



**Lao People Democratic Republic**  
**Peace Independence Democracy Unity Prosperity**

Prime Minister's office

No. 155/PM

**Decree**  
**on Natural resource for medicines (Pharmaceutical Natural resource)**

Reference to:

- The Law on Government of Lao PDR Ref no 01/95/NA, dated 8 March 1995;
- Law on Forestry Ref no 01/96, dated 11 October 1996;
- Law on Drug and medical products Ref no 01/NA, dated 8 April 2000.
- Request of the Minister of Ministry of Health.

The Prime Minister hereby issues this decree

**Section I**  
**General Provisions**

**Article 1. Objective**

This decree aims to set out requirements, principles, measures on the promotion, control, delve, production, plantation, nurture and the use of pharmaceutical natural resources in order to protect pharmaceutical natural resource, prosperity of nature and to ensure the sustainability of pharmaceutical natural resources.

**Article 2. Definitions of medicinal natural resource**

Medicinal natural resources are the medicinal natural material (Material Medical Pharmacognosy/matiere medicale) or any material which is sourced from natural sources such as: plant, animal and minerals that can be used as raw materials for traditional or modern medicines production.

**Article 3. The obligation to promote, manage and protect pharmaceutical natural resources**

All related public organizations at all levels have a duty to supervise, direct, manage, promote the protection of pharmaceutical natural resources, plant medicinal plants and animal husbandry for medicine through information dissemination, educating citizen to perceive the importance and value of pharmaceutical natural resources in the healthcare of the population and the national economic development and benefits that the citizen will receive from paying attention to the protection and management of pharmaceutical natural resources.

Lao citizen, aliens, non-citizen and foreigner residing in Lao PDR, who are permitted to conduct business and produce medicines from pharmaceutical natural resources, have an obligation to protect the aforementioned natural resources, and have a duty to plant and nurture supplementary ones to compensate the utilized ones in order to ensure sustainability.

#### **Article 4. Basic principles for promoting the use, management, protection and plantation\husbandry of pharmaceutical natural resources**

Basic principles to promote, manage, and protect pharmaceutical natural resources are as follows:

1. Regard management and protection of pharmaceutical natural resources as main function, and take the plantation and husbandry to supplement the use up as an important work.
2. The exploitation of medicinal natural resources shall be correlated with research work; the production of traditional and modern medicines shall have an administrative and protective plan.
3. Individuals, organizations in Lao PDR and beneficiaries from the use of pharmaceutical natural resources have a duty to protect national medicinal natural resources,
4. Any individual or organization who causes damage to medicinal natural resources and pharmaceutical resources shall be accountable to the law;
5. The medicinal natural resources shall be used effectively and according to the plan for a sustainable development of biodiversity.

#### **Article 5. International coordination and cooperation**

The state widely welcomes and supports international cooperation in terms of investment, exchange of experiences, human resources development and others based on government policy on implementing protection and management of natural resources for medicines.

### **Section II**

#### **Management, Protection, Exploration and Use of Medical Natural Resources**

#### **Article 6. Exploration of the medicinal natural resources**

The exploration, post-harvest of medicinal natural resources, should have proper method and technique. Also the exploration should be conducted in the right season that has least impact on the expansion of plant and animal breed for sustainability of the medicinal natural resources.

#### **Article 7. Category and type of medicinal national resources**

Medicinal natural resources are divided into the following categories and types:

1. Medicinal plants, animals and minerals that are not easily discovered in nature and are likely to be extinct are classified in the list of group I;

2. Medicinal plant, animal and minerals that have economic potential and could be used to produce goods for domestic consumption and export are classified in the list of group II;
3. Medicinal plant, animal and minerals that are widespread in nature are classified in the list of group III;
4. Drug Regulatory Authorities in manufacturing or exporting countries shall be controlled by Food and Drug Department of the Ministry of Health.

#### **Article 8. Control and permit of the medicinal natural resources' exploration**

Individuals or organizations who explore, hunt medicinal animals, transport, operate storage, process and make use of medicinal natural resources shall be authorized by the relevant authorities and be strictly compliant with the Law on drug and medical products, Law on Forestry, Law on environment protection and other related regulations:

1. Harvest, exploration of medicinal plant and hunting of medicinal animals classified in the list of group I shall be permitted by Ministry of Health and related agencies;
2. Harvest, exploration of medicinal plant and hunting of medicinal animal classified in the list of group II shall be covered by a harvesting plan and substitute planting plan that shall be authorized by the Ministry of Health and related agencies;
3. Harvest, exploration of medicinal plant and hunting medicinal animal classified in the list of group III shall be conducted according to the principles and requirements of the Ministry of Health and related agencies;
4. Any import and export of medicinal seed, animal, insect, microorganism and minerals shall be strictly compliant with the requirements and measures related to the management of pharmaceutical resources;
5. The Government encourages Lao citizens to invest in planting and raising medicinal plants and animal respectively to become economic goods for domestic consumption or export. That aims to replace opium planting and slash-and-burn;
6. The government protects intellectual property of all types of the medicinal natural resources and traditional knowledge including successful outcomes of scientific researches toward such matters both within the country and abroad.

#### **Article 9. The obligation medicinal natural resources' exploration**

Individuals and organizations who obtain a permit to explore or harvest medicinal plants and hunt medicinal animals to be used in the production and distribution within the country and abroad shall implement obligations in accordance to a decision of the approved authorities in order to contribute in the maintenance and restoration of the ecology system.

**Section III**  
**Administrative and Protective Authority of Medicinal Natural Resources**

**Article 10. The administrative and protective authority of medicinal natural resources**

The administrative and protective authority of the medicinal natural resources comprises central and local authorities:

- a. The administrative authority at the central level is the ministry of Health that has the following duties:
  1. Develop legislations and measures to administer, explore, use and protect the medicinal natural resources;
  2. Control the exploration and use of medicinal natural resources;
  3. Supervise a survey of the medicinal natural resources to improve or add to the list of medicinal natural resources that need to be recorded in the list for a conservation and protection of the aforementioned resources;
  4. Organize scientific research continuously, search for medical substance for the development and use, and production of drugs treated diseases.
  5. Provide comments to competent authorities for issuing investment permits to explore and administer medicinal natural resources;
  6. International cooperation on management, exploration and protection of the medicinal natural resources;
  7. Coordinate and cooperate with the Ministry of agriculture in administering, exploring and protecting medicinal natural resources.
  8. Coordinate with the ministry of finance and other related agencies to control the expiration of medicinal resources which are banned, and prohibited for export;
- b. The administrative and protective authorities at local level in provincial, Capital and special area are health authorities that have the following rights and duties:
  1. Identify, classify the type of medicinal natural resources that are not easily discovered, have economic value and are widespread to protect, develop and expand medicinal natural resources;
  2. Control the exploration, use and conservation of medicinal natural resources in their own area;
  3. Conduct a survey about the medicinal natural resources especially the medicinal plants that are available in local area, and pay attention to species that are likely extinct or harvested in a significant quantity. They shall be added to the list of the medicinal plant for conservation;
  4. Implement the requirements and measures identified by the central administrative and protective authority of medicinal natural resources;

5. Provide advice to provincial, Vientiane capital and special zone authorities on the management, exploitation, exploration and protection of medicinal natural resources;
6. Cooperate with the provincial, Vientiane Capital, special zone office of agriculture and forestry in the activities of management, exploitation, exploration, and protection of medicinal natural resources;
7. Report about the management, exploitation, exploration and protection of medicinal natural resources to the central administrative and protective authority of the medicinal natural resources regularly;
8. Implement other functions as being assigned.

#### **Section IV Incentive and sanction**

##### **Article 11. Incentive**

Individuals or organizations that are outstanding in contributing to the protection of medicinal natural resources shall be commended or given incentives appropriately.

##### **Article 12. Sanction for infringers**

Individuals or organizations that violate this Degree shall be educated, fined or prosecuted based on the law depending on whether the case is serious or not including a compensation for damages occurred from such infringement.

#### **Section IV Final Provision**

##### **Article 13. Implementation**

The Ministry of Health, related agencies and local authority shall be responsible for strict implementation of these regulations

##### **Article 14. Effectiveness**

The decree on medicinal natural resources is effective from the date of signature. The regulation, directive and provisions that are contradicted with this decree shall be cancelled.

Vientiane Capital, 30th September 2003

**Prime- Minister of Lao PDR  
(Signed and sealed)  
Bounyang VOLACHITH**

- **The list of medicinal natural resources**

no	Name in Lao	Scientific name	Group I	Group II	Group III	The part to use as medicine
1	Cow ba	Bos sauveli	+			Horn,bone
2	Elephant	Elephas maximus	+			Bone,back
3	Wild buffalo	Elephas maximus	+			horn
4	Wild cow	Bubalus bubalis	+			Bile,horn
5	Meuy	Bos gaurus	+			Bile,tooth
6	Meuy	Helarctors malayanus	+			Bile,tooth
7	Black bear	Selenarctos thibetanus	+			Bile,tooth
8	ໂອ່ງ,ມ້່ງ	Cervus eldi	+			Horn
9	ເຍືອງຜາ	Nemorhedus caudatus	+			Blood,horn,bone, bile
10	ຂາແດງ	Pygathix nemaue	+			stomach
11	ທະນີທຸກ ຊະນິດ All type of gibbon	Hylobates sp	+			Stomach,bone
12	ຄ່າງ(ໂຄງ)	Presbytes franciosis	+			Stomach,bone
13	ຕະລຸງ	Presbytes cristatus	+			Stomach,bone
14	ຟານດົງ barkong deer	Megamuntiacus vuquangensis	+			horn
15	ໝາປ່າ wolf	Cuon alpinus	+			Tooth,bile
16	ກະທິງbull	Rhinoceros ulsicornis	+			Horn,bone,bile
17	ກວາງ deer	Cervus unicolor	+			horn
18	ໄກ້	Tragulus javanicus	+			horn
19	ໝູປ່າ Wild pig			+		Bone,tooth,chin
20	ລິງ monkey	Macaca sp		+		Stomach, brain

21	ລິງລົມ	Nicticebus coucang		+		Skin,Hair,
22	ເຍືອງ	Capricornis sumatrensis		+		Oil,horn
23	ໝາລິງ	Melogale personata		+		oil
24	ໝູລິງ	Arctonyx collaris		+		oil
25	ສິງ leo	Panthera leo		+		Bile,bone,tooth
26	ເສືອລາຍເມກ tiger	Neofelis nebalosa		+		all
27	ເສືອໄຟ fire tiger	Felis temmincki		+		All
28	ເສືອປ່າ wild cat	Felis viverrina		+		All
29	ເສືອໂຄ່ງ Bengal tiger	Pnthera tigris L		+		All
30	ເສືອດາວ leopard	Panthera pardus		+		Hair,tooth
31	ແຮດ Rhinocerotod	Rhinoceros unicornis L		+		All
	Poultry					
1	ໄກ່ປ່າ Jungle fowl	Gallus gallus		+		Spur
2	ໄກ່ຂວາ	Lophura nycthemera		+		Spur
3	ໄກ່ດຳ Black chiken			+		All
4	ກາ crow	Corvus macrorhynchos		+		Bone,all
5	ນົກຍຸງ peacock	Pavo muticus		+		Hair,bile,bone
6	ນົກຫົງ	Pelecanus philipensis		+		Hair,lip

7	ນົກສາລິກາ	Gracula religioss	+			Bile,bone
8	ນົກເປັດກາ ປີກຂາວ	Cairina scutulata	+			Oil
9	ນົກແອ່ນ			+		Nest
10	ນົກກອງກອດ	Polyplectron bicalearatum	+			Lip,spur
11	ນົກກາຮິງ			+		All
12	ນົກກົກ	Buceros bicornis	+			Lip
13	ນົກກາໄຊ			+		All
14	ເຜິ້ງ bee				+	Honey,nest
15	ເຈຍ				+	Faecal
16	ຕໍ່				+	Nest
17	ຂີ້ສູດ				+	Nest
18	ແຮ້ງ vulture	Sarcogyps calvas		+		Bone
19	ແຫລວ	Fam:Accipitridac		+		Bone,lip
20	ຮຸ້ງ		+			Bone,lip
	<b>Reptile</b>					
1	ແຂ້ crocodile	Crocodylus siamensis	+			Tooth, bile
2	ເຕົ່າ turtle	Chinemys reevesii		+		Bone, breast, back
3	ງູເຫຼືອມ python	Python reticulatus	+			Nack,bone,bile
4	ງູຫຼາມ python	Python molurus	+			Nack,bone,bile
5	ງູຈິງອາງ king cobra	Ophiophgus hannah	+			All
6	ງູເຫົ່າ cobra			+		All
7	ເໝ້ນ	Hystrix hodgsoni		+		Stomach, Bile ,bone
8	ລິ້ນ	Manis pentadactyla		+		shell
9	ປ່າງລົ້ວ	Hylopetes lepidus		+		Bone, stomach



10	ກັບແກ້ gecko	Gekko gekko L			+	all
11	ແລນ	Vanarus salvator		+		oil
12	ຈອນຟອນ			+		Bone, tooth
13	ອິ້ນ	Rhizomys sp		+		blood
14	ຫງອນ			+		Stomach, hair, bone
15	ກະທ້າງ	Calotes sp		+		Bone, chin
	<b>Fish</b>					
1	ປາຂ່າ	Orcaella brevirostris		+		Bile, oil
2	ປາຝາ	Carapax amydae		+		Bile, bone, breath, back
3	ປາຝາໄລ	Himantura chaophraya		+		bile
4	ຫອນເງືອກ			+		
5	ປາບຶກ	Pagasianodom gigas Chevey		+		Bile, oil, bone
6	ປາຫູໝາດ			+		Bile, oil, bone
7	ປາແຂ້			+		Bile, oil, bone
8	ປາຄໍ່				+	bile
9	ປາຄໍ່ກັງ			+		all
10	ປາກວານ			+		Bile, bone
11	ປາຊວຍ			+		oil
	<b>Plant</b>					
1	ກູດຕິນກຸ້ງ	Boerhaavia repens L.C36		+		root
2	ກົງສະເດັ່ນ	Croton sp		+		all
3	ເກດສະໜາ	Aquilaria agallocha Pierre		+		all
4	ເກື້ອມ	Canarium kerrii CRAIB A			+	Fruit, resin
5	ແກ້ວຮາກ ຫອມ	Alyxia divaricataPIT			+	Root

6	ກອກດ່ອນ	Spondias sp			+	bark
7	ກອຍ	Dioscorea hispida Venn			+	head
8	ກະຊາຍ (ຫວ້ານ)	Boesenbergia rotunda (L.) Mansf			+	head
9	ເກືອ	Diospyros mollis Griff		+		fruit
10	ກະທິ	Zingiber zerumbet (Linn.) Smith			+	head
11	ຂົມລະຫວານ ຈຸ້	Evodia lepta (Spreng) Merr		+		all
12	ຂີ້ໝິ່ນຕົ້ນ	Careya herbacea Roxb		+		trunk
13	ຂົງແຄງ ປາກັງ	Homalomena aromatica Schott			+	root
14	ເຄືອເຂົາສ່	Tinospora crispa MIERS			+	bunch
15	ຂະຍອມພູ	Rauwolfia serpentina Benth			+	root
16	ຂະຍອມພູ	R. verticillata (Lour.) Baill			+	root
17	ຂົງຜາ	Zingiber sp			+	head
18	ເຂົ້າຫຼາມດົງ	Goniothalamus saigonensis P			+	trunk
19	ແຄ່ຫອມ	Cinnamomum zeylanicum Nees		+		Bark ,leaf
20	ແຄ່ໝູ່	Cinnamomum obtusifolium Nees			+	Bark, leaf
21	ແຄ່ເຜັດ	Cinnamomum sp			+	Bark, leaf
22	ເຄັງ	Dialium cochinchinense P			+	trunk

23	ຈິນາຍກ້ອມ	Adenosma capitatum Benth			+	Leaf, trunk
24	ຈັນຈູມ	Amomum aromaticum Roxb			+	fruit
25	ຈັນໃດ	Dracaena cambodiana P			+	core
26	ຈອງບາ	Sterculia lychnophora HANCE			+	fruit
27	ຈັນບາ	Illicium verum Hook. F		+		Trunk, flower, fruit
28	ຈັນແດງ	Pterocarpus indicus L		+		Core
29	ສົ້ມມໍ	Terminalia chebula Retz			+	Fruit
30	ແສງເບື້ອ	Strychnos nux vomica L			+	Seed
31	ແສງຄຳຕົ້ນ	Terminalia nigrovenulosa P		+		Bark
32	ສົ້ມຂີ້ມ່ອນ	Embelia ribes Burm			+	Fruit
33	ໃສໂກ(ເຄືອ)	Morinda officinalis F.C.			+	Bunch
34	ສ່ອງພ້າ	Clausena harmandiana P		+		Leaf
35	ສີໄຄຕົ້ນ	Litsea cubeba (Lour.) Pers		+		Trunk, juice from tree
36	ໄສ້ຊ້າງ	Bauhinia sp		+		Bunch
37	ສະລິປີ	Piper retrofractum Wall		+		Fruit, bunch
38	ຊາງຈິງ	Dendrocalamus strictus Nees		+		Trunk
39	ຊັນຊີ	Zingiber sp.			+	Head

40	ຊ້າປ່າ	<i>Helicteres hirsuta</i> Lour			+	Bark
41	ຊາຍນອນ ລຽວ	<i>Pyrrhosia lingua</i> (Thunb.)			+	Root
42	ຊົມ(ເຄືອ)	<i>Streptocaulon</i> <i>tomentosum</i> W			+	Root, bunch
43	ຊ້າ	<i>Shorea falcata</i> J.E.			+	Trunk, root
44	ຊ້າຈວງ	<i>Cinnamomum cassia</i> BL			+	Bark, leaf
45	ຍາ(ກົກ)	<i>Styrax tonkinense</i> P			+	Resin
46	ຢາງບົງ	<i>Nothaphoebe</i> <i>umbelliflora</i> Bl			+	Bark
47	ຍົກບໍ່ຖອງ	<i>Eurycoma longifolia</i> Jack			+	Trunk, root
48	ຍໍ່ປ່າ	<i>Morinda tinctoria</i> Roxb			+	Trunk, leaf
49	ຍາງ(ຕົ້ນ)	<i>Hopea hainanensis</i> Merr			+	Bark
50	ດອກເຜິ້ງ	<i>Saccolabium</i> <i>albolineatum</i> Teysm			+	All
51	ແດງດ່ານ (ເຄືອ)	<i>Sargentodoxa cuneata</i> (Oliv) Rehd		+		Root, bunch
52	ດູ່ເລືອດ	<i>Pterocarpus</i> <i>macrocarpus</i> Kurz		+		Bark
53	ຕູມກາແດງ	<i>Strychnos</i> sp		+		Fruit, core
54	ໝາກຕູມ	<i>Aegle marmelos</i> Corr			+	fruit
55	ຕ່ອມເງິນ	<i>Stephania rotunda</i> Lour			+	head
56	ຕີນຈຳ	<i>Ardisia silvestris</i> Pit		+		Root, trunk

57	ຕິນເປັດ	<i>Alstonia scholaris</i> L			+	All
58	ຖົ່ມ	<i>Adenia cordifolia</i> (Willd) Hook			+	trunk
59	ເກົ້າສານ	<i>Rhapis laosensis</i> Becc			+	Trunk, root
60	ທຽນດຳ	<i>Abronia angusta</i>			+	Seed, fruit, trunk
61	ນົມຜາ	Stalactite/stalacmite			+	
62	ນ້ຳເຕົ້ານ້ອຍ	<i>Polyalthia suberosa</i> Benth.Hook			+	Trunk, root
63	ເບເບລິນ	<i>Mahonia nepalensis</i> D C	+			root
64	ບີຄົນ	<i>Brucea sumatrana</i> Roxb			+	trunk
65	ເປົ້າເລືອດ	<i>Croton robustus</i> Kurz		+		trunk
66	ປະດົງເລືອດ	<i>Dalbergia bariensis</i> P		+		bunch
67	ປໍສາ	<i>Broussonetia</i> <i>papyrifera</i> Vent			+	bark
68	ຜາສາມ	<i>Flacourtia montana</i> Grah			+	trunk
69	ຝົນແສນຫາ	<i>Stixis scandens</i> Lour		+		trunk
70	ຝາງແດງ	<i>Caesalpinia sappan</i> Linn	+			kernel
71	ພັງຄີ	<i>Croton tomentosus</i> Mull			+	root
72	ຟອດຟາວ	<i>Gouania leptostachya</i> D C			+	Bunch
73	ມັນອ້ອນລົງ	<i>Polygonum</i> <i>multiflorum</i> Thunb			+	Head
74	ມັນຂາໄກ່	<i>Codonopsis</i> sp			+	head

75	ໄມ້ໂລງເລງ	Fokienia hodginsii (Dunn.) A. Henry et Thomas			+	all
76	ມູກໃຫຍ່	Holarrhena antidysenterica Wall			+	bark
77	ມ່ວງກະສິ	Mangifera sp		+		bark
78	ມ້ວຍເລືອດ	Gnetum latifolium BL			+	bunch
79	ມອນກາ	Caesalpinia rhombifolia J.E		+		trunk
80	ມຸ້ງກະຕ່າຍ	Oldenlandia capitellata O.Kze		+		all
81	ຢານາງແດງ	Limacia sp		+		Root ,bunch
82	ຢາຫົວ	Smilax glabra Roxb			+	head
83	ເລັບມືນາງ	Schefflera elliptic Harms			+	Bark, trunk
84	ເລັບມືນາງໜາມ	Acanthopanax gracilistrylus W.W. Smith		+		Bark
85	ເລັບຮຸ້ງ	Celtis sp		+		bunch
86	ຫົວສາມສິບ	Stemona tuberosa Lour			+	head
87	ຫວ້ານລາຍ	Anoectochilus formosus Hayana		+		bark
88	ໜາດສ້ອຍ	Leonurus heterophyllus Sweet			+	Leaf, trunk
89	ຫາດມີ້	Artocarpus lakoocha Roxb		+		kernel
90	ໝາກແຕກ (ເຄືອ)	Celastrus paniculata Willd		+		Root, bunch
91	ແໜງ	Amomum ovoideum P		+		Fruit, root

92	ໝີອດຄົນ	Scleropyrum wallichianum Arnott			+	trunk
93	ອຸ່ນດ່ອນ	Osbeckia chinensis L		+		root
94	ອ້ອຍສາມສວນ	Streptocaulon extensum Wight			+	bunch
95	ຮັ່ງຂາວ	Taxus sp		+		trunk
96	ເຄື່ອແຮມ	Coscinium usitatum P		+		bunch