributors participated in the effort. A list of "Standardized Drug Plant Names," for example, was provided for the work by the Nomenclature Committee of the American Pharmaceutical Association. "Herb Garden Plant Names" were prepared by the Herbarium Committee of the Herb Society of America.

Many of the standardized common names proposed in the pages of the second edition of *Standardized Plant Names* have been relegated to the obscurity. *Echinacea angustifolia* has not become known as "Blacksampson Echinacea." Luffa, as the work suggested it should, has not become known as "Suakwa Vegetableponge." Perhaps the effort was too massive, too broad in scope, to be of lasting use, given the malleability of botanical nomenclature. Over 90,000 separate plants and plant products (not including cross-indexing) appeared in the 1942 edition of *Standardized Plant Names*.

Kartesz and Thieret (1991) have published new guidelines for use and application of common names for vascular plants. The publication includes suggested guidelines for spelling, hyphenation, capitalization, and other elements of style and conven-

tion for the use of common names. These guidelines have been considered, and in many cases, applied to the "Herbs in Commerce" list.

The current project was initiated in 1988 by the Standards Committee of the American Herbal Products Association which circulated a list of "herbs in commerce" prepared by the AHPA Standards Committee Chairman, Timothy Moley. It consisted of those herbs and spices found in the Code of Federal Regulations Title 21 parts 172.5100, 182.10 and 182.20. Comments, additions, and corrections were submitted by AHPA members and incorporated into the list. The list was reviewed by Dr. Arthur O. Tucker (Delaware State College). Dr. Tucker corrected many nomenclatural problems and added additional species (including botanical and common names). Author citations to the binomials and scientific plant family names were also added. The list was again circulated to AHPA members and others in the herb trade for further comments and additions. Those comments, corrections, and additions, along with more species, many more synonyms, and other details were added to the text by Steven Foster. That draft was given the working title "AHPA Herbs of Commerce —Working Draft Version 3," and was again circulated for comment, corrections and additions to AHPA members, and others in the herb industry, as well as the five-member Scientific Advisory Panel. This resulted in hundreds of changes, questions, corrections, and additions, which are incorporated into the current version.

REVIEW PANEL

The Review Panel members were selected for their expertise and impartiality. In its current form, the list will be circulated to the Review Panel as well as AHPA members, and other scientists or persons involved in the herb trade. Comments and proposed changes or additions will be collected by the AHPA Standards Committee, collated, then forwarded to the Review Panel which will decide on such changes. Once this final stage is accomplished, a procedure will advise on changes.

REVIEW PANEL MEMBERS:

Dr. Dennis Awang

Bureau of Drug Research, Natural Products Section, Health and Welfare Canada.

Dr. Shiu Ying Hu

Arnold Arboretum, Harvard University (retired).

Dr. John Kartesz

North Carolina Botanical Garden, University of North Carolina at Chapel Hill.

Dr. Arthur O. Tucker

Department of Agriculture and Natural Resources, Delaware State College.

Dr. Varro E. Tyler

School of Pharmacy and Pharmacal Sciences, Purdue University.

OWNERSHIP OF RIGHTS PERTAINING TO THE LIST

All rights of ownership, reproduction, and publication shall be retained by AHPA.

AMENDMENTS OR CHANGES TO THE LIST

To keep this list current and accurate, AHPA has a procedure for selecting a Review Panel which will review and make amendments to the list of common names. These procedures are designed to achieve the goals stated above and to assure that standardization does not amount to restraint of trade.

1. Proposed changes to the AHPA list of standardized common names may be submitted by either AHPA members or Review Panel members by presenting the proposed changes in typewritten copy to the AHPA Standards Committee.
2. Proposals to change the list must state clearly why a change is requested and must be sponsored and signed by any three (3) members of AHPA (these need not be members of the Review Panel). A Review Panel member needs no sponsor to propose changes to the list.
3. After receiving proposals, the AHPA Standards Committee sends them on to the Review Panel.
4. On a published schedule, and at least once annually, the AHPA members are notified of proposed changes to the list and are provided with brief arguments (no more than 100 words each) describing the need for each proposed change. All changes submitted are listed in the notice.
5. Proposed changes are accepted or rejected according to the following process and on the following time line:
 - a. The AHPA Standards Committee notifies AHPA members and the Review Panel that proposals for changes to the list are being accepted. The notice states the calendar for the process. The time line of the comment period closes forty (40) days after the postmark of the notice.
 - b. Comments and suggested changes (typewritten only) are compiled by the AHPA Standards Committee and mailed to the Review Panel. The AHPA Standards Committee has fifteen (15) days to complete this step.
 - c. The Review Panel must produce a written decision on each item submitted, and return this decision to the AHPA Standards Committee. Decisions can be as short as one sentence, but should describe the reason why a proposed change was either accepted or rejected. The Review Panel has forty (40) days from the postmark of the AHPA Standards Committee mailing to complete this step.

- d. The AHPA Standards Committee mails the Review Panel's comments to the AHPA Board of Directors. The AHPA Standards Committee has fifteen (15) days to complete this step.
- e. The Board must ratify the Review Panel's decision in order to make the changes official. The Board may ask for clarification from the Review Panel. If the Board chooses not to ratify such a decision, the status of the name in question remains as it was prior to the proposed change. The Board has forty (40) days from the postmark of the AHPA Standards Committee mailing.
- f. All AHPA members are notified that another review has been completed of the Standardized Common Names List. An addendum with recent changes to the List is printed and mailed to all AHPA members and/or is published in appropriate publications; copies are sent to each member of the Review Panel. A copy of the Review Panel's decisions is available to AHPA members upon request. AHPA has thirty (30) days from the AHPA Board's ratification of the changes to complete this step.

FORMAT AND CONTENT OF THE PUBLICATION:

1. The International Code of Botanical Nomenclature (ICBN) shall apply to any issue regarding use of Latin binomials.
2. The list is composed of botanical names, botanical synonyms, a proposed standardized common name, common name synonyms, and in primary species listings, the scientific name of the plant family. The proposed standardized common name for each taxon is placed in bold-faced type in small capital letters. Primary species accounts consist of the Latin binomial, and author citation (author of the binomial), scientific plant family name, and common names. The primary proposed "standardized common name" follows in bold face type in small capital letters. Additional common synonyms are in plain type.

In the case of herb commodities solely or primarily imported from China, the standardized common name consists of two parts. 1). English name. 2). pin yin transliteration of the Chinese name as it appears in the 1985 edition of the *Pharmacopeia of the People's Republic of China* Vol. 1. As a matter of style, individual syllables are separated by a hyphen, rather than run together (as in the 1985 *Chinese Pharmacopeia*). The English name with the Chinese transliteration is included as bold face cross references in synonym indexing. It is suggested, however, that the English common name and transliteration in parentheses serve as the single "standardized common name" for the taxa involved.

3. The Review Panel will decide the correct botanical name for a plant and the standardized common trade name for that botanical name.
4. The standardized common trade name adopted by the Review Panel should be the only common name used for that plant in trade.

5. There can be only one standardized common trade name for a plant, and that name can apply to only one taxon. Exceptions are as follows:

- a. In isolated instances where a commodity is represented by more than one taxa in an official compendium, (in such cases members are encouraged to apply the correct Latin binomial to the properly identified species).
- b. In Cases where the herb has an established common name in the U.S., however, it is imported from a foreign country where a different common name is officially recognized, the foreign common name may be used in addition to the English common name. The procedure for this is to put the foreign common name, in parenthesis directly after the English name.

For example, a plant is exclusively imported from China as a Chinese herb, in which case the common trade name should combine both the English and transliterated Chinese elements, with the English common name followed by the Chinese name in parenthesis. *Astragalus membranaceus*, known as Astragalus in the U.S., but huang-qi in China, would be listed as: Astragalus (huang-qi).

The Review Panel should agree on which foreign language and transliteration to use, if there is more than one, and apply that consistently.

Foreign language characters may be used in addition to foreign names. AHPA will not include foreign language characters in the text. However, members are responsible for correct labeling.

- c. More than one common name will be included for a single taxon if that plant produces more than one commodity in commerce. (see rule 14, below).
6. All names, regardless of whether they are standardized or not, are listed in alphabetical order in the main body of the list. Alphabetizing of the list is arranged letter-by-letter, regardless of spaces, punctuation, or the addition of a multiplication sign between the genus name and specific epithet of hybrids.
7. Common names and botanical synonyms are referred to the correct botanical name with which they are associated.
8. The listing of the correct botanical name consists of the following:
 - a. Latin binomial (with author citation)
 - b. Scientific plant family name.
 - c. “Standardized common name” (in bold face, small caps).

- d. Other common names.
- 9. Standardized common names will be listed first and set apart from other names by the use of bold type and small capital letters.
- 10. When necessary, an infraspecific taxon should be used.
- 11. The following criteria should be looked for when selecting the standardized common name, in most cases incumbent upon the most authoritative publishing history, such as:
 - a. Publication of the name in FDA regulations.
 - b. Publication in an official compendium such as:
 - i. United States Pharmacopeia.
 - ii. National Formulary.
 - iii. Food Chemical Codex.
 - c. Publication of the name in an authoritative document or book.
 - d. Widespread use and recognition of the name as a common name.
 - e. Botanical name used as a common name.
- 12. While certain guidelines will be enforced, it is recognized that there will be some exceptions.
- 13. When a common name that is published in current FDA regulations or official compendium is not chosen as the AHPA standardized common name, a written explanation should accompany that decision.
- 14. Plant parts shall be listed only when they are required for clarity. Two standardized common names will be included for a single taxon if that plant produces more than one commodity in commerce. For instance, in the case of *Myristica fragrans*, the correct standardized common name would be Nutmeg for the seeds, and Mace for the aril surrounding the seed.

INTENDED USE OF THE LIST, REGULATORY STATUS

- 1. Initially, the list will be made available to AHPA members and they will be encouraged, but not required, to use the names.
- 2. For the first year, members will be encouraged to review the list in detail and submit any proposed changes. A time table will be listed in a cover letter to AHPA members. The procedures for amendments or changes to the list do not apply until after the release of the first Review Panel version of the list.

3. Since the common or usual names appearing on this list will represent the consensus of appropriate experts and scientists in the field, AHPA urges its members to use the names on this list and if a member chooses not to use a name on the list, they must be prepared to justify the name used.
4. Since the required use of standardized common names is stipulated in the AHPA Code of Ethics, common names may be used or may be required to be used on:
 - a. Labels of herbal products.
 - b. Literature about herbal products.
 - c. Labels of raw materials.
 - d. Contracts, invoices, and other business documents.

CONCLUDING REMARKS

The current list includes approximately 550 primary species entries, and 1800 cross-referenced synonyms. The majority of species are used in food products. Some of the species included are used only as drug plants. Inclusion of a species in the list signifies only that a member of AHPA requested that the species be listed; it does not imply that the species is used for food, is safe for food use, or for any other use. It should be understood that this list is still evolving. Undoubtedly many additions will be made, and changes proposed. Completion and implementation of the list will be a major step forward for both users and sellers of herb products.

Submitted by:

Timothy Moley, AHPA Standards Committee Chairman.

Steven Foster, Editor.

PRIMARY REFERENCES

- Liberty Hyde Bailey Hortorium, staff of the. 1976. *Hortus Third*. New York: Macmillan.
- British Herbal Medical Association Scientific Committee, eds. 1990. *British Herbal Pharmacopoeia*. Vol. 1. Dorset, England: British Herbal Medical Association.
- Davies, R. A. and K. M. Lloyd. 1987. *Kew Index for 1986*. Oxford: Clarendon Press.
- _____. 1988. *Kew Index for 1987*. Oxford: Clarendon Press.
- _____. 1989. *Kew Index for 1988*. Oxford: Clarendon Press.
- _____. 1990. *Kew Index for 1989*. Oxford: Clarendon Press.
- Gathercoal, E. N. and H. W. Youngken. 1942. *Check List of Native and Introduced Drug Plants in the United States*. Chicago: Committee on Pharmaceutical Botany and Pharmacognosy of the Division of Biology and Agriculture of the National Research Council.
- Gleason, H. A. and A. Cronquist. 1991. *Manual of Vascular Plants of Northeastern United States and Adjacent Canada*. Second edition. Bronx, New York: The New York Botanical Garden.
- Gledhill, D. 1989. *The Names of Plants*. Second edition. Cambridge, England: Cambridge University Press.
- Greuter, W. et al., eds. 1988. *International Code of Botanical Nomenclature* (adopted by the Fourteenth International Botanical Congress, Berlin, July—August 1987). Königstein, Germany: Koeltz Scientific Books.
- Hobbs, C. E. 1876. *Botanical Hand-Book of Common Local, English, Botanical and Pharmacopeial Names Arranged in Alphabetical Order . . .* Boston: Chas. C. Roberts.
- Hu, S. Y. 1980. *An Enumeration of Chinese Materia Medica*. Hong Kong: The Chinese University Press.
- Kartesz, J. T. 1992. *A Synonymized Checklist of the Vascular Flora of the United States, Canada, and Greenland*. Second edition. Portland, OR: Timber Press.
- Kartesz, J. T. and R. Kartesz. 1980. *A Synonymized Checklist of the Vascular Flora of the United States, Canada, and Greenland*. Chapel Hill: University of North Carolina Press.
- Kartesz, J. T. and J. W. Thieret. 1991. Common Names for Vascular Plants: Guidelines for Use and Application. *Sida* 14(3):421-434.
- Kelsey, H. P. and W. A. Dayton, eds. 1942. *Standardized Plant Names*. Second edition. Harrisburg, Penn.: J. Horace McFarland Company.
- Jeffery, C. 1977. *Biological Nomenclature*. Second edition. New York: Crane, Russak & Company, Inc.
- Li, Han, editor-in-chief. 1986. *A Glossary of Chinese-Latin-English Names of Chinese Traditional and Herbal Drugs*. Fuzhou, Fujian: Fujian Science Technology Press.
- Mabberly, D. J. 1987. *The Plant Book: A Portable Dictionary of the Higher Plants*. New York: Cambridge University Press.
- Penso, G. 1980. Proposed international botanical names (IBN) for medicinal plants included in the "Initial List of Medicinal Plants Widely Used Throughout the World." Geneva: World Health Organization DPM/80.4.
- _____. 1983. *Index Plantarum Medicinalium Totius Mundi Eorumque Synonymorum*. Milan, Italy: Organizzazione Editoriale Medico Farmaceutica.
- _____. 1991. *Lexicon Plantarum Medicinalium: Vocabula Vernacula Latina, Anglicana, Gallica, Germanica, Hispanica, Italica, Russica*. Milan, Italy: Organizzazione Editoriale Medico Farmaceutica.

- Pharmacopeia Committee of the Ministry of Health. 1985. *Pharmacopeia of the People's Republic of China (Zhong Hua Ren Min Gong He Guo Yao Dian, Yi Bu)*. Vol. 1. Beijing: People's Health Publishing House and Chemical Industry Publishing House. (in Chinese).
- Pharmacopeia Committee of the Ministry of Health. 1988. *Pharmacopeia of the People's Republic of China*. Hong Kong: China Pharmaceutical Books Company. (English edition of 1985 Chinese Pharmacopeia).
- Steinmetz, E.F. 1957. *Codex Vegetabilis*. Amsterdam: E. F. Steinmetz.
- Terrell, E.E., S.R. Hill, J.H. Wiersema, and W.E. Rice. 1986. *A Checklist of Names for 3,000 Vascular Plants of Economic Importance*. USDA Agricultural Handbook No. 505.
- Tucker, A. O. 1986. Botanical Nomenclature of Culinary Herbs and Potherbs. In L.E. Craker and J.E. Simon, eds. *Herbs, Spices, and Medicinal Plants: Recent Advances in Botany, Horticulture, and Pharmacology*. Vol. 1. Phoenix: Oryx Press. pp. 33-80.
- Tucker, A. O., and B. M. Lawrence. 1987. Botanical Nomenclature of Commercial Sources of Essential Oils, Concretes and Absolutes. In L.E. Craker and J.E. Simon, eds. *Herbs, Spices, and Medicinal Plants: Recent Advances in Botany, Horticulture, and Pharmacology*. Vol. 2. Phoenix: Oryx Press. pp. 183 - 240.
- Tucker, A. O., J. A. Duke and S. Foster. 1989. Botanical Nomenclature of Medicinal Plants. In L.E. Craker and J.E. Simon, eds. *Herbs, Spices, and Medicinal Plants: Recent Advances in Botany, Horticulture, and Pharmacology*. Vol. 4. Phoenix: Oryx Press. pp. 169 - 242.
- Wiersema, J.H., J.H. Kirkbride, Jr., and C.R. Gunn. 1990. *Legume (Fabaceae) Nomenclature in the USDA Germplasm System* USDA Technical Bulletin No. 1757.
- Zimdahl, R.L. 1989. *Weeds and Words: The Etymology of the Scientific Names of Weeds and Crops*. Ames: Iowa State University Press.

- Abies balsamea* (L.) Mill.
Pinaceae
CANADA BALSAM, balsam fir
- ABYSSIAN MYRRH**
see *Commiphora madagascariensis*
- Acanthopanax senticosus* (Rupr. et Maxim. ex Maxim.) Harms
= *Eleutherococcus senticosus*
- Achillea millefolium* L.
Asteraceae
YARROW, milfoil
- ACHYRANTHES**
see *Achyranthes bidentata*
- Achyranthes bidentata* Bl.
Amaranthaceae
ACHYRANTHES (NUI-XI)
- ACHYRANTHES (NUI-XI)**
see *Achyranthes bidentata*
- ACONITE TUBER, PREPARED (FU-ZI)**
see *Aconitum carmichaelii*
- Aconitum carmichaelii* Debx.
Ranunculaceae
PREPARED ACONITUM TUBER (FU-ZI)
- acorus
see *Acorus calamus*
- Acorus calamus* L.
Araceae
CALAMUS, acorus, sweetflag
- Acorus gramineus* Soland.
Araceae
GRASS-LEAVED CALAMUS (SHI-CHANG-PU), grassy-leaved sweetflag
- ADENOPHORA (NAN-SHA-SHEN)**
see *Adenophora stricta* & *A. tetraphylla*
- Adenophora stricta* Miq.
Campanulaceae
ADENOPHORA (NAN-SHA-SHEN)
Adenophora tetraphylla (Thunb.) Fisch.
Campanulaceae
ADENOPHORA (NAN-SHA-SHEN)
- Adiantum pedatum* L.
Adiantiaceae
MAIDENHAIR FERN
Aframomum melegueta (Roscoe) K.
Schumann
= *Amomum melegueta*
- AGAR**
see *Gelidiella acerosa* & *Gelidium* spp.
agarweed
see *Gelidiella acerosa* & *Gelidium* spp.
- AGASTACHE**
see *Agastache rugosa*
- Agastache rugosa* (Fisch. et Mey.) O. Ktze.
Lamiaceae
AGASTACHE
Agathosma betulina
= *Barosma betulina*
- AGONIADA**
see *Plumeria lancifolia*

<i>Agrimonia eupatoria</i> L.	ALFALFA
Rosaceae	see <i>Medicago sativa</i>
AGRIMONY	ALISMA
AGRIMONY	see <i>Alisma orientale</i>
see <i>Agrimonia eupatoria</i>	<i>Alisma orientale</i> (Sam.) Juzepczuk
<i>Agropyron repens</i> (L.) P. Beauv.	Alismataceae
= <i>Elytrigia repens</i>	ALISMA (ZE-XIE), alisma
alant	<i>Alisma plantago-aquatica</i> L. var.
see <i>Inula helenium</i>	<i>orientale</i> Sam.
<i>Albizia julibrissin</i> Durazz.	= <i>Alisma orientale</i>
Fabaceae	ALKANET
SILK TREE (HE-HUAN-PI)	see <i>Alkanna tinctoria</i>
[bark], SILK TREE (HE-HUAN-	alkanet root
HUA) [flowers], mimosa tree	see <i>Alkanna tinctoria</i>
<i>Albizzia julibrissin</i>	<i>Alkanna tinctoria</i> (L.) Tausch
= <i>Albizia julibrissin</i>	Boraginaceae
<i>Alcea rosea</i> L.	ALKANET, alkanet root
Malvaceae	all-heal
HOLLYHOCK	see <i>Prunella vulgaris</i>
<i>Alchemilla vulgaris</i> auct. non L.	<i>Allium sativum</i> L.
= <i>Alchemilla xanthochlora</i>	Liliaceae
<i>Alchemilla xanthochlora</i> Rothm.	GARLIC
Rosaceae	<i>Allium schoenoprasum</i> L.
LADY'S-MANTLE	Liliaceae
alder buckthorn	CHIVES
see <i>Rhamnus frangula</i>	ALLSPICE
ALETRIS	see <i>Pimenta dioica</i>
see <i>Aletris farinosa</i>	ALMOND, BITTER
<i>Aletris farinosa</i> L.	see <i>Prunus dulcis</i> var. <i>amara</i>
Liliaceae	almond, Indian
ALETRIS , true unicorn, star-	see <i>Terminalia chebula</i>
grass, star-grass root, true unicorn	ALMOND, TROPICAL
star-grass	see <i>Terminalia chebula</i>
ALEXANDRIAN SENNA	<i>Aloe barbadensis</i> Mill.
see <i>Senna alexandrina</i>	= <i>Aloe vera</i>

- aloe, Barbados
 see *Aloe vera*
ALOE, CAPE
 see *Aloe ferox*
 aloe, Curacao
 see *Aloe vera*
Aloe ferox Mill.
 Liliaceae
CAPE ALOE
 aloe, medicinal
 see *Aloe vera*
ALOE VERA
 see *Aloe vera*
Aloe vera (L.) N. L. Burm.
 Liliaceae
ALOE VERA, Barbados aloe,
 Curacao aloe, medicinal aloe, aloe
Aloysia triphylla (L'Hér.) Britton
 Verbenaceae
LEMON VERBENA, verbena
Alpinia galanga (L.) Willd.
 Zingiberaceae
GREATER GALANGAL, greater
 galangal root
Alpinia officinarum Hance
 Zingiberaceae
LESSER GALANGAL, Chinese
 ginger, Chinese galangal
Althaea officinalis L.
 Malvaceae
MARSHMALLOW, althaea
Althaea rosea (L.) Cav.
 = *Alcea rosea*
 alumroot
 see *Geranium maculatum*
- ALUMROOT**
 see *Heuchera micrantha*
 ambal
 see *Phyllanthus emblica*
AMERICAN BUGLEWEED
 see *Lycopus americanus*
AMERICAN CHESTNUT
 see *Castanea dentata*
AMERICAN EDLER
 see *Sambucus canadensis*
AMERICAN GINSENG
 see *Panax quinquefolius*
AMERICAN LIVERLEAF
 see *Hepatica nobilis* var. *acuta* &
 Hepatica nobilis var. *obtusa*
AMERICAN MISTLETOE
 see *Phoradendron leucarpum*
AMERICAN PENNYROYAL
 see *Hedeoma pulegioides*
 amla
 see *Phyllanthus emblica*
Amomum melegueta Roscoe
 Zingiberaceae
GRAINS-OF-PARADISE
Amomum tsao-ko Crev. et. Lem.
 Zingiberaceae
TSAO-KO (CAO-GUA)
Anaphalis margaritacea (L.) Benth. &
 J. D. Hook.
 Asteraceae
PEARLY EVERLASTING, life-
 everlasting
ANEMARRHENA
 see *Anemarrhena asphodeloides*

<i>Anemarrhena asphodeloides</i> Bge.	ANGELICA, PUBESCENT
Liliaceae	see <i>Angelica pubescens</i>
ANEMARRHENA (ZHI-MU)	ANGELICA, PURPLE
<i>Anemopsis californica</i> (Nutt.) Hook. & Arn.	see <i>Angelica atropurpurea</i>
Saururaceae	<i>Angelica sinensis</i> (Oliv.) Diels
YERBA MANSA	Apiaceae
<i>Anethum graveolens</i> L.	DONG-QUAI, dong-gui, dang- quai, dang-qui, tang-kuei
Apiaceae	<i>Aniba rasaeodora</i> Ducke
DILL	Lauraceae
ANGELICA	BRAZILIAN ROSEWOOD
see <i>Angelica archangelica</i>	
angelica, American	ANISE
see <i>Angelica atropurpurea</i>	see <i>Pimpinella anisum</i>
<i>Angelica archangelica</i> L.	ANISE, STAR
Apiaceae	see <i>Illicium verum</i>
ANGELICA	ANNATTO
<i>Angelica atropurpurea</i> L.	see <i>Bixa orellana</i>
Apiaceae	annual wormwood
PURPLE ANGELICA, American angelica	see <i>Artemisia annua</i>
<i>Angelica dahurica</i> (Fischer ex Hoffm.)	<i>Anthemis nobilis</i> L.
Franch. et Sav.	= <i>Chamaemelum nobile</i>
Apiaceae	<i>Anthriscus cerefolium</i> (L.) Hoffm.
FRAGRANT ANGELICA (BAI- ZHI)	Apiaceae
ANGELICA, FRAGRANT (BAI- ZHI)	CHERVIL
see <i>Angelica dahurica</i>	<i>Apium graveolens</i> L.
<i>Angelica polymorpha</i> Maxim.	Apiaceae
= <i>Angelica sinensis</i>	CELERY
<i>Angelica pubescens</i> Maxim.	<i>Apocynum androsaemifolium</i> L.
Apiaceae	Apocynaceae
PUBESCENT ANGELICA (DU- HUO)	SPREADING DOGBANE
	<i>Apocynum cannabinum</i> L.
	Apocynaceae
	INDIAN-HEMP
	APRICOT
	see <i>Prunus armeniaca</i>

APRICOT, JAPANESE (WU-MEI)	JACK-IN-THE-PULPIT, Indian-turnip
see <i>Prunus mume</i>	
<i>Aralia californica</i> Wats.	<i>Aristolochia contorta</i> Bge.
Araliaceae	Aristolochiaceae
CALIFORNIA SPIKENARD	MA-DOU-LING (fruit), TIAN-XIAN-TENG (vine)
<i>Aralia nudicaulis</i> L.	<i>Aristolochia debilis</i> Sieb. et Zucc.
Araliaceae	Aristolochiaceae
SMALL SPIKENARD, wild sarsaparilla	TIAN-XIAN-TENG (vine), MA-DOU-LING (fruit)
<i>Aralia racemosa</i> L.	<i>Aristolochia cymbifera</i> Mart. & Zucc.
Araliaceae	Aristolochiaceae
SPIKENARD, American spikenard arborvitae, eastern	MIL-HOMENS
see <i>Thuja occidentalis</i>	<i>Aristolochia serpentaria</i> L.
ARBORVITAE, ORIENTAL (BAI-ZI-REN)	Aristolochiaceae
see <i>Platycladus orientalis</i>	VIRGINIA SNAKEROOT
AR BUTUS, TRAILING-	<i>Armoracia lapathifolia</i> Gilib.
see <i>Epigaea repens</i>	= <i>Armoracia rusticana</i>
<i>Arctium lappa</i> L.	<i>Armoracia rusticana</i> P. Gaertn., B.
Asteraceae	Mey. & J. Scherbius
BURDOCK	Brassicaceae
<i>Arctostaphylos uva-ursi</i> (L.) Spreng.	HORSERADISH
Ericaceae	
UVA-URSI, bearberry, kinnickinick	ARNICA
	see <i>Arnica montana</i> & <i>A. latifolia</i>
ARISAEMA, JAPANESE (TIAN-NAN-XING)	<i>Arnica latifolia</i> Bong.
see <i>Arisaema japonicum</i>	Asteraceae
<i>Arisaema japonicum</i> Blume	ARNICA
Araceae	<i>Arnica montana</i> L.
JAPANESE ARISAEMA (TIAN-NAN-XING).	Asteraceae
<i>Arisaema triphyllum</i> (L.) Torr.	ARNICA
Araceae	
	ARROWROOT
	see <i>Maranta arundinacea</i>
	ARTEMISIA, ABROTANUM
	<i>Artemisia abrotanum</i> L.
	Asteraceae
	SOUTHERNWOOD, lad's love

<i>Artemisia absinthium</i> L.		PLEURISY-ROOT, butterfly-weed
Asteraceae		
WORMWOOD		ash, northern prickly
<i>Artemisia annua</i> L.		see <i>Zanthoxylum americanum</i>
Asteraceae		ash, southern prickly
SWEET ANNIE (QING-HAO), annual wormwood		see <i>Zanthoxylum clava-herculis</i>
<i>Artemisia capillaris</i> Thunb.		ASHWAGANDHA
Asteraceae		see <i>Withania somnifera</i>
CAPILLARY ARTEMISIA (YIN-CHEN)		ASH, WHITE
<i>Artemisia douglasiana</i> Bess.		see <i>Fraxinus americanus</i>
Asteraceae		ASIAN PSYLLIUM
WESTERN MUGWORT		see <i>Plantago asiatica</i>
<i>Artemisia dracunculus</i> L. 'Sativa'		ASIATIC DOGWOOD (SHAN-ZHU-YU)
Asteraceae		see <i>Cornus officinalis</i>
FRENCH TARRAGON		ASPARAGUS
<i>Artemisia lactiflora</i> Wall. ex DC.		see <i>Asparagus officinalis</i>
Asteraceae		<i>Asparagus cochinchinensis</i> (Lour.)
WHITE MUGWORT		Merr.
<i>Artemisia vulgaris</i> L.		Liliaceae
Asteraceae		CHINESE ASPARAGUS (TIAN-DONG)
MUGWORT		<i>Asparagus officinalis</i> L.
ASAFETIDA		Liliaceae
see <i>Ferula assa-foetida</i> & <i>F. foetida</i>		ASPARAGUS
<i>Asarum canadense</i> L.		<i>Asperula odorata</i> L.
Aristolochiaceae		= <i>Galium odoratum</i>
CANADA SNAKEROOT, wild ginger		ASTRAGALUS
<i>Asclepias asperula</i> (Dcne.) Woodson		see <i>Astragalus membranaceus</i> & <i>A. mongolicus</i>
Asclepiadaceae		<i>Astragalus hoantchy</i> Franch.
IMMORTAL		= <i>A. membranaceus</i>
<i>Asclepias tuberosa</i> L.		<i>Astragalus membranaceus</i> Bunge
Asclepiadaceae		Fabaceae
		ASTRAGALUS (HUANG-QI), membranous milk-vetch

<i>Astragalus mongolicus</i> Bunge	BAI-WEI (CYNANCHUM)
Fabaceae	see <i>Cynanchum atratum</i>
ASTRAGALUS (HUANG-QI)	
ATRACTYLODES (BAI-ZHU)	bai-zhi
see <i>Atractylodes macrocephala</i>	see <i>Angelica dahurica</i>
<i>Atractylodes lancea</i> (Thunb.) DC	BAI-ZHI (FRAGRANT ANGELICA)
Asteraceae	see <i>Angelica dahurica</i>
SOUTHERN TSANGSHU (CANG-ZHU)	bai-zhu
<i>Atractylodes macrocephala</i> Koidz.	see <i>Atractylodes macrocephala</i>
Asteraceae	BAI-ZHU (ATRACTYLODES)
ATRACTYLODES (BAI-ZHU)	see <i>Atractylodes macrocephala</i>
<i>Atropa belladonna</i> L.	bai-zi-ren
Solanaceae	see <i>Platycladus orientalis</i>
BELLADONNA, deadly nightshade	BAI-ZI-REN (ORIENTAL ARBORVITAE)
<i>Aucklandia lappa</i>	see <i>Platycladus orientalis</i>
see <i>Saussurea lappa</i>	ba-ji-tian
<i>Avena fatua</i> L.	see <i>Morinda officinalis</i>
Poaceae	BA-JI-TIAN (MORINDA)
WILD OAT, oatstraw	see <i>Morinda officinalis</i>
<i>Avena sativa</i> L.	BALLOON-FLOWER (JIE-GENG)
Poaceae	see <i>Platycodon grandiflorum</i>
OATS	<i>Ballota nigra</i> L.
bai-he	Lamiaceae
see <i>Lilium brownii</i>	BLACK HOREHOUND
BAI-HE (BROWN'S LILY)	balm
see <i>Lilium brownii</i>	see <i>Melissa officinalis</i>
BAIKAL SKULLCAP	BALM, LEMON
see <i>Scutellaria baicalensis</i>	see <i>Melissa officinalis</i>
bai-shao	BALM-OF-GILEAD
see <i>Paeonia lactiflora</i> Pall.	see <i>Populus balsamifera</i> L. var.
BAI-SHAO (WHITE PEONY ROOT)	<i>balsamifera</i> & <i>P. x jackii</i>
see <i>Paeonia lactiflora</i>	balm-of-Gilead buds
bai-wei	see <i>Populus balsamifera</i> subsp.
see <i>Cynanchum atratum</i>	<i>balsamifera</i> & <i>P. x jackii</i>
	BALMONY
	see <i>Chelone glabra</i>

BALSAM, CANADAsee *Abies balsamea*

balsam fir

see *Abies balsamea**Balsamodendron mukul*= *Commiphora mukul***BALSAM-OF-PERU**see *Myroxylon balsamum* var.*pereirae*

ban-xia

see *Pinellia ternata***BAN-XIA (PINELLIA)**see *Pinellia ternata**Baptisia tinctoria* (L.) R. Br. ex Ait. f.

Fabaceae

WILD INDIGO**BARBERRY**see *Berberis vulgaris*

barberry, European

see *Berberis vulgaris*

barberry, Oregon

see *Mahonia aquifolium*, *M.**nervosa*, & *M. repens***BARK, CRAMP**see *Viburnum opulus***BARLEY***Hordium vulgare**Barosma betulina* (Thunb.) Bartl. &

Wendl.

Rutaceae

SHORT BUCHU, short buchu-leaf*Barosma crenulata* (L.) Hook.

Rutaceae

OVATE BUCHU, ovate buchu-leaf*Barosma serratifolia* (Curtis) Willd.

Rutaceae

LONG BUCHU, long buchu-leaf**BASIL**see *Ocimum basilicum*

basil, sweet

see *Ocimum basilicum**Bauhinia forficata* Link

Fabaceae

PATA-DE-VACA**BAYBERRY**see *Myrica pensylvanica* & *M.**cerifera***BAYBERRY, SOUTHERN**see *Myrica cerifera***BAYLEAF**see *Laurus nobilis*

bayonet, Spanish-

see *Yucca aloifolia*

bay, sweet

see *Laurus nobilis*

beach silvertop

see *Glehnia littoralis***BEAKED HAZEL**see *Corylus cornuta*

bearberry

see *Arctostaphylos uva-ursi*

beard-moss

*Usnea barbata***BEDSTRAW, LADY'S**see *Galium verum*

bedstraw, our-Lady's-

see *Galium verum*

bedstraw, yellow

see *Galium verum*

BEEBALM	berry, tea
see <i>Monarda clinopodia</i> , & <i>M. didyma</i>	see <i>Gaultheria procumbens</i>
beebalm, Oswego	BETHROOT
see <i>Monarda didyma</i>	see <i>Trillium erectum</i>
BEEBALM, SPOTTED	betony, wood
see <i>Monarda pectinata</i>	see <i>Stachys officinalis</i>
bei-sha-shen	<i>Betula alba</i> L.
see <i>Glehnia littoralis</i>	= <i>Betula pubescens</i>
BEI-SHA-SHEN (GLEHNIA ROOT)	<i>Betula lenta</i> L.
see <i>Glehnia littoralis</i>	Betulaceae
BELLADONNA	SWEET BIRCH , black birch, cherry birch,
see <i>Atropa belladonna</i>	<i>Betula pendula</i> Roth.
belladonna, Russian	Betulaceae
see <i>Scopolia carniolica</i>	EUROPEAN WHITE BIRCH
BELLERIC MYROBALAN	<i>Betula pubescens</i> Ehrh.
see <i>Terminalia bellerica</i>	Betulaceae
bellflower	BIRCH
see <i>Codonopsis pilosula</i>	<i>Betula verrucosa</i> Ehrh.
<i>Benincasa hispida</i> (Thunb.) Cogn.	= <i>Betula pendula</i>
Cucurbitaceae	BILBERRY
WAX GOURD (DONG-GUA-PI)	see <i>Vaccinium myrtillus</i>
BENZOIN	<i>Biota orientalis</i> (L.) Endl.
see <i>Styrax benzoin</i> , <i>S. paralleloneurum</i> , & <i>S. tonkinensis</i>	= <i>Platycladus orientalis</i>
benzoin, Sumatra	BIRCH
see <i>Styrax benzoin</i>	see <i>Betula pubescens</i>
<i>Berberis aquifolium</i> Pursh	birch, black
= <i>Mahonia aquifolium</i>	see <i>Betula lenta</i>
<i>Berberis vulgaris</i> L.	birch, cherry
Berberidaceae	see <i>Betula lenta</i>
BARBERRY , European barberry	BIRCH, EUROPEAN WHITE
BERGAMOT ORANGE	see <i>Betula pendula</i>
see <i>Citrus bergamia</i>	BIRCH, SWEET
BERGAMOT, WILD	see <i>Betula lenta</i>
see <i>Monarda fistulosa</i>	

- BIRD PEPPER**
 see *Capsicum annuum* var.
 glabriusculum
- birth root
 see *Trillium erectum*
- BISTORT**
 see *Polygonum bistorta*
- BITTER ALMOND**
 see *Prunus dulcis* var. *amara*
- BITTER ORANGE**
 see *Citrus aurantium*
- Bixa orellana* L.
 Bixaceae
- ANNATTO**
- BLACKBERRY**
 see *Rubus fruticosus*
- BLACK COHOSH**
 see *Cimicifuga racemosa*
- BLACK CurrANT**
 see *Ribes nigrum*
- BLACKHAW**
 see *Viburnum prunifolium*
- BLACK HOReHOUND**
 see *Ballota nigra*
- BLACK MUSTARD**
 see *Brassica nigra*
- BLACK PEPPER**
 see *Piper nigrum*
- BLACK PSYLLIUM**
 see *Plantago arenaria*
- blackroot
 see *Leptandra virginica*
- black tea
 see *Camellia sinensis*
- BLACK WALNUT**
 see *Juglans nigra*
- BLADDERWRACK**
 see *Fucus vesiculosus*
- BLESSED THISTLE**
 see *Cnicus benedictus*
- BLONDE PSYLLIUM**
 see *Plantago ovata*
- BLOODROOT**
 see *Sanguinaria canadensis*
- BLUEBERRY**
 see *Vaccinium pallidum*, V.
 angustifolium & *V. corymbosum*
- BLUE COHOSH**
 see *Caulophyllum thalictroides*
- BLUE FLAG**
 see *Iris versicolor* & *I. virginica*
- BLUE LOBELIA**
 see *Lobelia siphilitica*
- BLUE VERVAIN**
 see *Verbena hastata*
- BOGBEAN**
 see *Menyanthes trifoliata*
- BOLDO**
 see *Peumus boldus* Molina
- BONESET**
 see *Eupatorium perfoliatum*
- BORAGE**
 see *Borago officinalis*
- Borago officinalis* L.
 Boraginaceae
- BORAGE**
 Boswellia carteri Birdwood
 Burseraceae
- FRANKINCENSE**, olibanum
- BOXWOOD**
 see *Buxus sempervirens*

- Brassica alba* Rabenh., non L.
 = *Sinapis alba*
- Brassica juncea* (L.) Czeniak var.
 timida Tsen et Lee
 Brassicaceae
- SICHUAN PRESERVED
VEGETABLE (ZHA-CAI)**
- Brassica nigra* (L.) W. Koch
 Brassicaceae
- BLACK MUSTARD**, brown
 mustard
- Brazilian peppertree
 see *Schinus terebinthifolia*
- BRAZILIAN ROSEWOOD**
 see *Aniba rasaeodora*
- bread, St. John's
 see *Ceratonia siliqua*
- Brigham-tea
 see *Ephedra nevadensis*
- BRITISH ELECAMPANE FLOWERS
(XUAN-FU-HUA)**
 see *Inula britannica*
- BROAD-LEAF DOCK**
 see *Rumex obtusifolius*
- broom
 see *Cytisus scoparius*
- BROOM, BUTCHER'S-**
 see *Ruscus aculeatus*
- BROOM, DYER'S-**
 see *Genista tinctoria*
- BROOMRAPE**
 see *Cistanche salsa*
- BROOM, SCOTCH**
 see *Cytisus scoparius*
- broom tops
 see *Cytisus scoparius*
- BROWN'S LILY (BAI-HE)**
 see *Lilium brownii*
- buchu-leaf, long
 see *Barosma serratifolia*
- buchu-leaf, ovate
 see *Barosma crenulata*
- buchu-leaf, short
 see *Barosma betulina*
- BUCHU, LONG**
 see *Barosma serratifolia*
- BUCHU, OVATE**
 see *Barosma crenulata*
- BUCHU, SHORT**
 see *Barosma betulina*
- buckthorn, alder
 see *Rhamnus frangula*
- BUGBANE (SHENG-MA)**
 see *Cimicifuga foetida*
- BUGLEWEED**
 see *Lycopus virginicus*
- BUGLEWEED, AMERICAN**
 see *Lycopus americanus*
- BUGLEWEED, EUROPEAN**
 see *Lycopus europaeus*
- bu-gu-zhi
 see *Cullen corylifolia*
- BU-GU-ZHI (SCURFY-PEA)**
 see *Cullen corylifolia*
- Bupleurum chinense* DC.
 Apiaceae
- CHINESE THOROUGHWAX
(CHAI-HU)**
- BURDOCK**
 see *Arctium lappa*
- burningbush
 see *Euonymus atropurpureus*

BUTCHER'S-BROOM

see *Ruscus aculeatus*

butterfly-weed

see *Asclepias tuberosa*

BUTTERNUT

see *Juglans cinerea*

button, bachelor's-

see *Centaurea cyanus*

***Buxus sempervirens* L.**

Buxaceae

BOXWOOD**bu-za-ye**

see *Microcos nervosa*

BU-ZA-YE (MICROCOS LEAVES)

see *Microcos nervosa*

CABBAGE, SKUNK-

see *Symplocarpus foetidus*

***Cactus grandiflorus* L.**

= *Selenicereus grandiflorus*

CADE JUNIPER

see *Juniperus oxycedrus*

CALAMUS

see *Acorus calamus*

CALAMUS, GRASS-LEAVED

(**SHI-CHANG-PU**)

see *Acorus gramineus*

CALENDULA

see *Calendula officinalis*

***Calendula officinalis* L.**

Asteraceae

CALENDULA, poet's-marigold,
pot-marigold, marigold

CALIFORNIA CHIA

see *Salvia columbariae*

CALIFORNIA POPPY

see *Eschscholzia californica*

CALIFORNIA SPIKENARD

see *Aralia californica*

calisaya-bark

see *Cinchona calisaya*

***Calluna vulgaris* (L.) Hull**

Ericaceae

HEATHER***Camellia sinensis* (L.) Kuntze**

Theaceae

TEA, black tea, green tea, Chinese
tea

camomile

see chamomile

CAMPHOR

see *Cinnamomum camphora*

camphor, tree-

see *Cinnamomum camphora*

CANADA BALSAM

see *Abies balsamea*

CANADA FLEABANE

see *Conyza canadensis*

CANADA SNAKEROOT

see *Asarum Canadense*

CANAIGRE

see *Rumex hymenosepalus*

***Cananga odorata* (Lam.) J. D. Hook.**

& T. Thompson

Annonaceae

YLANG YLANG***Canarium album* (Lour.) Raeush.**

Burseraceae

WHITE CHINESE-OLIVE

(**QING-GUO**)

candle, our-Lord's-

see *Yucca whipplei*

cang-zhu	CARAWAY
see <i>Atractylodes lancea</i>	see <i>Carum carvi</i>
CANG-ZHU (SOUTHERN TSANGSHU)	CARDAMOM
see <i>Atractylodes lancea</i>	see <i>Elettaria cardamomum</i>
canker-root	<i>Carica papaya</i> L.
see <i>Coptis groenlandica</i>	Caricaceae
cao-gua	PAPAYA
see <i>Amomum tsao-ko</i>	
CAO-GUA (TSAO-KO)	CAROB
see <i>Amomum tsao-ko</i>	see <i>Ceratonia siliqua</i>
CAPE ALOE	carrot
see <i>Aloe ferox</i>	see <i>Daucus carota</i>
CAPILLARY ARTEMISIA	CARROT, WILD
see <i>Artemisia capillaris</i>	see <i>Daucus carota</i>
CAPILLARY ARTEMISIA (YIN- CHEN)	<i>Carthamus tinctorius</i> L.
see <i>Artemisia capillaris</i>	Asteraceae
<i>Capsella bursa-pastoris</i> (L.) Medik.	SAFFLOWER
Brassicaceae	<i>Carum carvi</i> L.
SHEPHERD'S-PURSE	Apiaceae
capsicum	CARAWAY
see <i>Capsicum annuum</i> var. <i>annuum</i>	
<i>Capsicum annuum</i> L. var. <i>annuum</i>	CASCARA SAGRADA
Solanaceae	see <i>Rhamnus purshiana</i>
CAYENNE, chili pepper, red pepper, paprika, capsicum	CASSIA
<i>Capsicum annuum</i> L. var. <i>glabriusculum</i> (Dunal) Heiser &	see <i>Cinnamomum cassia</i>
Pickersgill	<i>Cassia acutifolia</i> Delile
Solanaceae	= <i>Senna alexandrina</i>
BIRD PEPPER	<i>Cassia angustifolia</i> Vahl
<i>Capsicum frutescens</i> L.	= <i>Senna alexandrina</i>
Solanaceae	<i>Cassia lanceolata</i> Royle
TABASCO PEPPER	= <i>Senna alexandrina</i>
	<i>Cassia obtusifolia</i> L.
	= <i>Senna obtusifolia</i>
	<i>Cassia senna</i> L.
	= <i>Senna alexandrina</i>
	<i>Cassia tora</i> L.
	= <i>Senna tora</i>

- cassis
 see *Ribes nigrum*
- Castanea dentata* (Marsh.) Borkh.
 Fagaceae
- AMERICAN CHESTNUT**
Castanea sativa Mill.
 Fagaceae
- SPANISH-CHESTNUT**
- CATAUBA**
 see *Erythroxylum catauba*
- Catharanthus roseus* (L.) G. Don
 Apocynaceae
- MADAGASCAR PERIWINKLE**
 catmint
 see *Nepeta cataria*
- CATNIP**
 see *Nepeta cataria*
- Caulophyllum thalictroides* Michx.
 Berberidaceae
- BLUE COHOSH**
- CAYENNE**
 see *Capsicum annuum* var.
 annuum
- Ceanothus americanus* L.
 Rhamnaceae
- NEW JERSEY -TEA**, Jersey-tea,
 redroot
- CEDAR, EASTERN RED**
 see *Juniperus virginiana*
- cedar, northern white
 see *Thuja occidentalis*
- cedar, swamp-
 see *Thuja occidentalis*
- cedarwood
 see *Juniperus virginiana*
- CELANDINE**
 see *Chelidonium majus*
- celandine, greater
 see *Chelidonium majus*
- CELERY**
 see *Apium graveolens*
- Centaurea cyanus* L.
 Asteraceae
- CORNFLOWER**, bachelor's-
 button, cyani-flowers
- Centaurium erythraea* Raf.
 Gentianaceae
- CENTAURY**, common centaury,
 lesser centaury
- CENTAURY**
 see *Centaurium erythraea*
- centaury, common
 see *Centaurium erythraea*
- centaury, lesser-
 see *Centaurium erythraea*
- Centella asiatica* (L.) Urban
 Apiaceae
- GOTU KOLA**
Cephaelis ipecacuanha (Brot.) Tussac
 Rubiaceae
- IPECAC**
Ceratonia siliqua L.
 Fabaceae
- CAROB**, St. John's-bread
Cereus grandiflorus (L.) P. Mill.
 = *Selenicereus grandiflorus*
- Cetraria islandica* (L.) Achar.
 Parmeliaceae
- ICELAND MOSS**
- CEYLON CINNAMON**
 see *Cinnamomum verum*

CHA-DE-BUGRE	<i>Chamomilla recutita</i> (L.) Rauschert = <i>Matricaria recutita</i>
see <i>Cordia salicifolia</i>	
<i>Chaenomeles lagenaria</i> (Loisel.)	<i>Chamomilla suaveolens</i> (Pursh) Rydb.
Koidzumi	Asteraceae
see <i>Chaenomeles speciosa</i>	
<i>Chaenomeles speciosa</i> (Sweet) Nakai	PINEAPPLE-WEEED
Rosaceae	<i>Changium smyrnoides</i> Wolff
FLOWERING QUINCE (MU-	Apiaceae
GUA), Chinese quince, mu-gua	
chai-hu	MING-DANG-SHEN
see <i>Bupleurum chinense</i>	
CHAI-HU (CHINESE	CHAPARRAL
THOROUGHWAX)	see <i>Larrea tridentata</i>
see <i>Bupleurum chinense</i>	
<i>Chamaelirium luteum</i> (L.) A. Gray	CHAPEAU DE COURO
Liliaceae	see <i>Echinodorus macrophyllus</i>
FALSE UNICORN ROOT,	
blazing-star, fairy-wand	CHASTETREE
<i>Chamaemelum nobile</i> (L.) All.	see <i>Vitex agnus-castus</i>
Asteraceae	chastetree berries
ENGLISH CHAMOMILE, Roman	see <i>Vitex agnus-castus</i>
chamomile	
<i>Chamaenerion angustifolium</i>	CHEKIANG FRITILLARY (ZHE-
= <i>Epilobium angustifolium</i>	BEI-MU)
<i>Chamaesyce hirta</i>	see <i>Fritillaria thunbergii</i>
= <i>Euphorbia pilulifera</i>	<i>Chelidonium majus</i> L.
CHAMOMILE, ENGLISH	Papaveraceae
see <i>Chamaemelum nobile</i>	
CHAMOMILE, GERMAN	CELANDINE, greater celandine
see <i>Matricaria recutita</i>	
chamomile, Hungarian	<i>Chelone glabra</i> L.
see <i>Matricaria recutita</i>	Scrophulariaceae
chamomile, Roman	
see <i>Chamaemelum nobile</i>	BALMONY
chamomile, true	
see <i>Matricaria recutita</i>	CHEN-PI
	see <i>Citrus reticulata</i>
	CHERRY BARK, WILD
	see <i>Prunus serotina</i> & <i>P. virginiana</i>
	cherry, wild black
	see <i>Prunus serotina</i>
	CHERVIL
	see <i>Anthriscus cerefolium</i>
	CHESTNUT, AMERICAN
	see <i>Castanea dentata</i>

CHESTNUT, SPANISH-

see *Castanea sativa*

CHIA

see *Salvia hispanica*

CHIA, CALIFORNIA

see *Salvia columbariae*

CHICKWEED

see *Stellaria media*

CHICORY

see *Cichorium intybus*

Chimaphila umbellata (L.) W. Barton

subsp. *cisatlantica* (Blake) Hultén

Pyrolaceae

PIPSISSEWA, prince's pine

CHINATREE (KU-LIAN-PI)

see *Melia azedarach*

CHINESE ASPARAGUS (TIAN-DONG)

see *Asparagus cochinchinensis*

CHINESE CLEMATIS (WEI-LING-XIAN)

see *Clematis chinensis*

Chinese cucumber

see *Trichosanthes kirilowii*

CHINESE DODDER (TU-SI)

see *Cuscuta chinensis*

Chinese ephedra (ma-huang)

see *Ephedra equisetina & E. sinica*

CHINESE GOLDTHREAD

(HUANG-LIAN)

see *Coptis chinensis*

CHINESE HAWTHORN (SHAN-ZHA)

see *Crataegus pinnatifida*

CHINESE MOTHERWORT SEEDS

(CHONG-WEI-ZI)

see *Leonurus tartaricus*

CHINESE MOTHERWORT (YI-MU-CAO)

see *Leonurus artemisia & L. tartaricus*

CHINESE-OLIVE , WHITE (QING-GUO)

see *Canarium album*

CHINESE RHUBARB (DA-HUANG)

see *Rheum officinale, R. palmatum, & R. tanguticum*

Chinese snakegourd

see *Trichosanthes kirilowii*

Chinese tea

see *Camellia sinensis*

CHINESE THOROUGHWAX (CHAI-HU)

see *Bupleurum chinense*

CHINESE YAM (SHAN-YAO)

see *Dioscorea opposita*

Chionanthus virginicus L.

Oleaceae

FRINGETREE**CHIVES**

see *Allium schoenoprasum*

Choenomeles lagenaria (Loisel.)

Koidzumi

= *Choenomeles speciosa*

Choenomeles speciosa (Sweet) Nakai

= *Choenomeles speciosa*

chokecherry

see *Prunus virginiana*

chong-wei-zi

see *Leonurus tarticus*

CHONG-WEI-ZI (CHINESE MOTHERWORT SEEDS)	<i>Cibotium barometz</i> (L.) J. Sm. Thyrsopteridaceae
see <i>Leonurus tarticus</i>	
chrysanthemum, florist's	SCYTHIAN LAMB (GOU-JI) <i>Cichorium intybus</i> L.
see <i>Dendranthema × morifolium</i>	Asteraceae
<i>Chrysanthemum parthenium</i> (L.)	CHICORY
Berhn.	CILANTRO
= <i>Tanacetum parthenium</i>	see <i>Coriandrum sativum</i>
<i>Chrysanthemum vulgare</i> (L.) Berhn.	<i>Cimicifuga foetida</i> L.
= <i>Tanacetum vulgare</i>	Ranunculaceae
<i>Chrysanthemum × morifolium</i> Ramat.	BUGBANE (SHENG-MA)
= <i>Dendranthema × morifolium</i>	<i>Cimicifuga racemosa</i> (L.) Nutt.
chuan-bei-mu	Ranunculaceae
see <i>Fritillaria cirrhosa</i>	BLACK COHOSH, black
CHUAN-BEI-MU (SICHUAN FRITILLARY)	snakeroot
see <i>Fritillaria cirrhosa</i>	cinchona
Chuan-dang	see <i>Cinchona</i> spp.
see <i>Codonopsis tangshen</i>	<i>Cinchona calisaya</i> Wedd.
CHUAN-DANG (CODONOPSIS)	Rubiaceae
see <i>Codonopsis tangshen</i>	QUININE, calisaya-bark, yellow
chuan-liang-zi	cinchona
see <i>Melia toosendan</i>	<i>Cinchona ledgeriana</i> Moens & Trimen
CHUAN-LIANG-ZI (SICHUAN-PAGODA-TREE)	Rubiaceae
see <i>Melia toosendan</i>	QUININE, yellow cinchona
chuan-niu-xi	<i>Cinchona officinalis</i> L.
see <i>Cyathula officinalis</i>	Rubiaceae
CHUAN-NIU-XI (CYATHULA)	QUININE, red cinchona
see <i>Cyathula officinalis</i>	<i>Cinchona pubescens</i> Vahl
chuan-xiong	Rubiaceae
see <i>Ligusticum chuanxiong</i>	QUININE, cinchona, red cinchona
CHUAN-XIONG (SICHUAN-LOVAGE)	cinchona, red
see <i>Ligusticum chuanxiong</i>	see <i>Cinchona officinalis</i>
	cinchona, yellow
	see <i>Cinchona ledgeriana</i>

<i>Cinnamomum camphora</i> (L.) J. Presl	<i>Citrus limonia</i> Osbeck
Lauraceae	Rutaceae
CAMPHOR	MANDARIN LIME, lemandarin
<i>Cinnamomum cassia</i> J. Presl	<i>Citrus reticulata</i> Blanco
Lauraceae	Rutaceae
CINNAMON, cassia	TANGERINE, [fruit] CHEN-PI
<i>Cinnamomum verum</i> J. Presl.	[dried rind], mandarin
Lauraceae	clary
CEYLON CINNAMON	see <i>Salvia sclarea</i>
<i>Cinnamomum zeylanicum</i>	CLARY SAGE
= <i>Cinnamomum verum</i>	see <i>Salvia sclarea</i>
CINNAMON	claw, devil's
see <i>Cinnamomum cassia</i>	see <i>Harpagophytum procumbens</i>
CINNAMON, CEYLON	CLEAVERS
see <i>Cinnamomum verum</i>	see <i>Galium aparine</i>
CINQUEFOIL	clematis, Chinese
see <i>Potentilla erecta</i>	see <i>Clematis chinensis</i>
cinquefoil leaf	<i>Clematis chinensis</i> Osbeck
see <i>Potentilla erecta</i>	Ranunculaceae
<i>Cistanche salsa</i> (C. A. Mey.) Beck	CHINESE CLEMATIS (WEI-LING-XIAN)
Orobanchaceae	clove
BROOMRAPE	see <i>Syzygium aromaticum</i>
<i>Citrus aurantifolia</i> (Christm.) Swingle	CLOVER, RED
Rutaceae	see <i>Trifolium pratense</i>
LIME	CLUB, DEVIL'S
<i>Citrus aurantium</i> L.	see <i>Oplopanax horridus</i>
Rutaceae	<i>Cnicus benedictus</i> L.
BITTER ORANGE, sour orange,	Asteraceae
Seville orange	BLESSED THISTLE, holy thistle
<i>Citrus bergamia</i> Risso & Poit.	CNIDIUM
Rutaceae	see <i>Cnidium monnierii</i>
BERGAMOT ORANGE	<i>Cnidium monnierii</i> (L.) Cuss.
<i>Citrus limon</i> (L.) N. L. Burm.	Apiaceae
Rutaceae	CNIDIUM (SHE-CHUANG-ZI)
LEMON	

CODONOPSIS	COLLINSONIA
see <i>Codonopsis pilosula</i> & <i>C. tangshen</i>	see <i>Collinsonia canadensis</i>
CODONOPSIS (CHUAN-DANG)	<i>Collinsonia canadensis</i> L.
see <i>Codonopsis tangshen</i>	Lamiaceae
CODONOPSIS (DANG-SHEN),	COLLINSONIA, stoneroot
see <i>Codonopsis pilosula</i>	
<i>Codonopsis pilosula</i> (Franch.)	COLTSFOOT
Nannfeldt	see <i>Tussilago farfara</i>
Campanulaceae	
CODONOPSIS (DANG-SHEN),	COMFREY
bellflower	see <i>Symphytum officinale</i>
<i>Codonopsis tangshen</i> Oliver	comfrey, common
Campanulaceae	see <i>Symphytum officinale</i>
CODONOPSIS (CHUAN-DANG), bellflower	COMFREY, RUSSIAN
	see <i>Symphytum X uplandicum</i>
COHOSH, BLACK	<i>Commiphora abyssinica</i>
see <i>Cimicifuga racemosa</i>	= <i>Commiphora madagascariensis</i>
COHOSH, BLUE	<i>Commiphora madagascariensis</i> Jacq.
see <i>Caulophyllum thalictroides</i>	Burseraceae
COIN-LEAVED DESMODIUM (GUANG-JING-QIAN-CAO)	ABYSSIAN MYRRH
see <i>Desmodium styracifolium</i>	<i>Commiphora molmol</i> Engl. ex Tschirch
<i>Coix lacryma-jobi</i> L.	Burseraceae
Poaceae	SOMALIAN MYRRH, gum myrrh
JOB'S TEARS	<i>Commiphora mukul</i> (Hook. ex Stocks) Engl.
COLA	Burseraceae
see <i>Cola acuminata</i> & <i>C. nitida</i>	GUGGUL
<i>Cola acuminata</i> (P. Beauv.) Schott. &	<i>Commiphora myrrha</i> (Nees) Engl.
Endl.	Burseraceae
Sterculiaceae	MYRRH, gum myrrh, common myrrh, hirabol myrrh
COLA, kola	common centaury
<i>Cola nitida</i> Schott. & Endl.	see <i>Centaurium erythraea</i>
Sterculiaceae	common echinacea
COLA, kola	see <i>Echinacea purpurea</i>

- COMMON PERIWINKLE**
see *Vinca minor*
- COMMON PLANTAIN**
see *Plantago major*
- coneflower, narrow-leaved purple
see *Echinacea angustifolia*
- coneflower, pale purple
see *Echinacea pallida*
- Convallaria majalis* L.
Liliaceae
- LILY-OF-THE-VALLEY**, lily of
the valley leaves
- Conyzia canadensis* (L.) Cronq.
Asteraceae
- CANADA-FLEABANE**
Coptis chinensis Franch.
Ranunculaceae
- CHINESE GOLDTHREAD**
(HUANG-LIAN)
Coptis groenlandica (Oed.) Fern.
Ranunculaceae
- GOLDTHREAD**, canker-root
Cordia salicifolia Cham.
Boraginaceae
- CHA-DE-BUGRE**
- CORDYCEPS**
see *Cordyceps sinensis*
- Cordyceps sinensis* (Berk.) Sacc.
Ascomycetes
- CORDYCEPS (DONG-CHONG-
ZIA-CAO)**
- CORIANDER**
see *Coriandrum sativum*
- Coriandrum sativum* L.
Apiaceae
- CORIANDER** [seed],
- CILANTRO** [leaf], culantro,
Chinese parsley,
cork tree, Amur
see *Phellodendron amurense*
- cork tree, Chinese
see *Phellodendron chinense*
- CORN**
see *Zea mays*
- cornel, Japanese
see *Cornus officinalis*
- CORNFLOWER**
see *Centaurea cyanus*
- cornsilk
see *Zea mays*
- Cornus officinalis* Sieb. & Zucc.
Cornaceae
- ASIATIC DOGWOOD (SHAN-
ZHU-YU)**, Asiatic Cornel,
Japanese cornel, dogwood fruit
corydalis tuber
see *Corydalis yanhusuo*
- Corydalis turtschaninovii* Bess. f.
yanhusuo Y.H. Chou et C.C. Hsü
= *Corydalis yanhusuo*
- CORYDALIS (YAN-HU-SUO)**
see *Corydalis yanhusuo*
- Corydalis yanhusuo* W.T. Wang.
Fumariaceae
- CORYDALIS (YAN-HU-SUO),**
corydalis tuber
Corylus avellana L.
Betulaceae
- EUROPEAN HAZEL**, European
filbert

<i>Corylus cornuta</i> Marsh.	<i>Crocus sativus</i> L.
Betulaceae	Iridaceae
BEAKED HAZEL , beaked filbert	SAFFRON , Spanish Saffron, true saffron
COTTON	CUBEB
see <i>Gossypium hirsutum</i>	see <i>Piper cubeba</i>
COTTON, LEVANT	cucumber, Chinese
see <i>Gossypium herbaceum</i>	see <i>Trichosanthes kirilowii</i>
cotton root bark	<i>Cullen corylifolia</i> (L.) Medicus
see <i>Gossypium herbaceum & G. hirsutum</i>	Fabaceae
couch grass	SCURFY-PEA (BU-GU-ZHI)
see <i>Elytrigia repens</i>	CULVERS -ROOT
COWSLIP	see <i>Leptandra virginica</i>
see <i>Primula veris</i>	CUMIN
CRAMP BARK	see <i>Cuminum cyminum</i>
see <i>Viburnum opulus</i>	<i>Cuminum cyminum</i> L.
CRANESBILL	Apiaceae
see <i>Geranium maculatum</i>	CUMIN
<i>Crataegus laevigata</i> (Poir.) DC.	<i>Cuphea balsamona</i> Cham. & Schlechtend.
Rosaceae	Lythraceae
ENGLISH HAWTHORN	SETE SANGRIAS
<i>Crataegus monogyna</i> Jacq.	<i>Curculigo orchiooides</i> Gaertn.
Rosaceae	Amaryllidaceae
ONESEED HAWTHORN	GOLDEN EYE-GRASS (XIAN-MAO)
<i>Crataegus oxyacantha</i> auct.	curcuma
= <i>Crataegus laevigata</i>	see <i>Curcuma aromatica, C. domestica, & C. longa</i>
<i>Crataegus pinnatifida</i> Bge.	<i>Curcuma aromatica</i> Salisbury
Rosaceae	Zingiberaceae
CHINESE HAWTHORN (SHAN-ZHA) , pinnate hawthorn, shan-zha	TURMERIC, curcuma
creosote bush	<i>Curcuma domestica</i> Valet.
see <i>Larrea tridentata</i>	Zingiberaceae
cress, pará	TURMERIC, curcuma
see <i>Spilanthes acmella</i>	
cress, Paraguay	
see <i>Spilanthes acmella</i>	

<i>Curcuma longa</i> L.	CYNANCHUM
Zingiberaceae	see <i>Cynanchum atratum</i>
TURMERIC, curcuma	<i>Cynanchum atratum</i> Bge.
<i>Curcuma zedoaria</i> (Berg.) Roscoe	Asclepidaceae
Zingiberaceae	CYNANCHUM (BAI-WEI)
ZEDOARY	CYNOMORIUM
CURRENT, BLACK	see <i>Cynomorium songaricum</i>
see <i>Ribes nigrum</i>	<i>Cynomorium songaricum</i> Rupr.
cuscuta, Chinese	Cynomoriaceae
see <i>Cuscuta chinensis</i>	CYNOMORIUM (SUO-YANG)
<i>Cuscuta chinensis</i> Lam.	cyperus
Cuscutaceae	see <i>Cyperus rotundus</i>
CHINESE DODDER (TU-SI),	<i>Cyperus rotundus</i> L.
Chinese cuscuta	Cyperaceae
cuscuta, Japanese	NUT GRASS, cyperus
see <i>Cuscuta japonica</i>	<i>Cytisus scoparius</i> (L.) Link
<i>Cuscuta japonica</i> Choisy	Fabaceae
Cuscutaceae	SCOTCH BROOM, broom,
JAPANESE DODDER (TU-SI),	broom tops
Japanese cuscuta	<i>Daemonorops draco</i> Blume
<i>Cyamopsis tetragonolobus</i> (L.)	Arecaceae
Taubert	DRAGON'S BLOOD (XUE-JIE),
Fabaceae	dragon's blood palm
GUAR GUM, guar	da-huang
cyani flowers	see <i>Rheum officinale, R.</i>
see <i>Centaurea cyanus</i>	<i>palmatum, & R. tanguticum</i>
CYATHULA	DA-HUANG (CHINESE RHUBARB)
see <i>Cyathula officinalis</i>	see <i>Rheum officinale, R.</i>
<i>Cyathula officinalis</i> Kuan.	<i>palmatum, & R. tanguticum</i>
Amaranthaceae	DAMASK ROSE
CYATHULA (CHUAN-NIU-XI)	see <i>Rosa damascena</i>
<i>Cymbopogon citratus</i> (DC. ex Nees)	DAMIANA
Stapf	see <i>Turnera diffusa</i> var.
Poaceae	<i>aphrodisiaca</i> & <i>Turnera diffusa</i>
LEMONGRASS, West Indian	var. <i>diffusa</i>
lemongrass, fever grass	

dan-shen	<i>Dendrobium nobile</i> Lindl.
see <i>Salvia miltiorrhiza</i>	
DAN-SHEN (RED-ROOTED SAGE)	
see <i>Salvia miltiorrhiza</i>	
DANDELION	
see <i>Taraxacum officinale</i>	
dang-gui	
<i>Angelica sinensis</i>	
dang-quai	
see <i>Angelica sinensis</i>	
dang-qui	
see <i>Angelica sinensis</i>	
dang-shen	
see <i>Codonopsis pilosula</i>	
DANG-SHEN (CODONOPSIS)	
see <i>Codonopsis pilosula</i>	
<i>Daucus carota</i> L.	
Apiaceae	
WILD CARROT , carrot, Queen	
Ann's-lace	
da-zao	
see <i>Ziziphus jujuba</i>	
DA-ZAO (JUJUBE)	
see <i>Ziziphus jujuba</i>	
dead nettle	
see <i>Lamium album</i>	
deadly nightshade	
see <i>Atropa belladonna</i>	
<i>Dendranthema × morifolium</i> (Ramat.)	
Tzelev	
Asteraceae	
MUM , florist's chrysanthemum,	
chrysanthemum	
DENDROBIUM	
see <i>Dendrobium nobile</i>	
	Orchidaceae
	DENDROBIUM (SHI-HU)
	desert-tea
	see <i>Ephedra nevadensis</i>
	DESMODIUM, COIN LEAVED
	(GUANG-JING-QIAN-CAO)
	see <i>Desmodium styracifolium</i>
	<i>Desmodium styracifolium</i> (Osbeck)
	Merr.
	Fabaceae
	COIN-LEAVED DESMODIUM
	(GUANG-JING-QIAN-CAO)
	DEVIL'S-CLAW
	see <i>Harpagophytum procumbens</i>
	DEVIL'S-CLUB
	see <i>Oplopanax horridus</i>
	di-gu-pi
	see <i>Lycium chinense</i>
	DI-GU-PI (LYCIUM BARK)
	see <i>Lycium chinense</i>
	DIGITALIS
	see <i>Digitalis purpurea</i>
	<i>Digitalis purpurea</i> L.
	Scrophulariaceae
	DIGITALIS, foxglove
	di-huang
	see <i>Rehmannia glutinosa</i>
	DI-HUANG (REHMANNIA)
	see <i>Rehmannia glutinosa</i>
	DILL
	see <i>Anethum graveolens</i>
	<i>Dimocarpus longan</i> Lour.
	Sapindaceae
	LONGAN

- Dioscorea batatas* Dcne.
= *Dioscorea opposita*
- Dioscorea opposita* Thunb.
Dioscoreaceae
CHINESE YAM (SHAN-YAO),
wild yam
- Dioscorea villosa* L.
Dioscoreaceae
WILD YAM
- Dipsacus asper* Wallich
Dipsacaceae
SICHUAN TEASEL (XU-DUAN)
- Dipsacus japonicus* Miq.
Dipsacaceae
JAPANESE TEASEL (XU-DUAN), nabe-na
- Dipteryx odorata* (Aubl.) Willd.
Fabaceae
TONKA, Dutch tonka bean, Dutch tonka
- Dipteryx oppositifolia* Willd.
Fabaceae
TONKA, English tonka bean,
English tonka
- DOCK, BROAD-LEAF**
see *Rumex obtusifolius*
- dock, curled
see *Rumex crispus*
- dock, prairie
see *Parthenium integrifolium*
- DOCK, YELLOW**
see *Rumex crispus*
- DODDER, CHINESE**
see *Cuscuta chinensis*
- dodder, Japanese
see *Cuscuta japonica*
- DOGBANE, SPREADING**
see *Apocynum androsaemifolium*
- DOG ROSE**
see *Rosa canina*
- DOGWOOD, ASIATIC (SHAN-ZHU-YU)**
see *Cornus officinalis*
- dong-chong-zia-cao
see *Cordyceps sinensis*
- DONG-CHONG-ZIA-CAO (CORDYCEPS)**
see *Cordyceps sinensis*
- dong-gua-pi
see *Benincasa hispida*
- DONG-GUA-PI (WAX GOURD)**
see *Benincasa hispida*
- DONG-QUAI**
see *Angelica sinensis*
- Dracontium foetidum* L.
= *Symplocarpus foetidus*
- DRAGON'S BLOOD (XUE-JIE)**
see *Daemonorops draco*
- Drynaria fortunei* (Kze.) J. Sm.
Polypodiaceae
DRYNARIA (GU-SUI-BU)
- DRYNARIA (GU-SUI-BU)**
see *Drynaria fortunei*
- Dryopteris filix-mas* (L.) Schott
Aspleniaceae
MALE FERN
- du-huo
see *Angelica pubescens*
- DU-HUO (PUBESCENT ANGELICA)**
see *Angelica pubescens*

- DULSE**
 see *Rhodymenia palmetta*
- dung, devil's
 see *Ferula assa-foetida*
- Dutch tonka bean
 see *Dipteryx odorata*
- du-zhong
 see *Eucommia ulmoides*
- DU-ZHONG (EUCOMMIA)**
 see *Eucommia ulmoides*
- DWARF LILYTURF ROOT (MAI-DONG)**
 see *Ophiopogon japonicus*
- DYER'S-BROOM**
 see *Genista tinctoria*
- DYER'S-WOAD**
 see *Isatis tinctoria*
- EASTERN RED CEDAR**
 see *Juniperus virginiana*
- East Indian sarsaparilla
 see *Hemidesmus indicus*
- echinacea
 see *Echinacea angustifolia*, *E. pallida*, & *E. purpurea*
- ECHINACEA ANGUSTIFOLIA**
 see *Echinacea angustifolia*
- Echinacea angustifolia* DC.
 Asteraceae
- ECHINACEA ANGUSTIFOLIA**, narrow-leaved echinacea,
 echinacea, Kansas snakeroot,
 narrow-leaved purple coneflower,
 echinacea, common
 see *Echinacea purpurea*
- echinacea, narrow-leaved
 see *Echinacea angustifolia*
- echinacea, pale-flowered
 see *Echinacea pallida*
- ECHINACEA PALLIDA**
 see *Echinacea pallida*
- Echinacea pallida* (Nutt.) Nutt.
 Asteraceae
- ECHINACEA PALLIDA**, pale-flowered echinacea, echinacea,
 pale purple coneflower
- ECHINACEA PURPUREA**
 see *Echinacea purpurea*
- Echinacea purpurea* (L.) Moench
 Asteraceae
- ECHINACEA PURPUREA**, common echinacea, echinacea,
 purple coneflower
- Echinocereus grandiflorus*
 = *Selenicereus grandiflorus*
- Echinodorus macrophyllus* M. Mich.
 Alismataceae
- CHAPEAU-DE-COURO**
- ECLIPTA**
 see *Eclipta prostrata*
- Eclipta alba*
 = *Eclipta prostrata*
- Eclipta prostrata* (L.) L.
 Asteraceae
- ECLIPTA**
- ECUADORIAN SARSAPARILLA**
 see *Smilax febrifuga*
- EDLER, AMERICAN**
 see *Sambucus canadensis*
- elder-berry
 see *Sambucus canadensis*
- ELDER, EUROPEAN**
 see *Sambucus nigra*

- elder-flower
 see *Sambucus canadensis* & *S. nigra*
ELECAMPANE
 see *Inula helenium*
ELECAMPANE, BRITISH
 see *Inula britannica*
ELECAMPANE, JAPANESE
 Inula japonica
Elettaria cardamomum (L.) Maton
 Zingiberaceae
CARDAMOM
ELEUTHERO
 see *Eleutherococcus senticosus*
Eleutherococcus senticosus (Rupr. et Maxim.) Maxim.
 Araliaceae
ELEUTHERO, Siberian ginseng,
 Ussurian thorny pepperbush
ELM, SLIPPERY
 see *Ulmus rubra*
Elytrigia repens (L.) Nevski
 Poaceae
TRITICUM, couch grass, dog
 grass, dog grass root, twitch grass
EMBLIC
 see *Phyllanthus emblica*
Emblica officinalis Gaertn.
 see *Phyllanthus emblica* L.
ENGLISH CHAMOMILE
 see *Chamaemelum nobile*
ENGLISH HAWTHORN
 see *Crataegus laevigata*
ENGLISH LAVENDER
 see *Lavandula angustifolia*
- English tonka bean
 see *Dipteryx oppositifolia*
EPHEDRA
 see *Ephedra distachya*
 ephedra, Chinese
 see *Ephedra sinica*, *E. equisetina*
 & *E. intermedia*.
Ephedra distachya L.
 Ephedraceae
EPHEDRA
Ephedra equisetina Bunge
 Ephedraceae
EPHEDRA (MA-HUANG),
 Chinese jointfir, ma huang,
 ephedra, Chinese ephedra
Ephedra gerardiana Wall. ex Stapf
 Ephedraceae
INDIAN JOINTFIR
Ephedra intermedia Schrenk et C. A.
 Meyer
 Ephedraceae
EPHEDRA (MA-HUANG), ma
 huang, Chinese ephedra
EPHEDRA (MA-HUANG)
 see *Ephedra sinica*, *E. equisetina*
 & *E. intermedia*.
Ephedra nevadensis S. Wats.
 Ephedraceae
MORMON TEA, Brigham-tea,
 desert tea
Ephedra sinica Stapf
 Ephedraceae
EPHEDRA (MA-HUANG),
 Chinese jointfir, ma huang,
 ephedra, Chinese ephedra

<i>Ephedra vulgaris</i> sensu Brandis	<i>Eriobotrya japonica</i> (Thunb.) Lindley
= <i>Ephedra gerardiana</i>	Rosaceae
<i>Epigaea repens</i> L.	LOQUAT
Ericaceae	<i>Eriodictyon californicum</i> (Hook. &
TRAILING-ARBUTUS , gravel	Arn.) Torr.
root	Hydrophyllaceae
<i>Epilobium angustifolium</i> L.	YERBA SANTA
Onagraceae	<i>Eriodictyon glutinosum</i> Benth.
FIREWEED , willowherb	= <i>Eriodictyon californicum</i>
<i>Epilobium parviflorum</i> Schreb.	<i>Eriodictyon tomentosum</i> Benth.
Onagraceae	Hydrophyllaceae
SMALL-FLOWERED WILLOW-	WOOLLY YERBA SANTA
HERB	
EPIMEDIUM	<i>Erythroxylum catauba</i> A. J. da Silva
see <i>Epimedium grandiflorum</i> & <i>E. macranthum</i>	ex Hamet
<i>Epimedium grandiflorum</i> C. Morr.	Erythroxylaceae
Berberidaceae	CATAUBA , golden trumpet
EPIMEDIUM , barrenwort	<i>Eschscholzia californica</i> Cham.
<i>Epimedium macranthum</i> Morr. &	Papaveraceae
Dcne.	CALIFORNIA POPPY
= <i>Epimedium grandiflorum</i>	
<i>Equisetum arvense</i> L.	EUCALEYPTUS
Equisetaceae	see <i>Eucalyptus globulus</i>
HORSETAIL , common horsetail,	<i>Eucalyptus globulus</i> Labill.
field horsetail, shave grass,	Myrtaceae
shavetail grass	EUCALEYPTUS , blue gum,
	Tasmanian blue gum, southern
	blue gum,
<i>Equisetum hyemale</i> L.	EUCOMMIA
Equisetaceae	see <i>Eucommia ulmoides</i>
SCOURING RUSH , rough	EUCOMMIA (DU-ZHONG)
horsetail	see <i>Eucommia ulmoides</i>
<i>Equisetum telmateia</i> Ehrh.	<i>Eucommia ulmoides</i> Oliver
Equisetaceae	Eucommiaceae
GIANT HORSETAIL , shave grass	EUCOMMIA (DU-ZHONG) ,
<i>Erigeron canadensis</i> L.	hardy rubber tree, du zhong
= <i>Conyza canadensis</i>	<i>Eugenia aromatica</i> (L.) Baill.
	= <i>Syzygium aromaticum</i>

<i>Eugenia caryophyllata</i> Thunb.	<i>Euryale ferox</i> Salib.
= <i>Syzygium aromaticum</i>	Nymphaeaceae
<i>Eugenia jambolana</i> Lam.	EURYALE SEED (QIAN-SHI)
= <i>Syzygium cumini</i>	EURYALE SEED
<i>Euodia rutaecarpa</i> J.D. Hook. ex Benth.	see <i>Euryale ferox</i>
Rutaceae	European barberry
EVODIA (WU-ZHU-YU)	see <i>Berberis vulgaris</i>
<i>Euonymus atropurpureus</i> Jacq.	EUROPEAN ELDER
Celastraceae	see <i>Sambucus nigra</i>
WAHOO, eastern burningbush	EUROPEAN GOLDENROD
<i>Eupatorium perfoliatum</i> L.	see <i>Solidago virgaurea</i>
Asteraceae	EUROPEAN HAZEL
BONESET, thoroughwort	see <i>Corylus avellana</i>
<i>Eupatorium purpureum</i> L.	EUROPEAN MISTLETOE
Asteraceae	see <i>Viscum album</i>
JOE-PYE, Joe-Pye-weed, queen-of-the-meadow, sweet Joe-Pye-weed, green-stemmed Joe-Pye-weed, gravel root	EUROPEAN PENNYROYAL
EUPHORBIA	see <i>Mentha pulegium</i>
see <i>Euphorbia pilulifera</i>	EUROPEAN PEONY
<i>Euphorbia hirta</i> L.	see <i>Paeonia officinalis</i>
= <i>Euphorbia pilulifera</i>	EUROPEAN SANICLE
<i>Euphorbia pilulifera</i> L.	see <i>Sanicula europaea</i>
Euphorbiaceae	EUROPEAN VERVAIN
EUPHORBIA, pill-bearing spurge	see <i>Verbena officinalis</i>
<i>Euphorbia longan</i> (Lour.) Steud.	EUROPEAN WHITE BIRCH
= <i>Dimocarpus longan</i>	see <i>Betula pendula</i>
<i>Euphrasia officinalis</i> L.	EVENING PRIMROSE
Scrophulariaceae	see <i>Oenothera biennis</i>
EYEBRIGHT	EVERLASTING, PEARLY
<i>Euphrasia rostkoviana</i> F. Hayne	see <i>Anaphalis margaritacea</i>
see <i>Euphrasia officinalis</i>	<i>Evernia furfuracea</i> (L.) W. Mann
	Usneaceae
	TREE MOSS
	<i>Evernia prunastri</i> (L.) Achar.
	Usneaceae
	OAKMOSS

EVODIA	<i>Ferula foetida</i> (Bunge) Regel
see <i>Euodia rutaecarpa</i>	
EVODIA (WU-ZHU-YU)	
see <i>Euodia rutaecarpa</i>	
<i>Evodia rutaecarpa</i> (Juss.) Benth.	
= <i>Euodia rutaecarpa</i>	
EYEBRIGHT	
see <i>Euphrasia officinalis</i>	
EYE-GRASS, GOLDEN (XIAN-MAO)	
see <i>Curculigo orchioides</i>	
false hellebore	
see <i>Veratrum viride</i>	
FALSE UNICORN ROOT	
see <i>Chamaelirium luteum</i>	
FANG-FENG	
see <i>Ledebouriella seseloides</i>	
fang-ji	
see <i>Stephania tetrandra</i>	
FANG-JI (STEPHANIA ROOT)	
see <i>Stephania tetrandra</i>	
fen-ke	
see <i>Pueraria thomsonii</i>	
FEN-KE (MEALY KUDZU)	
see <i>Pueraria thomsonii</i>	
FENNEL	
see <i>Foeniculum vulgare</i>	
FENUGREEK	
see <i>Trigonella foenum-graecum</i>	
fern, maidenhair	
see <i>Adiantum pedatum</i>	
FERN, MALE	
see <i>Dryopteris filix-mas</i>	
<i>Ferula assa-foetida</i> L.	
Apiaceae	
ASAFETIDA , devil's dung	
	FEVERFEW
	see <i>Tanacetum parthenium</i>
	FIGWORT
	see <i>Scrophularia marilandica & S. nodosa</i>
	filbert
	see <i>Corylus avellana & C. cornuta</i>
	filé
	see <i>Sassafras albidum</i>
	<i>Filipendula ulmaria</i> (L.) Maxim.
	Rosaceae
	MEADOWSWEET, queen-of-the-meadow
	fir, balsam
	see <i>Abies balsamea</i>
	fir needle, balsam
	see <i>Abies balsamea</i>
	FIREWEED
	see <i>Epilobium angustifolium</i> L.
	five flavor fruit
	see <i>Schisandra chinensis</i>
	FLAG, BLUE
	see <i>Iris versicolor & I. virginica</i>
	flag root, blue
	see <i>Iris versicolor & I. virginica</i>
	flag, sweet
	see <i>Acorus calamus</i>
	FLAX
	see <i>Linum usitatissimum</i>
	FLEABANE, CANADA
	see <i>Conyza canadensis</i>
	FLOWERING QUINCE (MU-GUA)
	see <i>Chaenomeles speciosa</i>

<i>Foeniculum vulgare</i> Mill.	FRANKINCENSE
Apiaceae	see <i>Boswellia carteri</i>
FENNEL	Fraxinus americana L.
FORSYTHIA	Oleaceae
see <i>Forsythia suspensa</i>	WHITE ASH
FORSYTHIA (LIAN-QIAO)	French psyllium
see <i>Forsythia suspensa</i>	see <i>Plantago arenaria</i>
<i>Forsythia suspensa</i> (Thunb.) Vahl	FRENCH ROSE
Oleaceae	see <i>Rosa gallica</i>
FORSYTHIA (LIAN-QIAO),	FRENCH TARRAGON
goldenbells	see <i>Artemisia dracunculus</i> L.
FO-TI	'Sativa'
see <i>Polygonum multiflorum</i>	FRINGETREE
FO-TI (HE-SHOU-WU)	see <i>Chionanthus virginicus</i>
see <i>Polygonum multiflorum</i>	<i>Fritillaria cirrhosa</i> D. Don.
<i>Fouquieria splendens</i> Engelm.	Liliaceae
Fouquieriaceae	SICHUAN FRITILLARY
OCOTILLO	(CHUAN-BEI-MU)
foxglove	<i>Fritillaria thunbergii</i> Miq.
see <i>Digitalis purpurea</i>	Liliaceae
<i>Fragaria vesca</i> L.	CHEKIANG FRITILLARY
Rosaceae	(ZHE-BEI-MU)
STRAWBERRY, alpine	FRITILLARY, CHEKIANG (ZHE-BEI-MU)
strawberry	see <i>Fritillaria thunbergii</i>
<i>Fragaria virginiana</i> Duchesne	FRITILLARY, SICHUAN(CHUAN-BEI-MU)
Rosaceae	see <i>Fritillaria cirrhosa</i>
STRAWBERRY, Virginian	<i>Fucus vesiculosus</i> L.
strawberry	Fucaceae
FRAGRANT ANGELICA (BAI-ZHI)	BLADDERWRACK, rockwrack
see <i>Angelica dahurica</i>	fu-ling
FRANGULA	see <i>Wolfiporia cocos</i>
see <i>Rhamnus frangula</i>	FU-LING (POLYPORUS)
<i>Frangula alnus</i> Mill.	see <i>Wolfiporia cocos</i>
= <i>Rhamnus frangula</i>	
<i>Frangula purshiana</i> (DC.) Cooper	
= <i>Rhamnus purshiana</i>	

fu-zi	GARDENIA FRUITS
see <i>Aconitum carmichaelii</i>	see <i>Gardenia jasminoides</i>
FU-ZI (ACONITE TUBER, PREPARED)	GARDENIA FRUITS (ZHI-ZI)
see <i>Aconitum carmichaelii</i>	see <i>Gardenia jasminoides</i>
GALANGAL, GREATER	<i>Gardenia jasminoides</i> Ellis
see <i>Alpinia galanga & Kaempferia galanga</i>	Rubiaceae
GALANGAL, LESSER	GARDENIA FRUITS (ZHI-ZI)
see <i>Alpinia officinarum</i>	
<i>Galium aparine</i> L.	GARLIC
Rubiaceae	see <i>Allium sativum</i>
CLEAVERS, goosegrass	GASTRODIA
<i>Galium odoratum</i> (L.) Scop.	see <i>Gastrodia elata</i>
Rubiaceae	GASTRODIA (TIAN-MA)
SWEET WOODRUFF, woodruff	see <i>Gastrodia elata</i>
<i>Galium verum</i> L.	<i>Gastrodia elata</i> Bl.
Rubiaceae	Orchidaceae
LADY'S BEDSTRAW, yellow bedstraw, our-Lady's- bedstraw	GASTRODIA (TIAN-MA)
GAMBIR	<i>Gaultheria procumbens</i> L.
see <i>Uncaria gambir</i>	Ericaceae
<i>Ganoderma lucidum</i> (Leyss. ex Fr.)	WINTERGREEN, tea berry
P. Karst.	<i>Gelidiella acerosa</i> (Forssk.) Feldm.
Ganodermataceae	Gelidiaceae
REISHI, ling chih, ling chih mushroom	AGAR , agarweed
gan-zao	<i>Gelidium amansii</i> J. V. Lamour.
see <i>Glycyrrhiza uralensis</i>	Gelidiaceae
GAN-ZAO (CHINESE LICORICE)	AGAR , agarweed
see <i>Glycyrrhiza uralensis</i>	<i>Gelidium cartilagineum</i> (L.) Gaill.
gao-ben	Gelidiaceae
see <i>Ligusticum sinense</i>	AGAR , agarweed
GAO-BEN (LIGUSTICUM)	<i>Gelidium crinale</i> (Turn.) J. V.
see <i>Ligusticum sinense</i>	Lamour.
	Gelidiaceae
	AGAR , agarweed
	<i>Gelidium divaricatum</i> G. Martens
	Gelidiaceae
	AGAR , agarweed

<i>Gelidium pacificum</i> Okam.	GERANIUM, ROSE
Gelidiaceae	see <i>Pelargonium graveolens</i>
AGAR , agarweed	geranium, wild
<i>Gelidium vagum</i> Okam.	see <i>Geranium maculatum</i>
Gelidiaceae	GERMAN CHAMOMILE
AGAR , agarweed	see <i>Matricaria recutita</i>
<i>Genista tinctoria</i> L.	GERMANDER
Fabaceae	see <i>Teucrium chamaedrys</i>
DYER'S-BROOM , dyer's-greenwood	GIANT HORSETAIL
GENTIAN	see <i>Equisetum telmateia</i>
see <i>Gentiana lutea</i>	GINGER
<i>Gentiana lutea</i> L.	see <i>Zingiber officinale</i>
Gentianaceae	ginger, Chinese
GENTIAN , yellow gentian	see <i>Alpinia officinarum</i>
<i>Gentiana macrophylla</i> Bge.	ginger, wild
Gentianaceae	see <i>Asarum canadense</i>
LARGE-LEAF GENTIAN (QIN-JIAO)	GINKGO
<i>Gentiana scabra</i> Bge.	see <i>Ginkgo biloba</i>
Gentianaceae	<i>Ginkgo biloba</i> L.
SCABROUS GENTIAN (LONG-DAN)	Ginkgoaceae
GENTIAN, LARGE-LEAF (QIN-JIAO)	GINKGO , maidenhair tree
see <i>Gentiana macrophylla</i>	ginseng
GENTIAN, SCABROUS (LONG-DAN)	see <i>Panax ginseng</i>
see <i>Gentiana scabra</i>	ginseng
gentian, yellow	see <i>Panax quinquefolius</i>
see <i>Gentiana lutea</i>	GINSENG, AMERICAN
<i>Geranium maculatum</i> L.	see <i>Panax quinquefolius</i>
Geraniaceae	ginseng, Chinese
CRANESBILL , wild geranium, alumroot	see <i>Panax ginseng</i>
	ginseng, Korean
	see <i>Panax ginseng</i>
	GINSENG, ORIENTAL
	see <i>Panax ginseng</i>
	ginseng, red
	see <i>Panax ginseng</i>

- ginseng, sanchi
 see *Panax notoginseng*
GINSENG, SAN-QI
 see *Panax notoginseng*
 ginseng, Siberian
 see *Eleutherococcus senticosus*
 ginseng, tienchi
 see *Panax notoginseng*
 glehnia
 see *Glehnia littoralis*
Glehnia littoralis Fr. Schmidt ex Miq.
 Apiaceae
GLEHNIA ROOT (BEI-SHA-SHEN), beach silvertop
GLEHNIA ROOT (BEI-SHA-SHEN)
 see *Glehnia littoralis*
Glycyrrhiza glabra L.
 Fabaceae
LICORICE
Glycyrrhiza uralensis Fisch. ex DC.
 Fabaceae
CHINESE LICORICE (GAN-ZAO)
 goldenbells
 see *Forsythia suspensa*
GOLDEN EYE-GRASS (XIAN-MAO)
 see *Curculigo orchioides*
GOLDENROD, EUROPEAN
 see *Solidago virgaurea*
GOLDENSEAL
 see *Hydrastis canadensis*
GOLDTHREAD
 see *Coptis groenlandica*
- GOLDTHREAD, CHINESE (HUANG-LIAN)**
 see *Coptis chinensis*
 goosegrass
 see *Galium aparine*
 go-qi-zi
 see *Lycium barbarum*
GO-QI-ZI (LYCIUM BERRIES)
 see *Lycium barbarum*
Gossypium herbaceum L.
 Malvaceae
LEVANT COTTON
Gossypium hirsutum L.
 Malvaceae
COTTON
GOTU KOLA
 see *Centella asiatica*
 gou-ji
 see *Cibotium barometz*
GOU-JI (SCYTHIAN LAMB)
 see *Cibotium barometz*
 grains-of-paradise
 see *Amomum melegueta*
 granadilla
 see *Passiflora laurifolia*
 granadilla, yellow
 see *Passiflora laurifolia*
 grapeholly, Oregon
 see *Mahonia aquifolium*, *M. nervosa*, & *M. repens*
GRAPE, OREGON
 see *Mahonia aquifolium*, *M. nervosa*, & *M. repens*
 grass, couch
 see *Elytrigia repens*

- grass, dog
 see *Elytrigia repens*
- grass, fever
 see *Cymbopogon citratus*
- GRASS-LEAVED CALAMUS (SHI-CHANG-PU)**
 see *Acorus gramineus*
- grass, nut
 see *Cyperus rotundus*
- grass, shave
 see *Equisetum arvense*
- grass, shavetail
 see *Equisetum arvense*
- grass, twitch
 see *Elytrigia repens*
- GRASS, WOOLLY (MAO-GEN)**
 see *Imperata cylindrica*
- grassy-leaved sweet-flag
 see *Acorus gramineus*
- gravel root
 see *Epigaea repens* & *Eupatorium purpureum*
- GREATER GALANGAL**
 see *Alpinia galanga* & *Kaempferia galanga*
- green tea
 see *Camellia sinensis*
- greenwood, dyer's-
 see *Genista tinctoria*
- grifolia
 see *Wolfiporia cocos*
- GRINDELIA**
 see *Grindelia robusta* & *G. squarrosa*
- Grindelia robusta* Nutt.
 Asteraceae
- GRINDELIA, gumweed**
 Grindelia squarrosa (Pursh) Dunal
 Asteraceae
- GRINDELIA, gumweed**
 gua-lou
 see *Trichosanthes kirilowii*
- GUA-LOU (TRICHOSANTHES FRUIT)**
 see *Trichosanthes kirilowii*
- guang-jing-qian-cao
 see *Desmodium styracifolium*
- GUANG-JING-QIAN-CAO (COIN-LEAVED DESMODIUM)**
 see *Desmodium styracifolium*
- guar
 see *Cyamopsis tetragonolobus*
- GUARANA**
 see *Paulinia cupana*
- GUAR GUM**
 see *Cyamopsis tetragonolobus*
- GUGGUL**
 see *Commiphora mukul*
- gum, blue
 see *Eucalyptus globulus*
- gum myrrh
 see *Commiphora molmol* & *C. myrrha*
- gum, southern blue
 see *Eucalyptus globulus*
- gum, Tasmanian blue
 see *Eucalyptus globulus*
- gumweed
 see *Grindelia robusta*

- gu-sui-bu
see *Drynaria fortunei*
- GU-SUI-BU (DRYNARIA)**
see *Drynaria fortunei*
- Hamamelis virginiana* L.
Hamamelidaceae
WITCH-HAZEL, witch-hazel leaf
hardy rubber tree
see *Eucommia ulmoides*
- Harpagophytum procumbens* DC. ex Meisn.
Pedaliaceae
DEVIL'S CLAW
- HAWTHORN, CHINESE**
see *Crataegus pinnatifida*
- HAWTHORN, ENGLISH**
see *Crataegus laevigata*
hawthorn, oneseed
see *Crataegus monogyna*
hawthorn, pinnate
see *Crataegus pinnatifida*
hazel, beaked
see *Corylus cornuta*
- HAZEL, EUROPEAN**
see *Corylus avellana*
- HEAL-ALL**
see *Prunella vulgaris* L.
healing-herb
see *Symphytum officinale*
- HEARTSEASE**
see *Viola tricolor*
- HEATHER**
see *Calluna vulgaris*
- Hedeoma pulegioides* (L.) Pers.
Lamiaceae
- AMERICAN PENNYROYAL**
- he-huan-hua
see *Albizia julibrissin.*
- HE-HUAN-HUA (SILK TREE)**
see *Albizia julibrissin.*
- he-huan-pi
see *Albizia julibrissin.*
- HE-HUAN-PI (SILK TREE) (**
see *Albizia julibrissin.*
- Helianthus annuus* L.
Asteraceae
SUNFLOWER
- heliotrope, garden
see *Valeriana officinalis*
- HELLEBORE, AMERICAN**
see *Veratrum viride*
hellebore, American white
see *Veratrum viride*
hellebore, false
see *Veratrum viride*
- Helonias dioica* Pursh
= *Chamaelirium luteum*
- HEMIDESMUS**
see *Hemidesmus indicus*
- Hemidesmus indicus* (L.) Schult.
Asclepiadaceae
- HEMIDESMUS, EAST INDIAN**
Sarsaparilla
- HEMP, INDIAN-**
see *Apocynum cannabinum*
- HENNA**
see *Lawsonia inermis*
- Hepatica acutiloba* DC.
= *Hepatica nobilis* var. *acuta*
- Hepatica americana* (DC.) Ker-Gawl.
= *Hepatica nobilis* var. *obtusa*

- Hepatica nobilis* Garsault var. *acuta*
 (Pursh) Steyermark
 Ranunculaceae
AMERICAN LIVERLEAF,
 liverwort herb
- Hepatica nobilis* Garsault var. *obtusa*
 (Pursh) Steyermark
 Ranunculaceae
AMERICAN LIVERLEAF,
 liverwort herb
- herb-of-grace
 see *Ruta graveolens*
- herb, Paraguayan sweet
 see *Stevia rebaudiana*
- Hercules'-club
 see *Zanthoxylum clava-herculis*
- he-shou-wu
 see *Polygonum multiflorum*
- HE-SHOU-WU (FO-TI)**
 see *Polygonum multiflorum*
- Heuchera micrantha* Douglas ex Lindl.
 Saxifragaceae
- ALUMROOT**
- HIBISCUS**
 see *Hibiscus sabdariffa*
- Hibiscus sabdariffa* L.
 Malvaceae
- HIBISCUS, roselle**
- HIGH MALLOW**
 see *Malva sylvestris*
- HIMALAYAN MAYAPPLE**
 see *Podophyllum hexandrum*
- HOARY PLANTAIN**
 see *Plantago media*
- holly, box
 see *Ruscus aculeatus*
- HOLLYHOCK**
 see *Alcea rosea*
- HONDURAN SARSAPARILLA**
 see *Smilax regelii*
- HONEYSUCKLE, JAPANESE**
 see *Lonicera japonica*
- HOPS**
 see *Humulus lupulus*
- Hordium vulgare* L.
 Poaceae
- BARLEY**
- HOREHOUND**
 see *Marrubium vulgare*
- HOREHOUND, BLACK**
 see *Ballota nigra*
- horehound, water
 see *Lycopus americanus & L.*
europaeus
- horehound, white
 see *Marrubium vulgare*
- horseheal
 see *Inula helenium*
- HORSEMINT**
 see *Monarda punctata*
- HORSERADISH**
 see *Armoracia rusticana*
- HORSETAIL**
 see *Equisetum arvense*
- horsetail, common
 see *Equisetum arvense*
- horsetail, field
 see *Equisetum arvense*
- HORSETAIL, GIANT**
 see *Equisetum telmateia*
- horsetail, rough
 see *Equisetum hyemale*

ho-shou-wu	<i>Humulus lupulus</i> L.
see <i>Polygonum multiflorum</i>	Cannabidaceae
hou-po	HOPS
see <i>Magnolia officinalis</i>	HYDRANGEA
HOU-PO (MAGNOLIA BARK)	see <i>Hydrangea arborescens</i>
see <i>Magnolia officinalis</i>	<i>Hydrangea arborescens</i> L.
huang-bai	Hydrangeaceae
see <i>Phellodendron amurense</i> & <i>P. chinense</i>	HYDRANGEA , wild hydrangea, seven barks
HUANG-BAI (PHELLODENDRON BARK)	<i>Hydrastis canadensis</i> L.
see <i>Phellodendron amurense</i> & <i>P. chinense</i>	Ranunculaceae
huang-jing	GOLDENSEAL , yellow puccoon
see <i>Polygonatum sibiricum</i>	<i>Hydrocotyle asiatica</i> L.
HUANG-JING (SIBERIAN SOLOMON'S SEAL)	= <i>Centella asiatica</i>
see <i>Polygonatum sibiricum</i>	<i>Hypericum perforatum</i> L.
huang-lian	Hypericaceae
see <i>Coptis chinensis</i>	ST. JOHN'S WORT
HUANG-LIAN (CHINESE GOLDTHREAD)	HYSSOP
see <i>Coptis chinensis</i>	see <i>Hyssopus officinalis</i>
huang-qì	<i>Hyssopus officinalis</i> L.
see <i>Astragalus membranaceus</i> & <i>Astragalus mongholicus</i>	Lamiaceae
HUANG-QI (ASTRAGALUS)	HYSSOP
see <i>Astragalus membranaceus</i> & <i>Astragalus mongholicus</i>	ICELAND MOSS
huang-qin	see <i>Cetraria islandica</i>
see <i>Scutellaria baicalensis</i>	<i>Ilex paraguariensis</i> St. Hil.
HUANG-QIN (BAIKAL SKULLCAP)	Aquifoliaceae
see <i>Scutellaria baicalensis</i>	MATÉ , yerba maté, Paraguay tea
huckleberry	<i>Illicium verum</i> J. D. Hook.
see <i>Vaccinium myrtillus</i>	Illiciaceae
	STAR ANISE
	IMMORTAL
	see <i>Asclepias asperula</i>
	<i>Imperata cylindrica</i> L.
	Poaceae
	WOOLLY GRASS (MAO-GEN)

INDIAN-HEMP	<i>Iris versicolor</i> L.
see <i>Apocynum cannabinum</i>	
INDIAN-JOINTFIR	<i>Iridaceae</i>
see <i>Ephedra gerardiana</i>	BLUE FLAG
Indian-turnip	<i>Iris virginica</i> L.
see <i>Arisaema triphyllum</i>	<i>Iridaceae</i>
INDIAN VALERIAN	BLUE FLAG
see <i>Valeriana wallichii</i>	<i>Isatis tinctoria</i> L.
INDIGO, WILD	<i>Brassicaceae</i>
see <i>Baptisia tinctoria</i>	DYER'S-WOAD, woad
<i>Inula britannica</i> L.	JABORANDI
Asteraceae	= <i>Pilocarpus jaborandi</i> , <i>P.</i>
BRITISH ELECAMPANE	<i>microphyllus</i> , & <i>P. pennatifolius</i>
FLOWERS (XUAN-FU-HUA)	<i>jaborandi</i> , Maranhao
<i>Inula helenium</i> L.	see <i>Pilocarpus microphyllus</i>
Asteraceae	<i>jaborandi</i> , Paraguay
ELECAMPANE, scabwort, alant,	see <i>Pilocarpus pennatifolius</i>
horseheal, yellow starwort	<i>jaborandi</i> , Pernambuco
<i>Inula japonica</i> Thunb.	see <i>Pilocarpus jaborandi</i>
Asteraceae	JACK-IN-THE-PULPIT
JAPANESE ELECAMPANE	see <i>Arisaema triphyllum</i>
FLOWERS (XUAN-FU-HUA)	JALAP
IPECAC	see <i>Ipomoea purga</i>
see <i>Cephaelis ipecacuanha</i>	JAMAICAN SARSAPARILLA
ipe roxo	see <i>Smilax ornata</i>
see <i>Tabebuia heptaphylla</i> & <i>T.</i>	JAPANESE APRICOT (WU-MEI)
<i>impetiginosa</i>	see <i>Prunus mume</i>
<i>Ipomoea purga</i> Hayne	JAPANESE ARISAEMA (TIAN-
Convolvulaceae	NAN-XING)
JALAP	see <i>Arisaema japonicum</i>
<i>Iris X germanica</i> L. 'Florentina'	JAPANESE ELECAMPANE
Iridaceae	FLOWERS (XUAN-FU-HUA)
ORRIS	see <i>Inula japonica</i>
<i>Iris X pallida</i> Lam. 'Dalmatica'	JAPANESE HONEYSUCKLE
Iridaceae	see <i>Lonicera japonica</i>
ORRIS	JAPANESE TEASEL (XU-DUAN)
	see <i>Dipsacus japonicus</i>

- JASMINE**
 see *Jasminum grandiflorum*
- jasmine, Catalonian
 see *Jasminum grandiflorum*
- jasmine, royal
 see *Jasminum grandiflorum*
- jasmine, Spanish-
 see *Jasminum grandiflorum*
- Jasminum grandiflorum* L.
 Oleaceae
- JASMINE**, Catalonian jasmine,
 royal jasmine, Spanish-jasmine
- JATAMANSI**
 see *Nardostachys jatamansi*
- Jersey tea
 see *Ceanothus americanus*
- jie-geng
 see *Platycodon grandiflorum*
- JIE-GENG (BALLOON-FLOWER)**
 see *Platycodon grandiflorum*
- jin-yin-hua
 see *Lonicera japonica*
- JOB'S TEARS**
 see *Coix lacryma-jobi*
- JOE-PYE**
 see *Eupatorium purpureum*
- Joe-Pye-weed
 see *Eupatorium purpureum*
- Joe-Pye-weed, green
 see *Eupatorium purpureum*
- Joe-Pye-weed, sweet
 see *Eupatorium purpureum*
- Johnny-jump-up
 see *Viola tricolor*
- jointfir, Chinese
 see *Ephedra sinica & E. equisetina*
- jointfir, Indian
 see *Ephedra gerardiana*
- Juglans cinerea* L.
 Juglandaceae
- BUTTERNUT**
Juglans nigra L.
 Juglandaceae
- BLACK WALNUT**
- JUJUBE**
 see *Ziziphus jujuba*
- jujube, Chinese
 see *Ziziphus jujuba*
- jujube dates
 see *Ziziphus jujuba*
- JUJUBE (DA-ZAO)**
 see *Ziziphus jujuba*
- JUJUBE SEEDS**
 see *Ziziphus spinosa*
- JUJUBE SEEDS (SUAN-ZAO-REN)**
 see *Ziziphus spinosa*
- jumbul
 see *Syzygium cumini*
- JUNIPER**
 see *Juniperus communis*
- juniper
 see *Juniper monosperma, J. osteosperma, & J. oxycedrus*
- JUNIPER, CADE**
 see *Juniperus oxycedrus*
- juniper, common
 see *Juniperus communis*
- JUNIPER, ONESEED**
 see *Juniperus monosperma*
- juniper, prickly
 see *Juniperus oxycedrus*

JUNIPER, UTAH	<i>Krameria argentea</i> Mart. ex Spreng.
see <i>Juniperus osteosperma</i>	
<i>Juniperus communis</i> L.	Krameriaceae
Cupressaceae	RHATANY, Brazilian rhatany,
JUNIPER, common juniper	Brazilian krameria
<i>Juniperus monosperma</i> (Engelm.)	krameria, Brazilian
Sarg.	see <i>Krameria argentea</i>
Cupressaceae	krameria, Peruvian
ONESEED JUNIPER, juniper	see <i>Krameria triandra</i>
<i>Juniperus osteosperma</i> (Torr.) Little	<i>Krameria triandra</i> Ruiz. & Pav.
Cupressaceae	Krameriaceae
UTAH JUNIPER, juniper	RHATANY, Peruvian rhatany,
<i>Juniperus oxycedrus</i> L.	Peruvian krameria
Cupressaceae	
CADE JUNIPER, prickly juniper,	KUDZU
juniper	see <i>Pueraria lobata</i>
<i>Juniperus virginiana</i> L.	KUDZU , MEALY (FEN-KE)
Cupressaceae	see <i>Pueraria thomsonii</i>
EASTERN RED CEDAR,	ku-lian-pi
cedarwood	see <i>Melia azedarach</i>
<i>Kaempferia galanga</i> L.	KU-LIAN-PI, (CHINATREE)
Zingiberaceae	see <i>Melia azedarach</i>
GREATER GALANGAL	ku-shen
KAVA KAVA	see <i>Sophora flavescens</i>
see <i>Piper methysticum</i>	KU-SHEN (SHRUBBY SOPHORA)
KELP	see <i>Sophora flavescens</i>
see <i>Nereocystis luetkeana</i> [Many	Lactuca quercina L.
other species are also used as	Asteraceae
kelp.]	WILD LETTUCE, wild lettuce
kinnickinnick	<i>Lactuca serriola</i> L.
see <i>Arctostaphylos uva-ursi</i>	Asteraceae
knotweed, Chinese	WILD LETTUCE, wild lettuce
see <i>Polygonum multiflorum</i>	<i>Lactuca virosa</i> L.
kola nut	Asteraceae
see <i>Cola acuminata & C. nitida</i>	LACTUCARIUM
	LACTUCARIUM
	see <i>Lactuca virosa</i>

lad's love	
see <i>Artemisia abrotanum</i>	
LADY'S BEDSTRAW	
see <i>Galium verum</i>	
LADY'S-MANTLE	
see <i>Alchemilla xanthochlora</i>	
<i>Lamium album</i> L.	
Lamiaceae	
WHITE NETTLE, dead nettle	
<i>lapacho colorado</i>	
see <i>Tabebuia heptaphylla</i>	
<i>lapacho morado</i>	
see <i>Tabebuia heptaphylla</i>	
LARGE-LEAF GENTIAN (QIN-JIAO)	
see <i>Gentiana macrophylla</i>	
LARGE-LEAVED LINDEN	
see <i>Tilia platyphyllos</i>	
<i>Larrea divaricata</i> auct. non Cav.	
= <i>Larrea tridentata</i>	
<i>Larrea mexicana</i> Moric.	
= <i>Larrea tridentata</i>	
<i>Larrea tridentata</i> (Sessé & Moc. ex DC.) Coville	
Zygophyllaceae	
CHAPARRAL, cresote bush	
laurel, Grecian	
see <i>Laurus nobilis</i>	
<i>Laurus nobilis</i> L.	
Lauraceae	
BAYLEAF, Grecian laurel, sweet bay,	
LAVANDIN	
see <i>Lavandula X intermedia</i>	
<i>Lavandula angustifolia</i> Mill.	
Lamiaceae	
	ENGLISH LAVENDER, common lavender, French lavender, (Note: English lavender from France is often traded as French Lavender).
	<i>Lavandula X intermedia</i> Emeric ex Loisel.
	Lamiaceae
	LAVANDIN
	<i>Lavandula latifolia</i> Medic.
	Lamiaceae
	spike, SPIKE LAVENDER
	<i>Lavandula stoechas</i> L.
	Lamiaceae
	SPANISH-LAVENDER
	lavender, common
	see <i>Lavandula angustifolia</i>
	LAVENDER, ENGLISH
	see <i>Lavandula angustifolia</i>
	lavender, French
	see <i>Lavandula angustifolia</i>
	LAVENDER, SPANISH-
	see <i>Lavandula stoechas</i>
	LAVENDER, SPIKE
	see <i>Lavandula latifolia</i>
	<i>Lawsonia alba</i> Lam.
	= <i>Lawsonia inermis</i>
	<i>Lawsonia inermis</i> L.
	Lythraceae
	HENNA
	<i>Ledebouriella divaricata</i>
	see <i>Ledebouriella seseloides</i>
	<i>Ledebouriella seseloides</i> (Hoffm.) Wolff
	Apiaceae
	FANG-FENG

- Lemandarin
 see *Citrus limonia*
- LEMON**
 see *Citrus limon*
- LEMON BALM**
 see *Melissa officinalis*
- LEMONGRASS**
 see *Cymbopogon citratus*
- lemongrass, West Indian
 see *Cymbopogon citratus*
- LEMON THYME**
 see *Thymus X citriodorus*
- LEMON VERBENA**
 see *Aloysia triphylla*
- Lentinus edodes* (Berk.) Singer
 Polyporaceae
- SHIITAKE**, shiitake mushroom
- Leonurus artemisia* (Lour.) S.Y. Hu
 Lamiaceae
- CHINESE MOTHERWORT (YI-MU-CAO)**
Leonurus cardiaca L.
 Lamiaceae
- MOTHERWORT**, common motherwort
Leonurus heterophyllus Sweet
 = *Leonurus artemisia*
- Leonurus tarticus* L
 Lamiaceae
- CHINESE MOTHERWORT**
SEED (CHONG-WEI-ZI), CHINESE MOTHERWORT (YI-MU-CAO)
Leptandra virginica (L.) Nutt.
 Scrophulariaceae
- CULVERS-ROOT**, blackroot
- LESSER GALANGAL**
 see *Alpinia officinarum*
- LETTUCE, WILD**
 see *Lactuca quercina & L. serriola*
- LEVANT COTTON**
 see *Gossypium herbaceum*
Levisticum officinale W. Koch
 Apiaceae
- LOVAGE**
 lian-qiao
 see *Forsythia suspensa*
- LIAN-QIAO (FORSYTHIA)**
 see *Forsythia suspensa*
- LICORICE**
 see *Glycyrrhiza glabra*
- LICORICE, CHINESE**
 see *Glycyrrhiza uralensis*
- life-everlasting
 see *Anaphalis margaritacea*
- LIGUSTICUM**
 see *Ligusticum sinense*
Ligusticum chuanxiong Hort.
 Apiaceae
- SICHUAN LOVAGE (CHUAN-XIONG)**
Ligusticum porteri J. M. Coulter & J. N. Rose
 Apiaceae
- OSHA**
Ligusticum sinense Lour.
 Apiaceae
- LIGUSTICUM (GAO-BEN)**
Ligusticum wallichii auct. sin. non. Franch.
 see *Ligusticum chuanxiong*

- ligustrum fruits
 see *Ligustrum lucidum*
Ligustrum lucidum W. T. Aiton
 Oleaceae
LIGUSTRUM FRUITS (NU-ZHEN-ZI), glossy privet
Lilium brownii F. E. Br.
 Liliaceae
BROWN'S LILY (BAI-HE)
LILY, BROWN'S
 see *Lilium brownii*
LILY-OF-THE-VALLEY
 see *Convallaria majalis*
LIME
 see *Citrus aurantifolia*
LIME, MANDARIN LIME
 see *Citrus limonia*
LINDEN
 see *Tilia × europaea*
 linden, European
 see *Tilia × europaea*
LINDEN, LARGE-LEAVED
 see *Tilia platyphyllos*
 ling-chih
 see *Ganoderma lucidum*
 ling-chih mushroom
 see *Ganoderma lucidum*
Linum usitatissimum L.
 Linaceae
FLAX
Lippia citriodora Kunth
 = *Aloysia triphylla*
Liriosma ovata Miers.
 Olacaceae
MUIRA PUAMA, puama
- LIVERLEAF, AMERICAN**
 see *Hepatica nobilis* var. *acuta* & var. *obtusa*
 liverwort herb
 see *Hepatica nobilis* var. *acuta* & *H. nobilis* var. *obtusa*
LOBELIA, BLUE
 see *Lobelia siphilitica*
 lobelia, great blue
 see *Lobelia siphilitica*
Lobelia inflata L.
 Campanulaceae
LOBELIA, Indian tobacco, puke weed
Lobelia siphilitica L.
 Campanulaceae
BLUE LOBELIA, great blue lobelia
LOMATIUM
 see *Lomatium dissectum*
Lomatium dissectum (Nutt.) Math. & Const.
 Apiaceae
LOMATIUM
LONGAN
 see *Dimocarpus longan*
LONG BUCHU
 see *Barosma serratifolia*
 long-dan
 see *Gentiana scabra*
LONG-DAN (SCABROUS GENTIAN)
 see *Gentiana scabra*
Lonicera japonica Thunb.
 Caprifoliaceae
JAPANESE HONEYSUCKLE,

Japanese honeysuckle flowers (jin yin hua), Japanese honeysuckle stems (ren dong teng)	<i>Lycopus virginicus</i> L. Lamiaceae BUGLEWEED
LOQUAT see <i>Eriobotrya japonica</i>	MACE see <i>Myristica fragrans</i>
LOTUS see <i>Nelumbo nucifera</i>	MADAGASCAR PERIWINKLE see <i>Catharanthus roseus</i>
LOVAGE see <i>Levisticum officinale</i>	MA-DOU-LING (fruit) see <i>Aristolochia contorta</i> & <i>Aristolochia debilis</i>
LOVAGE, SICHUAN see <i>Ligusticum chuanxiong</i>	MAGNOLIA BARK (HOU-PO) see <i>Magnolia officinalis</i> <i>Magnolia liliiflora</i> Desr. Magnoliaceae
LUNGWORT see <i>Pulmonaria officinalis</i>	RED MAGNOLIA (XIN-YI) <i>Magnolia officinalis</i> Rehd. et Wils. Magnoliaceae
LUO-HAN-GUO see <i>Siraitia grosvenorii</i>	MAGNOLIA BARK (HOU-PO) MAGNOLIA, RED (XIN-YI)
<i>Lycium barbarum</i> L. Solanaceae	<i>Magnolia liliiflora</i> <i>Magnolia virginiana</i> L. Magnoliaceae
LYCIUM BERRIES (GO-QI-ZI), barbary matrimony vine	SWEETBAY <i>Mahonia aquifolium</i> (Pursh) Nutt. Berberidaceae
LYCIUM BARK see <i>Lycium chinense</i>	OREGON GRAPE, Oregon grapeholly, Oregon barberry
LYCIUM BERRIES see <i>Lycium barbarum</i>	<i>Mahonia nervosa</i> (Pursh) Nutt. Berberidaceae
<i>Lycium chinense</i> Mill. Solanaceae	OREGON GRAPE, Oregon grapeholly, Oregon barberry
LYCIUM BARK (DI-GU-PI), Chinese matrimony vine	<i>Mahonia repens</i> (Lindl.) G. Don Berberidaceae
<i>Lycopus americanus</i> Muhl. ex W. Barton Lamiaceae	OREGON GRAPE, Oregon grapeholly, Oregon barberry
AMERICAN BUGLEWEED, water horehound	
<i>Lycopus europaeus</i> L. Lamiaceae	
EUROPEAN BUGLEWEED, water horehound	

- ma-huang
 see *Ephedra sinica*, *E. equisetina*
 & *E. intermedia*.
- MA-HUANG, (EPHEDRA)**
 see *Ephedra sinica*, *E. equisetina*
 & *E. intermedia*.
- MAIDENHAIR FERN**
 see *Adiantum pedatum*
- mai-dong
 see *Ophiopogon japonicus*
- MAI-DONG (DWARF LILYTURF ROOT)**
 see *Ophiopogon japonicus*
- maize
 see *Zea mays*
- MALE FERN**
 see *Dryopteris filix-mas*
- MALLOW, HIGH**
 see *Malva sylvestris*
- malva
 see *Malva sylvestris*
- Malva sylvestris* L.
 Malvaceae
 HIGH MALLOW, malva
- mandarin
 see *Citrus reticulata*
- Mandarin lime
 see *Citrus limonia*
- Mandragora officinarum* L.
 Solanaceae
 MANDRAKE
- MANDRAKE**
 see *Mandragora officinarum*
- mandrake, American
 see *Podophyllum peltatum*
- MANTLE, LADY'S**
 see *Alchemilla xanthochlora*
- mao-gen
 see *Imperata cylindrica*
- MAO-GEN (WOOLLY GRASS)**
 see *Imperata cylindrica*
- Maranta arundinacea* L.
 Marantaceae
- ARROWROOT**
- marigold, poet's
 see *Calendula officinalis*
- marigold, pot
 see *Calendula officinalis*
- MARJORAM, SWEET**
 see *Origanum majorana*
- Marrubium vulgare* L.
 Lamiaceae
- HOREHOUND, white horehound**
- MARSHMALLOW**
 see *Althaea officinalis*
- MATÉ**
 see *Ilex paraguariensis*
- Matricaria chamomilla* L. pro parte
 = *Matricaria recutita*
- Matricaria recutita* L.
 Asteraceae
- GERMAN CHAMOMILE,**
 Hungarian chamomile, true
 chamomile
- matrimony vine, barbary
 see *Lycium barbarum*
- matrimony vine, Chinese
 see *Lycium chinense*
- MAYAPPLE**
 see *Podophyllum peltatum*

- MAYAPPLE, HIMALAYAN**
see *Podophyllum hexandrum*
- maypop
see *Passiflora incarnata*
- MEADOWSWEET**
see *Filipendula ulmaria*
- MEALY KUDZU (FEN-KE)**
see *Pueraria thomsonii*
- Medicago sativa* L.
Fabaceae
- ALFALFA**
- Melaleuca alterniflora* (Maiden & Betche) Cheel
Myrtaceae
- TEA TREE**
- Melia azedarach* L.
Meliaceae
- CHINATREE (KU-LIAN-PI)**
- Melia toosendan* Sieb. & Zucc.
Meliaceae
- SICHUAN-PAGODA-TREE (CHUAN-LIANG-ZI)**
- Melissa officinalis* L.
Lamiaceae
- LEMON BALM, balm**
- Mentha × piperita* L.
Lamiaceae
- PEPPERMINT**
- Mentha pulegium* L.
Lamiaceae
- EUROPEAN PENNYROYAL**
- Mentha spicata* L.
Lamiaceae
- SPEARMINT**
- Menyanthes trifoliata* L.
Menyanthaceae
- BOGBEAN**
- MEXICAN SARSAPARILLA**
see *Smilax medica*
- MEXICAN VALERIAN**
see *Valeriana edulis* subsp. *procera*
- MICROCOS LEAVES**
see *Microcos nervosa*
- Microcos nervosa* (Lour.) S. Y. Hu
Tiliaceae
- MICROCOS LEAVES (BU-ZA-YE)**
- milfoil
see *Achillea millefolium*
- MIL-HOMENS**
see *Aristolochia cymbifera*
- MILK THISTLE**
see *Silybum marianum*
- Mimosa tree
see *Albizia julibrissin*
- MING-DANG-SHEN**
see *Changium smyrnoides*
- MISSOURI SNAKEROOT**
see *Parthenium integrifolium*
- MISTLETOE, AMERICAN**
see *Phoradendron leucarpum*
- MISTLETOE, EUROPEAN**
see *Viscum album*
- Mitchella repens* L.
Rubiaceae
- SQUAWVINE, partridge berry**
- Momordica grosvenorii* Swingle
see: *Siraitia grosvenorii*

<i>Monarda clinopodia</i> L.	mu-dan-pi
Lamiaceae	see <i>Paeonia suffruticosa</i>
BEEBALM , wild bergamot	MU-DAN-PI (TREE PEONY BARK)
<i>Monarda didyma</i> L.	see <i>Paeonia suffruticosa</i>
Lamiaceae	mu-gua
OSWEGO TEA , Oswego	see <i>Chaenomeles speciosa</i>
beebalm, beebalm	MU-GUA (FLOWERING QUINCE)
<i>Monarda fistulosa</i> L.	see <i>Chaenomeles speciosa</i>
Lamiaceae	MUGWORT
WILD BERGAMOT , beebalm	see <i>Artemisia vulgaris</i>
<i>Monarda pectinata</i> Nutt.	MUGWORT, WESTERN
Lamiaceae	see <i>Artemisia douglasiana</i>
SPOTTED BEEBALM	MUGWORT, WHITE
<i>Monarda punctata</i> L.	see <i>Artemisia lactiflora</i>
Lamiaceae	MUIRA PUAMA
HORSEMINT	see <i>Liriosma ovata, Ptychopetalum olacoides, & P. uncinatum</i>
MORINDA	MULBERRY, WHITE
see <i>Morinda officinalis</i>	see <i>Morus alba</i>
<i>Morinda officinalis</i> How	mullein
Rubiaceae	see <i>Verbascum thapsus</i>
MORINDA (BA-JI-TIAN)	MUM
MORMON TEA	see <i>Dendranthema × morifolium</i>
see <i>Ephedra nevadensis</i>	MUSTARD, BLACK
<i>Morus alba</i> L.	see <i>Brassica nigra</i>
Moraceae	mustard, brown
WHITE MULBERRY	see <i>Brassica nigra</i>
MOSS, ICELAND	MUSTARD, WHITE
see <i>Cetraria islandica</i>	see <i>Sinapis alba</i>
MOTHERWORT	mustard, yellow
see <i>Leonurus cardiaca</i>	see <i>Sinapis alba</i>
MOTHERWORT, CHINESE (YI-MU-CAO)	mu-xiang
see <i>Leonurus artemisia & L. tarticus</i>	see <i>Saussurea lappa</i>
motherwort, common	MU-XIANG (COSTUS)
see <i>Leonurus cardiaca</i>	see <i>Saussurea lappa</i>

<i>Myrcia sphaerocarpa</i> DC.	myrrh, gum
Myrtaceae	see <i>Commiphora molmol</i> & C.
PEDRA HUME CAA	<i>myrrha</i>
<i>Myrica cerifera</i> L.	myrrh, hirabol
Myricaceae	see <i>Commiphora myrrha</i>
SOUTHERN BAYBERRY,	MYRRH, SOMALIAN
bayberry, wax myrtle	see <i>Commiphora molmol</i>
<i>Myrica pensylvanica</i> Lois.	myrtle, wax
Myricaceae	see <i>Myrica cerifera</i>
BAYBERRY	nabe-na
<i>Myristica fragrans</i> Houtt.	see <i>Dipsacus japonicus</i>
Myristicaceae	nan-sha-shen
NUTMEG [seed]	see <i>Adenophora tetraphylla</i> & A.
MACE [aril]	<i>stricta</i>
MYROBALAN, BELLERIC	NAN-SHA-SHEN (ADENOPHORA)
see <i>Terminalia bellerica</i>	see <i>Adenophora tetraphylla</i> & A.
<i>Myroxylon balsamum</i> (L.) Harms var.	<i>stricta</i>
<i>balsamum</i>	nard
Fabaceae	see <i>Nardostachys jatamansi</i>
TOLU BALSAM , tolu, opobalsam	<i>Nardostachys jatamansi</i> (D. Don) DC.
<i>Myroxylon balsamum</i> (L.) Harms var.	Valerianaceae
<i>pereirae</i> (Royle) Harms	JATAMANSI , nard
Fabaceae	narrow-leaved echinacea
BALSAM-OF-PERU	see <i>Echinacea angustifolia</i>
<i>Myroxylon toluiferum</i> Humb., Bonpl.	<i>Nasturtium officinale</i> R. Br.
& Kunth	Brassicaceae
= <i>Myroxylon balsamum</i> var.	WATERCRESS
<i>balsamum</i>	<i>Nelumbo nucifera</i> Gaertn.
MYRRH	Nymphaeaceae
see <i>Commiphora myrrha</i>	LOTUS
MYRRH, ABYSSINIAN	<i>Nepeta cataria</i> L.
see <i>Commiphora madagascariensis</i>	Lamiaceae
myrrh, common	CATNIP , catmint
see <i>Commiphora myrrha</i>	<i>Nephelium longana</i> (Lam.) Cam.
	see <i>Dimocarpus longan</i>

- Nereocystis luetkeana* (Mert.) Postels & Rupr.
Lessoniaceae
KELP [Many other species are also used as kelp.]
- nettle
see *Urtica dioica*
- nettle, dead
see *Lamium album*
- NETTLE, STINGING
see *Urtica dioica*
- NETTLE, WHITE
see *Lamium album*
- NEW JERSEY TEA
see *Ceanothus americanus*
- NIGHT-BLOOMING CEREUS
see *Selenicereus grandiflorus*
- nightshade, deadly
see *Atropa belladonna*
- NORTHERN PRICKLY-ASH
see *Zanthoxylum americanum*
- NOTOPTERYGIUM
see *Notopterygium incisum*
- Notopterygium incisum* Ting ex H. T.
Chang
Apiaceae
- NOTOPTERYGIUM (QIANG-HUO)
nui-xi
see *Achyranthes bidentata*
- NUI-XI (ACHYRANTHES)
see *Achyranthes bidentata*
- NUTMEG
see *Myristica fragrans*
- nu-zhen-zi
see *Ligustrum lucidum*
- NU-ZHEN-ZI (LIGUSTRUM FRUITS)
see *Ligustrum lucidum*
- oak bark, white
see *Quercus alba*
- OAKMOSS
see *Evernia prunastri*
- OAK, WHITE
see *Quercus alba*
- OAT, WILD
see *Avena fatua*
- OATS
see *Avena sativa*
- Ocimum basilicum* L.
Lamiaceae
BASIL, sweet basil
- OCOTILLO
see *Fouquieria splendens*
- Oenothera biennis* L.
Onagraceae
EVENING PRIMROSE
old man's beard
see *Usnea barbata*
- olibanum
see *Boswellia carteri*
- ONESEED HAWTHORN
see *Crataegus monogyna*
- ONESEED JUNIPER
see *Juniperus monosperma*
- Ophiopogon japonicus* (L. fil.) Ker-Gawl.
Liliaceae
DWARF-LILYTURF ROOT (MAI-DONG)

<i>Oplopanax horridus</i> (Sm.) Miq.	OSHA
Araliaceae	see <i>Ligusticum porteri</i>
DEVIL'S CLUB	OSWEGO TEA
opobalsam	see <i>Monarda didyma</i>
see <i>Myroxylon balsamum</i> var. <i>balsamum</i>	OVATE BUCHU
ORANGE, BERGAMOT	see <i>Barosma crenulata</i>
see <i>Citrus bergamia</i>	PACIFIC VALERIAN
ORANGE, BITTER	see <i>Valeriana sitchensis</i>
see <i>Citrus aurantium</i>	<i>Paeonia albiflora</i> Pall.
orange, Seville	= <i>Paeonia lactiflora</i>
see <i>Citrus aurantium</i>	<i>Paeonia lactiflora</i> Pall.
orange, sour	Paeoniaceae
see <i>Citrus aurantium</i>	WHITE PEONY ROOT (BAI-
OREGANO	SHAO) , common garden peony,
see <i>Origanum vulgare</i> subsp.	peony,
<i>hirtum</i>	white peony
OREGON GRAPE	<i>Paeonia officinalis</i> L.
see <i>Mahonia aquifolium</i> , <i>M.</i> <i>nervosa</i> , & <i>M. repens</i>	Paeoniaceae
ORIENTAL ARBORVITAE (BAI-ZI-	EUROPEAN PEONY , piney,
REN)	peony
see <i>Platycladus orientalis</i>	<i>Paeonia suffruticosa</i> Andr.
ORIENTAL GINSENG	Paeoniaceae
see <i>Panax ginseng</i>	TREE PEONY BARK (MU-
<i>Origanum majorana</i> L.	DAN-PI) , tree peony
Lamiaceae	pale-flowered echinacea
SWEET MARJORAM	see <i>Echinacea pallida</i>
<i>Origanum vulgare</i> L. subsp. <i>hirtum</i>	palm, dragon's blood
(Link) Ietswaart	see <i>Daemonorops draco</i>
Lamiaceae	PALMETTO, SAW
OREGANO	see <i>Serenoa repens</i>
ORRIS	<i>Panax ginseng</i> C. A. Mey.
see <i>Iris x germanica</i> 'Florentina'	Araliaceae
and <i>Iris x pallida</i> Lam. 'Dalmatica'	ORIENTAL GINSENG , Chinese
	ginseng, Korean ginseng, ginseng
	<i>Panax notoginseng</i> (Burk.) F.H. Chen
	Araliaceae

SAN-QI GINSENG, tienchi, tienchi ginseng, sanchi ginseng	partridge berry see <i>Mitchella repens</i>
<i>Panax quinquefolium</i> = <i>Panax quinquefolius</i>	<i>Passiflora incarnata</i> L. Passifloraceae
<i>Panax quinquefolius</i> L. Araliaceae	PASSIONFLOWER , wild passionflower, maypop
AMERICAN GINSENG	<i>Passiflora laurifolia</i> L. Passifloraceae
<i>Panax pseudo-ginseng</i> Wallich = <i>Panax notoginseng</i>	YELLOW GRANADILLA
<i>Panax schinseng</i> Nees = <i>Panax ginseng</i>	PASSIONFLOWER see <i>Passiflora incarnata</i> passionflower, wild
pansy, European wild see <i>Viola tricolor</i>	see <i>Passiflora incarnata</i>
<i>Papaver somniferum</i> L. Papaveraceae	PATA DE VACA see <i>Bauhinia forficata</i>
POPPYSEED, opium poppy	patchouly see <i>Pogostemon cablin</i>
PAPAYA see <i>Carica papaya</i>	PAU D'ARCO see <i>Tabebuia heptaphylla</i> & <i>T. impetiginosa</i>
paprika see <i>Capsicum annuum</i> var. <i>annuum</i>	<i>Paullinia cupana</i> Humb., Bonpl. & Kunth. Sapindaceae
<i>Parietaria diffusa</i> Mert. & W. Koch Urticaceae	GUARANA <i>Pausinystalia yohimba</i> Pierre ex Beille Rubiaceae
PELLITORY-OF-THE-WALL	YOHIMBE
<i>Parietaria officinalis</i> L. Urticaceae	PEACH see <i>Prunus persica</i>
PELLITORY-OF-THE-WALL	peach tree bark or leaves see <i>Prunus persica</i>
PARSLEY see <i>Petroselinum crispum</i>	PEARLY EVERLASTING see <i>Anaphalis margaritacea</i>
parsley, Chinese see <i>Coriandrum sativum</i>	PEA, SCURFY (BU-GU-ZHI) see <i>Cullen corylifolia</i>
<i>Parthenium integrifolium</i> L. Asteraceae	
MISSOURI SNAKEROOT, prairie dock	

- pedra hume caa
see *Myrcia sphaerocarpa*

Pelargonium graveolens L'Hér. ex Aiton
Geraniaceae

ROSE GERANIUM

PELLITORY-OF-THE-WALL
see *Parietaria diffusa* & *P. officinalis*

PENNYROYAL, AMERICAN
see *Hedeoma pulegioides*

PENNYROYAL, EUROPEAN
see *Mentha pulegium*

peony
see *Paeonia lactiflora*, *P. officinalis*, *P. suffruticosa*

peony, common garden
see *Paeonia lactiflora*

PEONY, EUROPEAN
see *Paeonia officinalis*

PEONY ROOT, WHITE (BAI-SHAO)
see *Paeonia lactiflora*

PEONY, TREE
see *Paeonia suffruticosa*

pepper
see *Piper nigrum*

PEPPER, BIRD
see *Capsicum annuum*. var. *glabriusculum*

PEPPER, BLACK
see *Piper nigrum*

pepperbush, Ussurian thorny
see *Eleutherococcus senticosus*

pepper, chili
see *Capsicum annuum* var. *annuum*

PEPPERCORNS, PINK
see *Schinus terebinthifolia*

pepper, kava
see *Piper methysticum*

PEPPERMINT
see *Mentha x piperita*

pepper, pink
see *Schinus terebinthifolia*

pepper, red
see *Capsicum annuum* var. *annuum*

PEPPER, SICHUAN
see *Zanthoxylum simulans*

PEPPER, TABASCO
see *Capsicum frutescens*

PEPPERTREE, BRAZILIAN
see *Schinus terebinthifolia*

pepper, white
see *Piper nigrum*

periwinkle
see *Vinca minor*

PERIWINKLE, COMMON
see *Vinca minor*

PERIWINKLE, MADAGASCAR
see *Catharanthus roseus*

Petroselinum crispum (Mill.) Nym. ex A. W. Hill
Apiaceae

PARSLEY
Petroselinum sativum Hoffm.
= *Petroselinum crispum*

<i>Peumus boldus</i> Molina	<i>Phytolacca decandra</i> L.
Monimiaceae	= <i>Phytolacca americana</i>
BOLDO	
<i>pfaffia</i>	<i>Picrasma excelsa</i> (Swartz) Planch.
see <i>Pfaffia paniculata</i>	Simaroubaceae
<i>Pfaffia paniculata</i> (Mart.) Kuntze	QUASSIA , Jamaican quassia
Amaranthaceae	pill-bearing spurge
PFAFFIA , suma	see <i>Euphorbia pilulifera</i>
PHELLODENDRON BARK	<i>Pilocarpus jaborandi</i> Holmes
(HUANG-BAI)	Rutaceae
see <i>Phellodendron amurensis</i> & <i>P. chinense</i>	JABORANDI , Pernambuco
<i>Phellodendron amurensis</i> Rupr.	jaborandi
Rutaceae	<i>Pilocarpus microphyllus</i> Stapf
PHELLODENDRON BARK	Rutaceae
(HUANG-BAI), amur cork tree	JABORANDI , Maranhao jaborandi
<i>Phellodendron chinense</i> Schneid.	<i>Pilocarpus pennatifolius</i> Lem.
Rutaceae	Rutaceae
PHELLODENDRON BARK	JABORANDI , Paraguay jaborandi
(HUANG-BAI), Chinese cork tree	
<i>Phoradendron flavescens</i> Nutt. ex Engelm.	<i>Pimenta dioica</i> (L.) Merr.
= <i>Phoradendron leucarpum</i>	Myrtaceae
<i>Phoradendron leucarpum</i> (Raf.)	ALLSPICE
Reveal & M.C. Johnston.	<i>Pimenta officinalis</i> Lindl.
Viscaceae	= <i>Pimenta dioica</i>
AMERICAN MISTLETOE	<i>Pimpinella anisum</i> L.
<i>Phoradendron serotinum</i> (Raf.) M. C. Johnston.	Apiaceae
= <i>Phoradendron leucarpum</i>	ANISE
<i>Phyllanthus emblica</i> L.	PINEAPPLE WEED
Euphorbiaceae	see <i>Chamomilla suaveolens</i>
EMBLIC , ambal, amla	pine bark, white
<i>Phytolacca americana</i> L.	see <i>Pinus strobus</i>
Phytolaccaceae	PINELLIA
POKE	see <i>Pinellia ternata</i>
	<i>Pinellia ternata</i> (Thunb.) Briet.
	Araceae
	PINELLIA (BAN-XIA)

- pine, prince's
 see *Chimaphila umbellata* subsp.
 cisatlantica
- PINE, WHITE**
 see *Pinus strobus*
- piney
 see *Paeonia officinalis*
- PINKROOT**
 see *Spigelia marilandica*
- pinnate hawthorn
 see *Crataegus pinnatifida*
- Pinus strobus* L.
 Pinaceae
- WHITE PINE**
Piper cubeba L. fil.
 Piperaceae
- CUBEB**
Piper methysticum G. Forster
 Piperaceae
- KAVA KAVA**, kava pepper
Piper nigrum L.
 Piperaceae
- BLACK PEPPER** - [with cortex]
 pepper, black peppercorns
- WHITE PEPPER** - [decorticated]
- GREEN PEPPERCORNS** - [green
 with cortex]
- PIPSISSEWA**
 see *Chimaphila umbellata* subsp.
 cisatlantica
- Plantago arenaria* Waldst. & Kit.
 Plataginaceae
- BLACK PSYLLIUM**, French
 psyllium, psyllium
- Plantago asiatica* L.
 Plataginaceae
- ASIAN PSYLLIUM**, Asian
 plantain, psyllium
- Plantago lanceolata* L.
 Plataginaceae
- ENGLISH PLANTAIN**, plantain
Plantago major L.
 Plataginaceae
- COMMON PLANTAIN**, plantain
Plantago media L.
 Plataginaceae
- HOARY PLANTAIN**, plantain
Plantago ovata Forssk.
 Plataginaceae
- BLONDE PSYLLIUM**
Plantago psyllium L.
 = *Plantago arenaria*
 plantain
 see *Plantago lanceolata*, *P. major*
 & *P. media*
- PLANTAIN, ASIAN**
 see *Plantago asiatica*
- PLANTAIN, COMMON**
 see *Plantago major*
- PLANTAIN, ENGLISH**
 see *Plantago lanceolata*
- PLANTAIN, HOARY**
 see *Plantago media*
 plant, dagger
 see *Yucca aloifolia*
- Platycladus orientalis* (L.) Franco
 Cupressaceae
- ORIENTAL ARBORVITAE**
 (BAI-ZI-REN)
- Platycodon grandiflorum* (Jacq.) A.
 DC
 Campanulaceae

- BALLOON-FLOWER (JIE-GENG)**
 see *Asclepias tuberosa*
- PLEURISY-ROOT**
Plumeria lancifolia Müll.
 Apocynaceae
- AGONIADA**
Podophyllum emodi Wallich ex Hook.
 f. & Thomson
 = *Podophyllum hexandrum*
- Podophyllum hexandrum* Royle.
 Berberidaceae
- HIMALAYAN MAYAPPLE**
Podophyllum peltatum L.
 Berberidaceae
- MAYAPPLE, American mandrake**
Pogostemon cablin (Blanco) Benth.
 Lamiaceae
- PATCHOULY**
- POKE**
 see *Phytolacca americana*
- Polygala senega** L.
 Polygalaceae
SENECA SNAKEROOT, senega
 snakeroot
- Polygala sibirica** L.
 Polygalaceae
POLYGALA (YUAN-ZHI),
 Siberian polygala
- Polygala tenuifolia** Willd.
 Polygalaceae
POLYGALA (YUAN-ZHI)
 polygala, Siberian
 see *Polygala siberica*
- POLYGALA (YUAN-ZHI)**
 see *Polygala tenuifolia* & *P. siberica*
- Polygonatum biflorum* (Walter) Elliott
 Liliaceae
- SOLOMON'S-SEAL**
Polygonatum commutatum
 = *Polygonatum biflorum*
- Polygonatum odoratum* (Mill.) Druce
 Liliaceae
- AROMATIC SOLOMON'S-SEAL (YU-ZHU), Solomon's seal**
Polygonatum officinale All.
 = *Polygonatum odoratum*
- Polygonatum sibiricum* Red.
 Liliaceae
- SIBERIAN SOLOMON'S-SEAL (HUANG-JING)**
Polygonum bistorta L.
 Polygonaceae
- BISTORT**
Polygonum multiflorum Thunb.
 Polygonaceae
FO-TI (HE-SHOU-WU), Chinese knotweed, fo-ti, ho-shou-wu, he-shou-wu
- POLYPORUS (FU-LING)**
 see *Wolfiporia cocos*
- Polyporus japonicus** Fr.
 see *Ganoderma lucidum*
- Polyporus umbellatus** Fr.
 see *Wolfiporia cocos*
- POMEGRANATE**
 see *Punica granatum*

- poplar
 see *Populus balsamifera* var.
 balsamifera
POPPY, CALIFORNIA
 see *Eschscholzia californica*
 poppy, opium
 see *Papaver somniferum*
POPPYSEED
 see *Papaver somniferum*
Populus balsamifera L. var.
 balsamifera
 Salicaceae
BALM-OF-GILEAD, tacamahac,
 poplar, balm-of-Gilead buds
Populus candicans Aiton
 see *Populus balsamifera* var.
 balsamifera
Populus × gileadensis Rouleau
 see *Populus × jackii*
Populus × jackii Sarg.
 Salicaceae
BALM-OF-GILEAD, balm-of-
 Gilead buds
Poria cocos (Schwein.) Wolf
 = *Wolfiporia cocos*
Portulaca oleracea L.
 Portulacaceae
PURSLANE
Potentilla erecta (L.) Raeusch.
 Rosaceae
CINQUEFOIL, tormentil
Potentilla tormentilla Stokes
 = *Potentilla erecta*
 prairie dock
 see *Parthenium integrifolium*
- PREPARED ACONITE TUBER**
 (FU-ZI)
 see *Aconitum carmichaelii*
PRICKLY ASH, NORTHERN
 see *Zanthoxylum americanum*
PRICKLY ASH, SOUTHERN
 see *Zanthoxylum clava-herculis*
PRIMROSE, EVENING
 see *Oenothera biennis*
Primula veris L.
 Primulaceae
COWSLIP
PRINSEPIA SEED
 see *Prinsepia uniflora*
Prinsepia uniflora Batalin
 Rosaceae
PRINSEPIA SEED (RUI-REN)
 privet, glossy
 see *Ligustrum lucidum*
PROVENCE ROSE
 see *Rosa centifolia*
Prunella vulgaris L.
 Lamiaceae
HEAL-ALL, self-heal, all-heal,
 heal-all
Prunus armeniaca L.
 Rosaceae
APRICOT
Prunus dulcis (Mill.) D. A. Webb.
 var. *amara* (DC.) H. E. Moore
 Rosaceae
BITTER ALMOND
Prunus mume (Sieb.) Sieb. et Zucc.
 Rosaceae
JAPANESE APRICOT (WU-MEI)

<i>Prunus persica</i> (L.) Batsch	puama
Rosaceae	see <i>Liriosma ovata</i>
PEACH	
<i>Prunus serotina</i> Ehrh.	PUBESCENT ANGELICA (DU-HUO)
Rosaceae	see <i>Angelica pubescens</i>
WILD CHERRY , wild black cherry	puccoon, red see <i>Sanguinaria canadensis</i>
<i>Prunus spinosa</i> L.	puccoon, yellow see <i>Hydrastis canadensis</i>
Rosaceae	
SLOE , sloe berries	<i>Pueraria lobata</i> (Willd.) Ohwi
<i>Psoralea corylifolia</i>	Fabaceae
psyllium	KUDZU
see <i>Cullen corylifolia</i>	<i>Pueraria thomsonii</i> Benth.
psyllium, Asian	Fabaceae
see <i>Plantago asiatica</i>	MEALY KUDZU (FEN-KE)
PSYLLIUM, BLACK	puke weed
see <i>Plantago arenaria</i>	see <i>Lobelia inflata</i>
PSYLLIUM, BLONDE	<i>Pulmonaria officinalis</i> L.
see <i>Plantago ovata</i>	Boraginaceae
psyllium, French	LUNGWORT
see <i>Plantago arenaria</i>	<i>Punica granatum</i> L.
psyllium seed	Punicaceae
see <i>Plantago arenaria</i>	POMEGRANATE
psyllium seed husk	
see <i>Plantago asiatica</i>	PURPLE ANGELICA
<i>Pterocarpus santalinus</i> L. fil.	see <i>Angelica atropurpurea</i>
Fabaceae	purple coneflower
RED SANDALWOOD , red saunders	see <i>Echinacea</i> spp.
<i>Ptychopetalum olacoides</i> Benth.	PURSLANE
Olacaceae	see <i>Portulaca oleracea</i>
MUIRA PUAMA	qiang-huo
<i>Ptychopetalum uncinatum</i> Anselmino	see <i>Notopterygium incisum</i>
Olacaceae	QIANG-HUO (NOTOPTERYGIUM)
MUIRA PUAMA	see <i>Notopterygium incisum</i>
	qian-shi
	see <i>Euryale ferox</i>

QIAN-SHI (EURYALE SEED)	<i>Quercus alba</i> L.
see <i>Euryale ferox</i>	Fagaceae
qing-guo	WHITE OAK
see <i>Canarium album</i>	
QING-GUO (WHITE CHINESE-Olive)	QUILLAJA
see <i>Canarium album</i>	<i>see Quillaja saponaria</i>
qing-hao	<i>Quillaja saponaria</i> Molina
see <i>Artemisia annua</i>	Rosaceae
QING-HAO (SWEET ANNIE)	QUILLAJA, soap tree
see <i>Artemisia annua</i>	<i>quince, Chinese</i>
qin-jiao	<i>see Chaenomeles speciosa</i>
see <i>Gentiana macrophylla</i>	QUINCE, FLOWERING
QIN-JIAO (LARGE-LEAF GENTIAN)	<i>see Chaenomeles speciosa</i>
see <i>Gentiana macrophylla</i>	QUININE
QUASSIA	<i>see Cinchona calisaya, C. ledgeriana, C. officinalis, & C. pubescens</i>
see <i>Picrasma excelsa</i>	RASPBERRY
QUASSIA	<i>see Rubus strigosus & R. idaeus</i>
<i>see Quassia amara</i>	<i>raspberry, red</i>
<i>Quassia amara</i> L.	<i>see Rubus idaeus</i>
Simaroubaceae	RED-CLOVER
QUASSIA, Surinam quassia	<i>see Trifolium pratense</i>
<i>quassia, Surinam</i>	RED MAGNOLIA (XIN-YI)
<i>see Quassia amara</i>	<i>Magnolia liliflora</i>
Queen Ann's-lace	<i>red root</i>
<i>see Daucus carota</i>	<i>see Ceanothus americanus</i>
queen-of-the-meadow	<i>red root</i>
<i>see Eupatorium purpureum</i>	<i>see Sanguinaria canadensis</i>
queen-of-the-meadow	RED-ROOTED SAGE (DAN-SHEN)
<i>see Filipendula ulmaria</i>	<i>see Salvia miltiorrhiza</i>
queen's-delight	RED SANDALWOOD
<i>see Stillingia sylvatica</i>	<i>see Pterocarpus santalinus</i>
queen's-root	REHMANNIA
<i>see Stillingia sylvatica</i>	<i>see Rehmannia glutinosa</i>

<i>Rehmannia glutinosa</i> Steud.	Rhodymeniaceae
Gesneriaceae	DULSE
REHMANNIA (DI-HUANG)	rhubarb, Chinese
REISHI	see <i>Rheum officinale</i> , <i>R. palmatum</i> , & <i>R. tanguticum</i>
see <i>Ganoderma lucidum</i>	rhubarb
ren-dong-teng	see <i>Rheum officinale</i> , <i>R. palmatum</i> , & <i>R. tanguticum</i>
see <i>Lonicera japonica</i>	rhubarb, turkey
<i>Rhamnus frangula</i> L.	see <i>Rheum officinale</i> , <i>R. palmatum</i> , & <i>R. tanguticum</i>
Rhamnaceae	Rhus coriaria L.
FRANGULA , alder buckthorn,	Anacardiaceae
buckthorn bark	SICILIAN SUMAC
<i>Rhamnus purshiana</i> DC.	<i>Rhus glabra</i> L.
Rhamnaceae	Anacardiaceae
CASCARA SAGRADA	SUMAC, smooth sumac
RHATANY	<i>Ribes nigrum</i> L.
see <i>Krameria argentea</i> & <i>K. triandra</i>	Grossulariaceae
rhatany, Brazilian	BLACK Currant , cassis
see <i>Krameria argentea</i>	rockwrack
rhatany, Peruvian	see <i>Fucus vesiculosus</i>
see <i>Krameria triandra</i>	Roman chamomile
<i>Rheum officinale</i> Baill.	see <i>Chamaemelum nobile</i>
Polygonaceae	<i>Rorippa nasturtium-aquaticum</i> (L.)
CHINESE RHUBARB (DA-	Hayek
HUANG) , turkey rhubarb	= <i>Nasturtium officinale</i>
<i>Rheum palmatum</i> L.	<i>Rosa alba</i> L.
Polygonaceae	Rosaceae
CHINESE RHUBARB (DA-	WHITE ROSE
HUANG) , turkey rhubarb	<i>Rosa canina</i> L.
<i>Rheum tanguticum</i> Maxim. ex. Balf.	Rosaceae
Polygonaceae	DOG ROSE
CHINESE RHUBARB (DA-	<i>Rosa centifolia</i> L.
HUANG) , turkey rhubarb	Rosaceae
<i>Rhodymenia palmetta</i> (J. F. Lamour.)	PROVENCE ROSE
Grev.	

<i>Rosa damascena</i> L.	<i>Rubus fruticosus</i> L.
Rosaceae	Rosaceae
DAMASK ROSE	BLACKBERRY
<i>Rosa gallica</i> L.	<i>Rubus idaeus</i> L.
Rosaceae	Rosaceae
FRENCH ROSE	RASPBERRY, red raspberry
<i>Rosa rugosa</i> L.	<i>Rubus strigosus</i> Michx.
Rosaceae	Rosaceae
RUGOSE ROSE	RASPBERRY
ROSE, DAMASK	<i>Rubus suavissimus</i> S. Lee
see <i>Rosa damascena</i>	Rosaceae
ROSE, DOG	SWEET TEA (TIAN-CHA)
see <i>Rosa canina</i>	RUE
ROSE, FRENCH	see <i>Ruta graveolens</i>
see <i>Rosa gallica</i>	RUGOSE ROSE
ROSE-GERANIUM	see <i>Rosa rugosa</i>
see <i>Pelargonium graveolens</i>	rui-ren
rose, guelder	see <i>Prinsepia uniflora</i>
see <i>Viburnum opulus</i>	RUI-REN (PRINSEPIA SEED)
roselle	see <i>Prinsepia uniflora</i>
see <i>Hibiscus sabdariffa</i>	<i>Rumex crispus</i> L.
ROSEMARY	Polygonaceae
see <i>Rosmarinus officinalis</i>	YELLOWDOCK, curled dock,
ROSE, PROVENCE	curly dock
see <i>Rosa centifolia</i>	<i>Rumex hymenosepalus</i> Torr.
ROSE, RUGOSE	Polygonaceae
see <i>Rosa rugosa</i>	CANAIGRE
ROSE, WHITE	<i>Rumex obtusifolius</i> L.
see <i>Rosa alba</i>	Polygonaceae
ROSEWOOD, BRAZILIAN	BROAD-LEAF DOCK, yellow
see <i>Aniba rosaedora</i>	dock
<i>Rosmarinus officinalis</i> L.	<i>Ruscus aculeatus</i> L.
Lamiaceae	Liliaceae
ROSEMARY	BUTCHER'S BROOM, box holly
	Russian belladonna
	see <i>Scopolia carniolica</i>

RUSSIAN COMFREY	<i>Salvia columbariae</i> Benth.
see <i>Symphytum × uplandicum</i>	
Ruta graveolens L.	
Rutaceae	Lamiaceae
RUE, herb-of-grace	CALIFORNIA CHIA, chia
SAFFFLOWER	<i>Salvia hispanica</i> L.
see <i>Carthamus tinctorius</i>	Lamiaceae
SAFFRON	CHIA
see <i>Crocus sativus</i>	<i>Salvia miltiorrhiza</i> Bunge
saffron, Spanish	Lamiaceae
see <i>Crocus sativus</i>	RED-ROOTED SAGE (DAN-SHEN)
saffron, true	<i>Salvia officinalis</i> L.
see <i>Crocus sativus</i>	Lamiaceae
SAGE	SAGE, Dalmatian sage, garden sage, common sage
see <i>Salvia officinalis</i>	salvia root
SAGE, CLARY	see <i>Salvia miltiorrhiza</i>
see <i>Salvia sclarea</i>	<i>Salvia sclarea</i> L.
sage, common	Lamiaceae
see <i>Salvia officinalis</i>	CLARY SAGE, clary, muscatel sage
sage, Dalmatian	<i>Sambucus canadensis</i> L.
see <i>Salvia officinalis</i>	Caprifoliaceae
sage, garden	AMERICAN ELDER, elder-flower, elder-berry
see <i>Salvia officinalis</i>	<i>Sambucus nigra</i> L.
sage, muscatel	Caprifoliaceae
see <i>Salvia sclarea</i>	EUROPEAN ELDER, elder-flower
SAGE, RED-ROOTED	<i>Sambucus nigra</i> L.
see <i>Salvia miltiorrhiza</i>	sanchi
SAGE, WOOD	see <i>Panax notoginseng</i>
see <i>Teucrium scorodonia</i>	SANDALWOOD
ST. JOHN'S WORT	see <i>Santalum album</i>
see <i>Hypericum perforatum</i>	sandalwood, East Indian
<i>Salix alba</i> L.	see <i>Santalum album</i>
Salicaceae	sandalwood, red
WHITE WILLOW	see <i>Pterocarpus santalinus</i>

- sandalwood, yellow
 see *Santalum album*
- Sanguinaria canadensis* L.
 Papaveraceae
 BLOODROOT, red puccoon, red root
- Sanicula europaea* L.
 Apiaceae
 EUROPEAN SANICLE
- SANICLE, EUROPEAN**
 see *Sanicula europaea*
- san-qi
 see *Panax notoginseng*
- SAN-QI GINSENG**
 see *Panax notoginseng*
- Santalum album* L.
 Santalaceae
 SANDALWOOD, East Indian
 sandalwood, white saunders,
 yellow sandalwood, yellow
 saunders
- Saposhnikovia divaricata*
 see *Ledebouriella seseloides*
- Sarothamnus scoparius* (L.) Wimm.
 see *Cytisus scoparius*
- sarsaparilla
 see *Smilax febrifuga*, *S. glauca*, *S. medica*, *S. ornata*, *S. regelii*
- sarsaparilla, brown
 see *Smilax regelii*
- SARSAPARILLA, ECUADORAN**
 see *Smilax febrifuga*
- sarsaparilla, gray
 see *Smilax medica*
- SARSAPARILLA, HONDURAS**
 see *Smilax regelii*
- sarsaparilla, East Indian
 see *Hemidesmus indicus*
- SARSAPARILLA, JAMAICAN**
 see *Smilax ornata*
- SARSAPARILLA, MEXICAN**
 see *Smilax medica*
- sarsaparilla, Vera Cruz
 see *Smilax medica*
- sarsaparilla, wild
 see *Aralia nudicaulis*
- SASSAFRAS**
 see *Sassafras albidum*
- Sassafras albidum* (Nutt.) Nees
 Lauraceae
 SASSAFRAS, filé [leaf only]
- Sassafras officinale* T. Nees & C. H.
 Ebermaier
 = *Sassafras albidum*
- Satureja hortensis* L.
 Lamiaceae
 SUMMER SAVORY
- Satureja montana* L.
 Lamiaceae
 WINTER SAVORY
- saunders, red
 see *Pterocarpus santalinus*
- saunders, white
 see *Santalum album*
- saunders, yellow
 see *Santalum album*
- Saussurea lappa* (Dcne.) C. B. Clarke
 Asteraceae
- COSTUS (MU-XIANG)**
- SAVORY, SUMMER**
 see *Satureja hortensis*

- SAVORY, WINTER**
see *Satureja montana*
- SAWBRIER**
see *Smilax glauca*
- SAW PALMETTO**
see *Serenoa repens*
- SCABROUS GENTIAN, (LONG-DAN)**
see *Gentiana scabra*
- scabwort**
see *Inula helenium*
- Schinus terebinthifolia* Raddi**
Anacardiaceae
- PINK PEPPERCORNS**, Brazilian peppertree, pink pepper,
- SCHISANDRA**
see *Schisandra chinensis*
- schisandra berry**
see *Schisandra chinensis*
- Schisandra chinensis* (Turcz.) Baill.**
Schisandraceae
- SCHISANDRA (WU-WEI-ZI),**
magnolia-vine, five-flavor-fruit,
schisandra
berry, wei-zi
- SCHISANDRA (WU-WEI-ZI)**
see *Schisandra chinensis*
- schizandra**
see *Schisandra chinensis*
- SCOPOLIA**
see *Scopolia carniolica*
- Scopolia carniolica* Jacq.**
Solanaceae
- SCOPOLIA**, Russian belladonna
- SCOTCH BROOM**
see *Cytisus scoparius*
- SCOURING RUSH**
see *Equisetum hyemale*
- Scrophularia marilandica* L.**
Scrophulariaceae
- FIGWORT**
Scrophularia nodosa L.
Scrophulariaceae
- FIGWORT, figwort herb**
scullcap
see *Scutellaria lateriflora*
- SCURFY-PEA (BU-GU-ZHI)**
see *Cullen corylifolia*
- Scutellaria baicalensis* Georgi**
Lamiaceae
- BAIKAL SKULLCAP (HUANG-QIN)**
Scutellaria lateriflora L.
Lamiaceae
- SKULLCAP, scullcap**
- SCYTHIAN LAMB**
see *Cibotium barometz*
- SCYTHIAN LAMB (GOU-JI)**
see *Cibotium barometz*
- Selenicereus grandiflorus* (L.) Britton & Rose**
Cactaceae
- NIGHT-BLOOMING CEREUS**
self-heal
see *Prunella vulgaris*
- SENECA SNAKEROOT**
see *Polygala senega*
- senega snakeroot**
see *Polygala senega*
- SENNA, ALEXANDRIAN**
see *Senna alexandrina*

- Senna alexandrina* Mill.
 Fabaceae
ALEXANDRIAN SENNA, Indian senna, senna leaves
 senna, Indian
 see *Senna alexandrina*
 senna leaves
 see *Senna alexandrina*
- Senna obtusifolia* (L) Irwin & Barneby
 Fabaceae
SICKLEPOD
- Senna tora* (L) Roxb.
 Fabaceae
SICKLE-SENNA
- Serenoa repens* (W. Bartram) Small
 Arecaceae
SAW PALMETTO
- Serenoa serrulata* (Michx.) G. Nichols.
 = *Serenoa repens*
- SESAME**
 see *Sesamum orientale*
- Sesamum indicum* L.
 see *Sesamum orientale*
- Sesamum orientale* L.
 Pedaliaceae
SESAME
- SETE SANGRIAS**
 see *Cuphea balsamona*
- seven barks
 see *Hydrangea arborescens*
- shan-yao
 seed *Dioscorea opposita*
- SHAN-YAO (CHINESE YAM)**
 see *Dioscorea opposita*
- shan-zha
 see *Crataegus pinnatifida*
- SHAN-ZHA (CHINESE HAWTHORN)**
 see *Crataegus pinnatifida*
- shan-zhu-yu
 see *Cornus officinalis*
- SHAN-ZHU-YU (ASIATIC DOGWOOD)**
 see *Cornus officinalis*
- shave grass
 see *Equisetum arvense* & *E. telmateia*
- she-chuang-zi
 see *Cnidium monnieri*
- SHE-CHUANG-ZI (CNIDIUM)**
 see *Cnidium monnieri*
- sheng-ma
 see *Cimicifuga foetida*
- SHENG-MA (BUGBANE)**
 see *Cimicifuga foetida*
- SHEPHERD'S PURSE**
 see *Capsella bursa-pastoris*
- Shi-chang-pu
 see *Acorus gramineus*
- SHI-CHANG-PU (GRASS-LEAVED CALAMUS)**
 see *Acorus gramineus*
- shi-hu
 see *Dendrobium nobile*
- SHI-HU (DENDROBIUM)**
 see *Dendrobium nobile*
- SHIITAKE**
 see *Lentinus edodes*
- SHORT BUCHU**
 see *Barosma betulina*

SHRUBBY SOPHORA (KU-SHEN)	Apiaceae
see <i>Sophora flavescens</i>	
Siberian ginseng	
see <i>Eleutherococcus senticosus</i>	
SIERIAN SOLOMON'S SEAL (HUANG-JING)	
see <i>Polygonatum sibiricum</i>	
SICHUAN FRITILLARY (CHUAN-BEI-MU)	Asteraceae
see <i>Fritillaria cirrhosa</i>	
SICHUAN LOVAGE	Brassicaceae
see <i>Ligusticum chuanxiong</i>	
SICHUAN LOVAGE (CHUAN-XIONG)	Cucurbitaceae
see <i>Ligusticum chuanxiong</i>	
SICHUAN-PAGODA-TREE (CHUAN-LIANG-ZI)	
see <i>Melia toosendan</i>	
SICHUAN PEPPER	
see <i>Zanthoxylum simulans</i>	
SICHUAN PRESERVED VEGETABLE (ZHA-CAI)	
see <i>Brassica juncea</i> var. <i>timida</i>	
SICHUAN TEASEL (XU-DUAN)	
see <i>Dipsacus asper</i>	
SICILIAN SUMAC	
see <i>Rhus coriaria</i>	
SICKLEPOD	
see <i>Senna obtusifolia</i>	
SICKLE-SENNA	
see <i>Senna tora</i>	
SILER	
see <i>Siler divaricatum</i>	
<i>Siler divaricatum</i> Benth. & J. D.	
Hook.	
SILER	
SILK TREE (HE-HUAN-HUA)	
see <i>Albizia julibrissin</i> .	
SILK TREE (HE-HUAN-PI)	
see <i>Albizia julibrissin</i> .	
<i>Silybum marianum</i> (L.) Gaertn.	
MILK THISTLE	
<i>Sinapis alba</i> L.	
WHITE MUSTARD, yellow mustard	
<i>Siraitia grosvenorii</i> (Swingle) C. Jeff.	
LUO-HAN-GUO	
SKULLCAP	
see <i>Scutellaria lateriflora</i>	
SKULLCAP, BAIKAL	
see <i>Scutellaria baicalensis</i>	
SKUNK-CABBAGE	
see <i>Symplocarpus foetidus</i>	
SLIPPERY ELM	
see <i>Ulmus rubra</i>	
SLOE	
see <i>Prunus spinosa</i>	
SMALL-FLOWERED-WILLOW-HERB	
see <i>Epilobium parviflorum</i>	
SMALL SPIKENARD	
see <i>Aralia nudicaulis</i>	
<i>Smilax aristolochiifolia</i> auct.	
= <i>Smilax medica</i>	
<i>Smilax febrifuga</i> Kunth	
	Smilacaceae

ECUADORIAN	soap tree
SARSAPARILLA , sarsaparilla	see <i>Quillaja saponaria</i>
<i>Smilax glauca</i> Walter	soapweed
Smilacaceae	see <i>Yucca glauca</i>
SAWBRIER	soapwell
<i>Smilax medica</i> Schlechtend. & Cham.	see <i>Yucca glauca</i>
Smilacaceae	<i>Solidago virgaurea</i> L.
MEXICAN SARSAPARILLA,	Asteraceae
Vera Cruz sarsaparilla, gray	EUROPEAN GOLDENROD
sarsaparilla,	SOLOMON'S-SEAL
sarsaparilla	see <i>Polygonatum biflorum</i>
<i>Smilax ornata</i> Lem.	Solomon's-seal
Smilacaceae	see <i>Polygonatum odoratum</i>
JAMAICAN SARSAPARILLA,	SOLOMON'S-SEAL, AROMATIC
sarsaparilla	see <i>Polygonatum odoratum</i>
<i>Smilax regelii</i> Killip & Morton	Solomon's-seal, Siberian
Smilacaceae	see <i>Polygonatum sibiricum</i>
HONDURAN SARSAPARILLA,	SOMALIAN MYRRH
brown sarsaparilla, sarsaparilla	see <i>Commiphora molmol</i>
snakegourd, Chinese	<i>Sophora flavescens</i> Ait.
see <i>Trichosanthes kirilowii</i>	Fabaceae
snakeroot, black	SHRUBBY SOPHORA (KU-
see <i>Cimicifuga racemosa</i>	SHEN)
SNAKEROOT, CANADA	SOPHORA, SHRUBBY
see <i>Asarum canadense</i>	see <i>Sophora flavescens</i>
snakeroot, Kansas	SOUTHERN PRICKLY-ASH
see <i>Echinacea angustifolia</i>	see <i>Zanthoxylum clava-herculis</i>
SNAKEROOT, MISSOURI	SOUTHERN TSANGSHU (CANG-
see <i>Parthenium integrifolium</i>	ZHU)
SNAKEROOT, SENECA	see <i>Atractylodes lancea</i>
see <i>Polygala senega</i>	SOUTHERNWOOD
Snakeroot, senega	see <i>Artemisia abrotanum</i>
see <i>Polygala senega</i>	Spanish-bayonet
SNAKEROOT, VIRGINIA	see <i>Yucca aloifolia</i>
see <i>Aristolochia serpentaria</i>	SPANISH-CHESTNUT
	see <i>Castanea sativa</i>

- SPANISH-LAVENDER**
 see *Lavandula stoechas*
- Spanish saffron
 see *Crocus sativus*
- Spartium scoparium* L.
 = *Cytisus scoparius*
- SPEARMINT**
 see *Mentha spicata*
- SPEEDWELL**
 see *Veronica officinalis*
- Spigelia marilandica* L.
 Loganiaceae
- PINKROOT**
 spike
 see *Lavandula latifolia*
- SPIKE LAVENDER**
 see *Lavandula latifolia*
- SPIKENARD**
 see *Aralia racemosa*
- spikenard, American
 see *Aralia racemosa*
- SPIKENARD, CALIFORNIA**
 see *Aralia californica*
- SPIKENARD, SMALL**
 see *Aralia nudicaulis*
- Spilanthes acmella* L. ex J. A. Murray
 Asteraceae
- TOOTHACHE PLANT, pará**
 cress, Paraguay cress
- Spilanthes oleracea* L.
 Asteraceae
- TOOTHACHE PLANT, pará cress**
- SPREADING DOGBANE**
 see *Apocynum androsaemifolium*
- spurge, pill-bearing
 see *Euphorbia pilulifera*
- SQUAWVINE**
 see *Mitchella repens*
- Stachys officinalis* (L.) Tervis.
 Lamiaceae
- WOOD BETONY**
- STAR ANISE**
 see *Illicium verum*
- star, blazing
 see *Chamaelirium luteum*
- star-grass
 see *Aletris farinosa*
- star-grass, true unicorn
 see *Aletris farinosa*
- starwort, yellow
 see *Inula helenium*
- Stellaria media* (L.) Vill.
 Caryophyllaceae
- CHICKWEED**
- STEPHANIA ROOT (FANG-JI)**
 see *Stephania tetrandra*
- Stephania tetrandra* S. Moore
 Menispermaceae
- STEPHANIA ROOT (FANG-JI)**
- STEVIA**
 see *Stevia rebaudiana*
- Stevia rebaudiana* (Bertoni) Hemsl.
 Asteraceae
- STEVIA, Paraguayan sweet herb,
 sweetleaf
- STILLINGIA**
 see *Stillingia sylvatica*
- Stillingia sylvatica* Garden ex L.
 Euphorbiaceae
- STILLINGIA, queen's-delight,**
 queen's root, yaw root

- STINGING NETTLE**
 see *Urtica dioica*
- stoneroot
 see *Collinsonia canadensis*
- STRAWBERRY**
 see *Fragaria vesca* & *F. virginiana*
- strawberry, alpine
 see *Fragaria vesca*
- strawberry, Virginian
 see *Fragaria virginiana*
- Styrax benzoin* Dryander
 Styracaceae
BENZOIN, Sumatra benzoin
- Styrax paralleloneurum* Perkins
 Styracaceae
BENZOIN
- Styrax tonkinensis* (Pierre) Craib. et Hartw.
 Styracaceae
- BENZOIN**
 suan-zao-ren
 see *Ziziphus spinosa*
- SUAN-ZAO-REN (JUJUBE SEEDS)**
 see *Ziziphus spinosa*
- suma
 see *Pfaffia paniculata*
- sumac
 see *Rhus coriaria*
- SUMAC**
 see *Rhus glabra*
- SUMAC, SICILIAN**
 see *Rhus coriaria*
- SUMMER SAVORY**
 see *Satureja hortensis*
- SUNFLOWER**
 see *Helianthus annuus*
- suo-yang
 see *Cynomorium songaricum*
- SUO-YANG (CYNOMORIUM)**
 see *Cynomorium songaricum*
- Surinam quassia
 see *Quassia amara*
- SWEET ANNIE (QING-HAO)**
 see *Artemisia annua*
- sweetbay
 see *Magnolia virginiana*
- SWEET BIRCH**
 see *Betula lenta*
- sweetflag
 see *Acorus calamus*
- sweetflag, grassy-leaved
Acorus gramineus
- sweetleaf
 see *Stevia rebaudiana*
- SWEET MARJORAM**
 see *Origanum majorana*
- SWEET TEA (TIAN-CHA)**
 see *Rubus suavissimus*
- SWEET VIOLET**
 see *Viola odorata*
- SWEET WOODRUFF**
 see *Galium odoratum*
- Symphytum officinale* L.
 Boraginaceae
COMFREY, common comfrey,
 healing-herb
- Symphytum x uplandicum* Nyman
 Boraginaceae
RUSSIAN COMFREY
- Symplocarpus foetidus* (L.) Salisb. ex Nutt.

Araceae	TANGERINE
SKUNK CABBAGE	see <i>Citrus reticulata</i>
<i>Syzygium aromaticum</i> (L.) Merr. & L.	tang-kuei
M. Perry	see <i>Angelica sinensis</i>
Myrtaceae	tang-shen
CLOVE	see <i>Codonopsis pilosula</i>
<i>Syzygium cumini</i> Skeels	TANSY
Myrtaceae	see <i>Tanacetum vulgare</i>
JAMBOLAN , jumbul	<i>Taraxacum officinale</i> G. H. Weber ex
<i>Syzygium jambolana</i> DC.	Wigg.
= <i>Syzygium cumini</i>	Asteraceae
TABASCO PEPPER	DANDELION
see <i>Capsicum frutescens</i>	TARRAGON, FRENCH
<i>Tabebuia avellanedae</i> auct.	see <i>Artemisia dracunculus</i> 'Sativa'
= <i>Tabebuia impetiginosa</i>	TAYUYAZ
<i>Tabebuia heptaphylla</i> (Vell.) Toledo	see <i>Trianosperma tayuya</i>
Bignoniaceae	TEA
PAU D'ARCO , lapacho colorado,	see <i>Camellia sinensis</i>
lapacho morado, ipe roxo, taheebo	tea, black
<i>Tabebuia impetiginosa</i> (Mart. ex DC.)	see <i>Camellia sinensis</i>
Standl.	tea, Chinese
Bignoniaceae	see <i>Camellia sinensis</i>
PAU D'ARCO , ipe roxo, taheebo	tea, green
tacamahac	see <i>Camellia sinensis</i>
see <i>Populus balsamifera</i> var.	tea, Jersey
<i>balsamifera</i>	see <i>Ceanothus americanus</i>
taheebo	TEA, MORMON
see <i>Tabebuia heptaphylla</i> & T.	see <i>Ephedra nevadensis</i>
<i>impetiginosa</i>	TEA, NEW JERSEY
<i>Tanacetum parthenium</i> (L.) Schultz-	see <i>Ceanothus americanus</i>
Bip.	tea, Paraguay
Asteraceae	see <i>Ilex paraguariensis</i>
FEVERFEW	TEASEL, JAPANESE
<i>Tanacetum vulgare</i> L.	see <i>Dipsacus japonicus</i>
Asteraceae	TEASEL, SICHUAN
TANSY	see <i>Dipsacus asper</i>

- Terminalia bellerica* (Gaertn.) Roxb.
Combretaceae
BELLERIC MYROBALAN
- Terminalia chebula* (Gaertn.) Retz..
Combretaceae
TROPICAL ALMOND, Indian almond
- Ternstroemia pringlei* (Rose)
Theaceae
TILIA ESTRELLA
- Teucrium chamaedrys* L.
Lamiaceae
GERMANDER
- Teucrium scorodonia* L.
Lamiaceae
WOOD SAGE
- THISTLE, BLESSED**
see *Cnicus benedictus*
thistle, holy
see *Cnicus benedictus*
- THISTLE, MILK**
see *Silybum marianum*
- THOROUGHWAX, CHINESE**
see *Bupleurum chinense*
thoroughwort
see *Eupatorium perfoliatum*
- THUJA**
see *Thuja occidentalis*
- Thuja occidentalis* L.
Cupressaceae
THUJA, northern white cedar, eastern white cedar, eastern arborvitae, swamp cedar
- Thuja orientalis* L.
= *Platycladus orientalis* (L.)
Franco
- THYME**
see *Thymus vulgaris*
thyme, common
see *Thymus vulgaris*
thyme, garden
see *Thymus vulgaris*
- THYME, LEMON**
see *Thymus X citriodorus*
Thymus Xcitriodorus (Pers.) Schreb.
Lamiaceae
LEMON THYME
- Thymus vulgaris* L.
Lamiaceae
THYME, garden thyme, common
thyme
tian-cha
see *Rubus suavissimus*
- TIAN-CHA (SWEET TEA)**
see *Rubus suavissimus*
tian-dong
see *Asparagus cochinchinensis*
- TIAN-DONG, (CHINESE ASPARAGUS)**
see *Asparagus cochinchinensis*
tian-hua-fen
see *Trichosanthes kirilowii*
- TIAN-HUA-FEN**
(TRICHOSANTHES ROOT)
see *Trichosanthes kirilowii*
tian-nan-xing
see *Arisaema japonicum*
- TIAN-NAN-XING (JAPANESE ARISAEMA)**
see *Arisaema japonicum*

- TIAN-XIAN-TENG** (vine)
 see *Aristolochia contorta* & *A. debilis*
tienchi
 see *Panax notoginseng*
tienchi ginseng
 see *Panax notoginseng*
- TILIA ESTRELLA**
 see *Ternstroemia pringlei*
Tilia X europaea L.
 Tiliaceae
LINDEN, European linden
Tilia platyphyllos Scop.
 Tiliaceae
LARGE-LEAVED LINDEN,
 linden
 tobacco, Indian
 see *Lobelia inflata*
 tolu
 see *Myroxylon balsamum* var.
balsamum
- TOLU BALSAM**
 see *Myroxylon balsamum* var.
balsamum
- TONKA**
 see *Dipteryx odorata* & *Dipteryx oppositifolia*
 tonka bean, Dutch
 see *Dipteryx odorata*
 tonka bean, English
 see *Dipteryx oppositifolia*
 tonka, Dutch
 see *Dipteryx odorata*
 tonka, English
 see *Dipteryx oppositifolia*
- TOOTHACHE PLANT**
 see *Spilanthes acmella* & *S. oleracea*
tormentil
 see *Potentilla erecta*
- TRAILING-ARBUTUS**
 see *Epigaea repens*
 tree, camphor
 see *Cinnamomum camphora*
 tree, Joshua
 see *Yucca brevifolia*
 tree, maidenhair
 see *Ginkgo biloba*
- TREE MOSS**
 see *Evernia furfuracea* & *Usnea barbata*
- TREE PEONY BARK (MU-DAN-PI)**
 see *Paeonia suffruticosa*
- TREE, SOAP**
 see *Quillaja saponaria*
 tree, tea
 see *Melaleuca alterniflora*
 tree, toothache
 see *Zanthoxylum americanum*
Trianosperma tayuya Mart.
 Cucurbitaceae
- TAYUYA**
- TRICHOSANTHES FRUIT**
 see *Trichosanthes kirilowii*
Trichosanthes kirilowii Maxim.
 Cucurbitaceae
- TRICHOSANTHES ROOT (TIAN-HUA-FEN),**
TRICHOSANTHES FRUIT (GUA-LOU), Chinese cucumber,
 Chinese snakegourd

TRICHOSANTHES ROOT	<i>Turnera diffusa</i> Willd. ex Schult. var.
see <i>Trichosanthes kirilowii</i>	<i>diffusa</i>
Trifolium pratense L.	Turneraceae
Fabaceae	DAMIANA
RED-CLOVER	turnip, Indian
Trigonella foenum-graecum L.	see <i>Arisaema triphyllum</i>
Fabaceae	tu-si
FENUGREEK	see <i>Cuscuta chinensis</i> & <i>Cuscuta japonica</i>
Trillium erectum L.	TU-SI (CHINESE DODDER)
Liliaceae	see <i>Cuscuta chinensis</i> & <i>Cuscuta japonica</i>
BETHROOT, birth root,	Tussilago farfara L.
wakerobin	Asteraceae
TRITICUM	COLTSFOOT
see <i>Elytrigia repens</i>	<i>Ulmus fulva</i> Michx.
TROPICAL ALMOND	= <i>Ulmus rubra</i>
see <i>Terminalia chebula</i>	<i>Ulmus rubra</i> Muhl.
TRUE DRAGON'S BLOOD	Ulmaceae
see <i>Daemonorops draco</i>	SLIPPERY ELM
true saffron	<i>Uncaria gambir</i> (Hunter) Roxb.
see <i>Crocus sativus</i>	Rubiaceae
true unicorn	GAMBIR
see <i>Aletris farinosa</i>	UNICORN ROOT, FALSE
trumpet, golden	see <i>Chamaelirium luteum</i>
see <i>Erythroxylum catauba</i>	unicorn, true
TSANGSHU, SOUTHERN (CANG-ZHU)	see <i>Aletris farinosa</i>
see <i>Atractylodes lancea</i>	<i>Urtica dioica</i> L.
TSAO-KO (CAO-GUA)	Urticaceae
see <i>Amomum tsao-ko</i>	STINGING NETTLE, nettles
TURMERIC	USNEA
see <i>Curcuma aromatica</i> , <i>C. domestica</i> , & <i>C. longa</i>	see <i>Usnea barbata</i>
Turnera diffusa Willd. ex Schult. var.	<i>Usnea barbata</i> (L.) Wigg. and other
<i>aphrodisiaca</i> (Ward) Urban	<i>Usnea species</i>
Turneraceae	Usneaceae
DAMIANA	

- USNEA, tree moss, usnea lichen,
old man's beard, beard-moss
- UTAH JUNIPER**
see *Juniperus osteosperma*
- UVA URSI**
see *Arctostaphylos uva-ursi*
- Vaccinium angustifolium* Aiton
Ericaceae
- BLUEBERRY**
Vaccinium corymbosum L.
Ericaceae
- BLUEBERRY**
Vaccinium myrtillus L.
Ericaceae
- BILBERRY**, huckleberry,
whortleberry
Vaccinium pallidum Aiton
Ericaceae
- BLUEBERRY**
VALERIAN
see *Valeriana officinalis*
- Valeriana edulis* Nutt. ex Torr. & A.
Gray subsp. *procera* (Kunth) F.
G. Meyer
Valerianaceae
- MEXICAN VALERIAN**
valerian, garden
see *Valeriana officinalis*
- VALERIAN, INDIAN**
see *Valeriana wallichii*
- VALERIAN, MEXICAN**
see *Valeriana edulis* subsp. *procera*
- Valeriana officinalis* L.
Valerianaceae
- VALERIAN**, garden heliotrope,
garden valerian,
- VALERIAN, PACIFIC**
see *Valeriana sitchensis*
Valeriana sitchensis Bong.
Valerianaceae
- PACIFIC VALERIAN**
Valeriana wallichii DC.
Valerianaceae
- INDIAN VALERIAN**
- VANILLA**
see *Vanilla planifolia*
vanilla, Bourbon
see *Vanilla planifolia*
vanilla, Madagascar
see *Vanilla planifolia*
vanilla, Mexican
see *Vanilla planifolia*
Vanilla planifolia Andr.
Orchidaceae
- VANILLA, Bourbon vanilla,**
Mexican vanilla, Madagascar
vanilla
- VANILLA, TAHITIAN**
see *Vanilla tahitensis*
Vanilla tahitensis J. W. Moore
Orchidaceae
- TAHITIAN VANILLA,**
Veratrum viride Aiton
Liliaceae
- AMERICAN HELLEBORE,**
American white hellebore, false
hellebore
Verbascum thapsus L.
- Scrophulariaceae
- MULLEIN**
verbena
see *Aloysia triphylla*

<i>Verbena hastata</i> L.	vine, magnolia
Verbenaceae	see <i>Schisandra chinensis</i>
BLUE VERVAIN	
VERBENA, LEMON	
see <i>Aloysia triphylla</i>	
<i>Verbena officinalis</i> L.	
Verbenaceae	
EUROPEAN VERVAIN	
<i>Veronica officinalis</i> L.	
Scrophulariaceae	
SPEEDWELL	
<i>Veronicastrum virginicum</i> (L.) Farwell	
= <i>Leptandra virginica</i>	
VERVAIN, BLUE	
see <i>Verbena hastata</i>	
VERVAIN, EUROPEAN	
see <i>Verbena officinalis</i>	
vetch, membranous milk	
see <i>Astragalus membranaceus</i>	
VETIVER	
see <i>Vetiveria zizanoides</i>	
<i>Vetiveria zizanoides</i> (L.) Nash	
Poaceae	
VETIVER	
<i>Viburnum opulus</i> L.	
Caprifoliaceae	
CRAMP BARK, guelder rose	
<i>Viburnum prunifolium</i> L.	
Caprifoliaceae	
BLACKHAW	
<i>Vinca minor</i> L.	
Apocynaceae	
COMMON PERIWINKLE,	
periwinkle	
<i>Vinca rosea</i> L.	
= <i>Catharanthus roseus</i>	
	wake-robin
	see <i>Trillium erectum</i>
	WALNUT, BLACK
	see <i>Juglans nigra</i>
	wand, fairy
	see <i>Chamaelirium luteum</i>

- WATERCRESS**
see *Nasturtium officinale*
- WAX GOURD (DONG-GUA-PI)**
see *Benincasa hispida*
- wei-ling-xian**
see *Clematis chinensis*
- WEI-LING-XIAN (CHINESE CLEMATIS)**
see *Clematis chinensis*
- wei-zi**
see *Schisandra chinensis*
- WESTERN MUGWORT**
see *Artemisia douglasiana*
- WHITE ASH**
see *Fraxinus americana*
- WHITE CHINESE-OLIVE (QING-GUO)**
see *Canarium album*
- WHITE, MUGWORT**
see *Artemisia lactiflora*
- WHITE MULBERRY**
see *Morus alba*
- WHITE MUSTARD**
see *Sinapis alba*
- WHITE NETTLE**
see *Lamium album*
- WHITE OAK**
see *Quercus alba*
- WHITE PEONY ROOT (BAI-SHAO)**
see *Paeonia lactiflora*
- WHITE PINE**
see *Pinus strobus*
- WHITE ROSE**
see *Rosa alba*
- white sandalwood
see *Santalum album*
- whortleberry
see *Vaccinium myrtillus*
- WILD BERGAMOT**
see *Monarda fistulosa*
- WILD CARROT**
see *Daucus carota*
- WILD CHERRY**
see *Prunus serotina*
- wild geranium
see *Geranium maculatum*
- wild ginger
see *Asarum canadense*
- wild hydrangea
see *Hydrangea arborescens*
- WILD INDIGO**
see *Baptisia tinctoria*
- WILD LETTUCE**
Lactuca quercina & L. serriola
- WILD OAT**
see *Avena fatua*
- wild sarsaparilla
see *Aralia nudicaulis*
- WILD YAM**
see *Dioscorea villosa*
- willowherb
see *Epilobium angustifolium L.*
- WILLOW-HERB, SMALL-FLOWERED**
see *Epilobium parviflorum*
- WILLOW, WHITE**
see *Salix alba*
- WINTERGREEN**
see *Gaultheria procumbens*
- WINTER SAVORY**
see *Satureja montana*

- WITCH-HAZEL**
 see *Hamamelis virginiana*
- Withania somnifera** Dunal.
 Solanaceae
- ASHWAGANDHA**
 woad
 see *Isatis tinctoria*
- WOAD, DYER'S-**
 see *Isatis tinctoria*
- Wolfiporia cocos** (Schwein.) Ryv. &
 Gilbn.
 Polyporaceae
- POLYPORUS (FU-LING),**
 grifolia
- woodruff**
 see *Galium odoratum*
- WOODRUFF, SWEET**
 see *Galium odoratum*
- WOOD SAGE**
 see *Teucrium scorodonia*
- WOOLLY GRASS (MAO-GEN)**
 see *Imperata cylindrica*
- WOOLLY YERBA SANTA**
 see *Eriodictyon tomentosum*
- wormwood
 see *Artemisia absinthium*
- wormwood, annual
 see *Artemisia annua*
- WORT, ST. JOHN'S**
 see *Hypericum perforatum*
- wu-mei
 see *Prunus mume*
- WU-MEI, (JAPANESE APRICOT)**
 see *Prunus mume*
- wu-wei-zi
 see *Schisandra chinensis*
- WU-WEI-ZI (SCHISANDRA)**
 see *Schisandra chinensis*
- wu-zhu-yu
 see *Euodia rutaecarpa*
- WU-ZHU-YU (EVODIA)**
 see *Euodia rutaecarpa*
- xian-mao
 see *Curculigo orchoides*
- XIAN-MAO (GOLDEN EYE-GRASS)**
 see *Curculigo orchoides*
- xin-yi
 see *Magnolia liliiflora*
- XIN-YI (RED MAGNOLIA)**
 see *Magnolia liliiflora*
- xu-duan
 see *Dipsacus asper* & *D. japonicus*
- XU-DUAN (JAPANESE TEASEL)**
 see *Dipsacus japonicus*
- XU-DUAN (SICHUAN TEASEL)**
 see *Dipsacus asper*
- xuan-fu-hua
 see *Inula britannica* & *I. japonica*
- XUAN-FU-HUA (BRITISH ELECAMPANE FLOWERS)**
 see *Inula britannica*
- XUAN-FU-HUA (JAPANESE ELECAMPANE FLOWERS)**
 see *Inula japonica*
- xue-jie
 see *Daemonorops draco*
- XUE-JIE (TRUE DRAGON'S BLOOD)**
 see *Daemonorops draco*
- YAM, CHINESE**
 see *Dioscorea opposita*

- yam, wild
 see *Dioscorea opposita*
- YAM, WILD**
 see *Dioscorea villosa*
- yan-hu-suo
 see *Corydalis yanhusuo*
- YAN-HU-SUO (CORYDALIS)**
 see *Corydalis yanhusuo*
- YARROW**
 see *Achillea millefolium*
- yaw root
 see *Stillingia sylvatica*
- YELLOWDOCK**
 see *Rumex crispus*
- YELLOW GRANADILLA**
 see *Passiflora laurifolia*
- YERBA MANSA**
 see *Anemopsis californica*
- yerba maté
 see *Ilex paraguariensis*
- yellow mustard
 see *Sinapis alba*
- YERBA SANTA**
 see *Eriodictyon californicum* & *E. tomentosum*
- YERBA SANTA, WOOLLY**
 see *Eriodictyon tomentosum*
- yin-chen
 see *Artemisia capillaris*
- YIN-CHEN (CAPILLARY ARTEMISIA)**
 see *Artemisia capillaris*
- yi-mu-cao
 see *Leonurus artemisia* & *L. tarticus*
- YI-MU-CAO (CHINESE MOTHERWORT)**
 see *Leonurus artemisia* & *L. tarticus*
- YLANG YLANG**
 see *Cananga odorata*
- YOHIMBE**
 see *Pausinystalia yohimba*
- yuan-zhi
 see *Polygala tenuifolia* & *P. sibericum*
- YUAN-ZHI (POLYGALA)**
 see *Polygala tenuifolia* & *P. sibericum*
- YUCCA**
 see *Yucca aloifolia*, *Y. brevifolia*,
 Y. glauca, & *Y. whipplei*
- yucca, aloe
 see *Yucca aloifolia*
- Yucca aloifolia* L.
 Agavaceae
 YUCCA, yucca, Spanish-bayonet,
 dagger plant
- Yucca brevifolia* Engelm. in Wats.
 Agavaceae
 YUCCA, Joshua tree
- Yucca glauca* Nutt.
 Agavaceae
 YUCCA, soapweed, soapwell
- Yucca whipplei* Torr. in Emory
 Agavaceae
 our Lord's candle
- yu-zhu
 see *Polygonatum odoratum*

YU-ZHU (AROMATIC SOLOMON'S SEAL)
 see *Polygonatum odoratum*
Zanthoxylum americanum Mill.
 Rutaceae
NORTHERN PRICKLY-ASH,
 toothache tree
Zanthoxylum clava-herculis L.
 Rutaceae
SOUTHERN PRICKLY-ASH,
 Hercules'-club
Zanthoxylum simulans Hance
 Rutaceae
SICHUAN PEPPER
Zea mays L.
 Poaceae
CORN, CORNSILK - stigmas,
 maize
 zedoary
 see *Curcuma zedoaria*
 ze-xie
 see *Alisma orientale*
ZE-XIE (ALISMA)
 see *Alisma orientale*
 zha-cai
 see *Brassica juncea* var. *timida*
ZHA-CAI (SICHUAN PRESERVED VEGETABLE)
 see *Brassica juncea* var. *timida*
 zhe-bei-mu
 see *Fritillaria thunbergii*
ZHE-BEI-MU (CHEKIANG FRITILLARY)
 see *Fritillaria thunbergii*
 zhi-mu
 see *Anemarrhena asphodeloides*

ZHI-MU (ANEMARRHENA)
 see *Anemarrhena asphodeloides*
 zhi- zi
 see *Gardenia jasminoides*
ZHI-ZI (GARDENIA FRUITS)
 see *Gardenia jasminoides*
 zhu-ling
 see *Wolfiporia cocos*
Zingiber officinale Roscoe
 Zingiberaceae
GINGER
Ziziphus jujuba Mill.
 Rhamnaceae
JUJUBE (DA-ZAO), Chinese jujube, jujube dates
Ziziphus jujuba var. *spinosa* Hu
 = *Ziziphus spinosa*
Ziziphus spinosa Hu
 Rhamnaceae
JUJUBE SEEDS (SUAN-ZAO-REN)