

Baccaurea ramiflora Lour., 1790

(Raisin birmane)

Identifiants : 4008/bacram

Association du Potager de mes/nos Rêves (<https://lepotager-demesreves.fr>)

Fiche réalisée par Patrick Le Ménahèze

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• **Classification phylogénétique :**

- **Clade : Angiospermes ;**
- **Clade : Dicotylédones vraies ;**
- **Clade : Rosidées ;**
- **Clade : Fabidées ;**
- **Ordre : Malpighiales ;**
- **Famille : Phyllanthaceae ;**

• **Classification/taxinomie traditionnelle :**

- **Règne : Plantae ;**
- **Division : Magnoliophyta ;**
- **Classe : Magnoliopsida ;**
- **Ordre : Euphorbiales ;**
- **Famille : Euphorbiaceae ;**
- **Tribu : Antidesmeae ;**
- **Genre : Baccaurea ;**

• **Synonymes :** x (=) basionym, *Baccaurea cauliflora* Lour. 1790, *Baccaurea sapida* (Roxb.) Müll. Arg. 1866, *Pierardia sapida* Roxb. 1832 ;

• **Synonymes français :** mafai ;

• **Nom(s) anglais, local(aux) et/ou international(aux) :** baccaurea, Burmese-grape, lantern tree, mafai , ma fai (local), mafai (id,th) ;



• **Note comestibilité :** ***

• **Rapport de consommation et comestibilité/consommabilité inférée (partie(s) utilisable(s) et usage(s) alimentaire(s) correspondant(s)) :**

Fruit (fruits^{2(+),27(+x),65(+x)} (chair^(dp*), feuille (jeunes et tendres feuilles^{((65+x)} [nourriture/aliment^{((dp*)}]) et fleur (jeunes et tendres fleurs crues^{((65+x)} ou cuites^(dp*) [nourriture/aliment^{((dp*)}]) comestible.

Détails :

Fruits consommés localement^{((27+x))}. L'arillode, douce à aigre, et pulpeuse, du fruit mûr, est mangée fraîche. Pour consommer le fruit il est conseillé de rompre le fruit ouvert avec les doigts et / ou de peler la peau ; la pulpe est ensuite consommée directement et le plus souvent les graines sont également ingérées. Le fruit est riche en vitamine C. En Thaïlande, une boisson du même nom est très populaire. Les fruits sont également utilisés pour la fabrication de vin. L'écorce des fruits est parfois utilisée pour la fabrication de chutney. Les jeunes et tendres feuilles et fleurs sont également consommées ; la fleur se mange crue en Inde du nord^{((65+x))}. Jeunes et tendres feuilles cuites (ex. : comme potherbe) ? (qp*).

Les fruits mûrs sont consommés crus. La couche charnue autour des graines est mangée. L'écorce du fruit peut être utilisée pour le chutney. Ils sont aigres / sucrés. Ils sont également utilisés pour le vin. Les jeunes feuilles et les fleurs sont consommées.

Partie testée : feuilles^{((0(+x))} (traduction automatique)
Original : Leaves^{((0(+x))}

Taux d'humidité	Énergie (kj)	Énergie (kcal)	Protéines (g)	Pro-vitamines A (µg)	Vitamines C (mg)	Fer (mg)	Zinc (mg)
	118	28	0.6	0	2	0	0



néant, inconnus ou indéterminés. *néant, inconnus ou indéterminés.*

- **Illustration(s) (photographie(s) et/ou dessin(s)):**



De gauche à droite :

Par Phuong Tran, via wikimedia
Par Xufanc, via wikimedia

- **Petite histoire-géo :**

- **Autres infos :**

dont infos de "FOOD PLANTS INTERNATIONAL" :

- **Statut :**

C'est une plante alimentaire cultivée. Les fruits sont vendus sur les marchés. Les fruits sont populaires^{(((0(+x)))}
(traduction automatique)

Original : It is a cultivated food plant. Fruit are sold in markets. The fruit are popular^{(((0(+x)))}.

- **Distribution :**

Une plante tropicale. Il pousse dans une forêt dense. Ils conviennent aux basses terres tropicales humides. Dans le Yunnan en Chine, il pousse entre 800 et 1100 m d'altitude. Il pousse dans les zones calcaires. Dans XTBG Yunnan^{(((0(+x)))}
(traduction automatique)

Original : A tropical plant. It grows in dense forest. They suit the humid tropical lowlands. In Yunnan in China it grows between 800-1100 m altitude. It grows in limestone areas. In XTBG Yunnan^{(((0(+x)))}.

- **Localisation :**

Andamans, Asie, Bangladesh, Bhoutan, Cambodge, Chine, Himalaya, Inde, Indochine, Indonésie, Laos, Malaisie, Myanmar, Népal, Nord-est de l'Inde, Asie du Sud-Est, Sikkim, Thaïlande, Vietnam^{(((0(+x)))}
(traduction automatique)

Original : Andamans, Asia, Bangladesh, Bhutan, Cambodia, China, Himalayas, India, Indochina, Indonesia, Laos, Malaysia, Myanmar, Nepal, Northeastern India, SE Asia, Sikkim, Thailand, Vietnam^{(((0(+x)))}.

- **Notes :**

Il existe environ 80 espèces de Baccaurea. Il est riche en activité antioxydante. Il est riche en vitamine C^{(((0(+x)))}
(traduction automatique)

Original : There are about 80 Baccaurea species. It is high in antioxidant activity. It is rich in Vitamin C^{(((0(+x)))}.

- Liens, sources et/ou références :

- ⁵"Plants For a Future" (en anglais) : https://pfaf.org/user/Plant.aspx?LatinName=Baccaurea_ramiflora ;
dont classification :
- "The Plant List" (en anglais) : www.theplantlist.org/tpl1.1/record/kew-18676 ;
◦ "GRIN" (en anglais) : <https://npgsweb.ars-grin.gov/gringlobal/taxon/taxonomydetail?id=312576> ;
dont livres et bases de données : ²⁷Dictionnaire des plantes comestibles (livre, page 44, par Louis Bubenicek), 65"Edible Medicinal and Non-Medicinal Plants" (livre en anglais, volume 4, page 248 à 251, par T.K. Lim) ;
dont biographie/références de ⁰"FOOD PLANTS INTERNATIONAL" :
A. L. P. P. de Candolle, Prodr. 15(2):459. 1866 (As Baccaurea sapida) ; Aiguo, C. & Zhiling, D., 2001, Managing Agricultural Resources for Biodiversity Conservation. Case Study Yunnan, Southwest China. Environment Liaison Center International. p 15, 44 ; Altschul, S.V.R., 1973, Drugs and Foods from Little-known Plants. Notes in Harvard University Herbaria. Harvard Univ. Press. Massachusetts. no. 2152, no. 2153 (As Baccaurea cauliflora) ; Ambasta S.P. (Ed.), 2000, The Useful Plants of India. CSIR India. p 65 ; Anderson, E. F., 1993, Plants and people of the Golden Triangle. Dioscorides Press. p 203 ; Arora, R. K., 2014, Diversity in Underutilized Plant Species - An Asia-Pacific Perspective. Bioversity International. p 60 ; Baishya, S. Kr., et al, 2013, Survey of Wild Edible Fruits of Dhubri District, Assam, India. Plant Archives Vol 13 (1): 155-158 ; Bircher, A. G. & Bircher, W. H., 2000, Encyclopedia of Fruit Trees and Edible Flowering Plants in Egypt and the Subtropics. AUC Press. p 51 (Also as Baccaurea wrayi and Baccaurea cauliflora and Baccaurea oxycarpa and Baccaurea sapida and Baccaurea wrayi) ; Brahma, S., et al, 2013, Wild edible fruits of Kokrajhar district of Assam, North-East India, Asian Journal of Plant Science and Research 3(6):95-100 ; Burkill, I.H., 1966, A Dictionary of the Economic Products of the Malay Peninsula. Ministry of Agriculture and Cooperatives, Kuala Lumpur, Malaysia. Vol 1 (A-H) p 284 (As Baccaurea wrayi) ; Cengel, D. J. & Dany. C., (Eds), 2016, Integrating Forest Biodiversity Resource Management and Sustainable Community Livelihood Development in the Preah Vihear Protected Forest. International Tropical Timber Organization p 110 ; Chakraborty, S. & Chaturbedi, H. P., 2014, Some Wild Edible Fruits of Tripura- A Survey. Indian Journal of Applied research. (4) 9 ; Das, T. & Das, A. K., 2005, Inventorying plant biodiversity in homegardens: A case study in Barak Valley, Assam, North East India. CURRENT SCIENCE, VOL. 89, NO. 1, 10 JULY 2005 ; Delang, C. O., 2007, Ecological Succession of Usable Plants in an Eleven-Year Fallow Cycle in North Lao P.D.R., Ethnobotany Research and Applications. Vol. 5:331-350 (As Baccaurea oxycarpa) ; Devi, O.S., P. Komor & D. Das, 2010, A checklist of traditional edible bio-resources from Ima markets of Imphal Valley, Manipur, India. Journal of Threatened Taxa 2(11): 1291-1296 (As Baccaurea sapida) ; Dobriyal, M. J. R. & Dobriyal, R., 2014, Non Wood Forest Produce an Option for Ethnic Food and Nutritional Security in India. Int. J. of Usuf. Mngt. 15(1):17-37 ; Eiadthong, W., et al, 2010, Management of the Emerald Triangle Protected Forests Complex. Botanical Consultant Technical Report. p 23 ; Ethnobotany of Karbis. Chapter 4 in p 103 ; Flora of China Vol. 11, p 216 and Flora of China. www.eFloras.org ; Forest Inventory and Planning Institute, 1996, Vietnam Forest Trees. Agriculture Publishing House p 191 (As Baccaurea oxycarpa) ; Ghorbani, A., et al, 2012, A comparison of the wild food plant use knowledge of ethnic minorities in Naban River Watershed Nature Reserve, Yunnan, SW China. Journal of Ethnobiology and Ethnomedicine; 8:17 ; Hazarika, T. K., et al, 2012, Studies on wild fruits of Mizoram, India used as ethno-medicines. Genetic Resources and Crop Evolution. Published on line 03 February, 2012 ; Hedrick, U.P., 1919, (Ed.), Sturtevant's edible plants of the world. p 89 (As Baccaurea sapida) ; Hu, Shiu-ying, 2005, Food Plants of China. The Chinese University Press. p 509 ; Jeeva, S., 2009, Horticultural potential of wild edible fruits used by the Khasi tribes of Meghalaya. Journal of Horticulture and Forestry Vol. 1(9) pp. 182-192 (Also as Baccaurea sapida) ; Jin, Chen et al, 1999, Ethnobotanical studies on Wild Edible Fruits in Southern Yunnan: Folk Names: Nutritional Value and Uses. Economic Botany 53(1) pp 2-14 ; Kachenchart, B., et al, 2008, Phenology of Edible Plants at Sakaerat Forest. In Proceedings of the FORTROP II: Tropical Forestry Change in a Changing World. Bangkok, Thailand. ; Kar, A., & Borthakur, S. K., 2008, Wild edible fruits of Karbi's of Karbi Anglong district of Assam, India, Pleione 2(2): 175-181 (As Baccaurea sapida) ; Lalfakzuala, R., 2007, Ethnobotanical usages of plants in western Mizoram. Indian Journal of Traditional Knowledge. Vol 6(3) pp 480-493 ; Lungphi, P., Wangpan, T. & Tangjang, S., 2018, Wild edible plants and their additional uses by the Tangsa community living in the Changlang district of Arunachal Pradesh, India. Pleione 12(2): 151 - 164. 2018. ; Macmillan, H.F. (Revised Barlow, H.S., et al) 1991, Tropical Planting and Gardening. Sixth edition. Malayan Nature Society. Kuala Lumpur. p 294 ; Medhi, P., Sarma, A and Borthakur, S. K., 2014, Wild edible plants from the Dima Hasao district of Assam, India. Pleione 8(1): 133-148 ; Maikhuri, R. K, and Gangwar, A. K., 1993, Ethnobiological Notes on the Khasi and Garo Tribes of Meghalaya, Northeast India, Economic Botany, Vol. 47, No. 4, pp. 345-357 (As Baccaurea sapida) ; Manju, S., and Sundriyal, R. C., 2001, Wild Edible Plants of the Sikkim Himalaya: Nutritive Values of Selected Species. Economic Botany 55(3): 377-390 (As Baccaurea sapida) ; Manju Sundriyal, and R. C. Sundriyal, 2003, Underutilized edible plants of the Sikkim Himalaya: Need for domestication. Current Science, Vol. 85, No. 6, p 731 (As Baccaurea sapida) ; Mann, S., et al, 2016, Evaluation of nutritional and phytochemical profiling of Baccaurea ramiflora Lour. syn. Baccaurea sapida (Roxb.) Mull.Arg. fruits. Indian Journal of Traditional Knowledge. Vol. 15(1) PP. 135-142 ; Martin, F.W. & Ruberte, R.M., 1979, Edible Leaves of the Tropics. Antillian College Press, Mayaguez, Puerto Rico. p 191 (As Baccaurea sapida) ; Martin, M.A., 1971, Introduction L'Ethnobotanique du Cambodge. Centre National de la Recherche Scientifique. Paris. (As Baccaurea sapida) ; McMakin, P.D., 2000, Flowering Plants of Thailand. A Field Guide. White Lotus. p 106 (As Baccaurea sapida) ; Medhi, P. & Borthakur, S. K., 2012, Phytoresources from North Cachur Hills of Assam -3: Edible plants sold at Hflong market. Indian Journal of Natural Products and Resources. 3(1) pp 84-109 ; Milow, P., et al, 2013, Malaysian species of plants with edible fruits or seeds and their evaluation.

International Journal of Fruit Science. 14:1, 1-27 ; *Mot So Rau Dai an Duoc O Vietnam. Wild edible Vegetables. Ha Noi* 1994, p 222 ; *Murtem, G. & Chaudhrey, P., 2016, An ethnobotanical note on wild edible plants of Upper Eastern Himalaya, India. Brazilian Journal of Biological Sciences,* 2016, v. 3, no. 5, p. 63-81 (As *Baccaurea sapida*) ; *Ong, H., et al, 2012, Traditional knowledge and usage of edible plants among the Semai community of Kampung Batu 16, Tapah, Perak, Malaysia. Scientific Research and Essays Vol. 7(4), pp. 441-445, 30 January, 2012 ; Pandey, Y., Upadhyay, S. & Bhatt, S. S., 2018, Phyto-chemical constituent os some wild edible fruits of Sikkim Himalaya. Journal of Pharmacognosy and Phytochemistry 2018; 7(3): 1045-1047 (As *Baccaurea sapida*) ; Partha, P., 2014, Ethnobotany of the Laleng (Patra) Community in Bangladesh. *Journal of Pharmacognosy and Phytochemistry.* 2(6):173-184 ; Patiri, B. & Borah, A., 2007, *Wild Edible Plants of Assam.* Geethaki Publishers. p 126 ; Paul, A., 2013, *Minor and uncultivated fruits of Eastern India, 2nd International Symposium on Minor Fruits and Medicinal Plants (As *Baccaurea sapida*) ; Pegu, R., et al, 2013, Ethnobotanical study of Wild Edible Plants in Poba Reserved Forest, Assam, India. Research Journal of Agriculture and Forestry Sciences 1(3):1-10 ; Pfoze, N. L., et al, 2012, Assessment of Local Dependency on Selected Wild Edible Plants and fruits from Senapati district, Manipur, Northeast India. Ethnobotany Research & Applications 10:357-367 (As *Baccaurea sapida*) ; Pfoze, N. L., et al, 2012, Survey and assessment of floral diversity on wild edible plants from Senapati district of Manipur, Northeast India. *Journal of Biodiversity and Environmental Sciences.* 1(6):50-52 (As *Baccaurea sapida*) ; Phon, P., 2000, *Plants used in Cambodia.* © Pauline Dy Phon, Phnom Penh, Cambodia. p 83 ; PROSEA (Plant Resources of South East Asia) handbook, Volume 2, 1991, *Edible fruits and nut.* p 98 ; PROSEA handbook Volume 9 *Plants yielding non-seed carbohydrates.* p 187 ; Purseglove, J.W., 1968, *Tropical Crops Dicotyledons.* Longmans. p 139 (As *Baccaurea sapida*) ; Rymbai, H., et al, 2016, *Analysis study on potential underutilized edible fruit genetic resources of the foothills track of Eastern Himalayas, India. Genetic. Resourc. Crop Evol.* (2016) 63:125-139 ; Sang, D. T., & Mizoue, K. O. N., 2012, *Use of Edible Forest Plants among Indigenous Ethnic Minorities in Cat Tien Biosphere Reserve, Vietnam. Asian Journal of Biodiversity Vol. 3 (1), p 23-49 (Also as *Baccaurea oxycarpa*) ; Sarma, H., et al, 2010, Updated Estimates of Wild Edible and Threatened Plants of Assam: A Meta-analysis. International Journal of Botany 6(4): 414-423 ; Savita, et al, 2006, *Studies on wild edible plants of ethnic people in east Sikkim. Asian J. of Bio Sci.* (2006) Vol. 1 No. 2 : 117-125 (As *Baccaurea sapida*) ; Sawian, J. T., et al, 2007, *Wild edible plants of Meghalaya, North-east India. Natural Product Radiance Vol. 6(5): p 413 (Also as *Baccaurea sapida*) ; Singh, B., et al, 2012, Wild edible plants used by Garo tribes of Nokrek Biosphere Reserve in Meghalaya, India. Indian Journal of Traditional Knowledge. 11(1) pp 166-171 ; Singh, V. B., et al, (Ed.) *Horticulture for Sustainable Income and Environmental Protection.* Vol. 1 p 214 ; Singh, H.B., Arora R.K., 1978, *Wild edible Plants of India. Indian Council of Agricultural Research, New Delhi.* p 50 (As *Baccaurea sapida*) ; Singh, P.K., Singh, N.I., and Singh, L.J., 1988, *Ethnobotanical Studies on Wild Edible Plants in the Markets of Manipur - 2. J. Econ. Tax. Bot.* Vol. 12 No. 1 pp 113-119 (As *Baccaurea sapida*) ; Singh, K.K., Singh, M. & Joshi, S. C., 2014, *Phenolic content and Antioxidant Activity of some Underutilized Wild Edible Fruits of the Sikkim Himalaya. SMU Medical Journal.* Vol. 1, No. 2 July 2014 (As *Baccaurea sapida*) ; Suksri, S., et al, 2005, *Ethnobotany in Bung Khong Long Non-Hunting Area, Northeast Thailand. Kasetsart J., (Nat. Sci) 39: 519-533 ; Sundriyal, M., et al, 1998, Wild edibles and other useful plants from the Sikkim Himalaya, India. Oecologia Montana 7:43-54 (As *Baccaurea sapida*) ; Sundriyal, Manju and Sundriyal R. C., 2001, *Seed Germination and Response of Stem-cuttings to Hormonal Treatment in Six Priority Wild Edible Fruit Species in Sikkim Himalaya. Indian Forester Vol. 127 No. 6 June 2001. pp 695-717 ; Sundriyal, M. & Sundriyal, R. C., 2001, Wild Edible Plants of the Sikkim Himalaya: Nutritive Value of Selected Species. Economic Botany 55(3): 377-390 (As *Baccaurea sapida*) ; Sundriyal, M. & Sundriyal, R. C., 2003, *Underutilized edible plants of the Sikkim Himalaya: Need for domestication. Current Science.* Vol. 85, No. 6 ; Sundriyal, Manju and R. C. Sundriyal, *Wild Edible Plants of the Sikkim Himalaya: Marketing, Value Addition and Implications for Management. Economic Botany:* Vol. 58, No. 2, pp. 300-315 (As *Baccaurea sapida*) ; Sundriyal, M., et al, 2004, *Dietary Use of Wild Plant Resources in the Sikkim Himalaya, India. Economic Botany 58(4) pp 626-638 (As *Baccaurea sapida*) ; Teron, R. & Borthakur, S. K. 2016, *Edible Medicines: An Exploration of Medicinal Plants in Dietary Practices of Karbi Tribal Population of Assam, Northeast India. In Mondal, N. & Sen, J.(Ed.) Nutrition and Health among tribal populations of India.* p 151 ; Thitiprasert, W., et al, 2007, *Country report on the State of Plant Genetic Resources for Food and Agriculture in Thailand (1997-2004). FAO p 95 ; Turreira Garcia, N., et al, 2017, Ethnobotanical knowledge of the Kuy and Khmer people in Prey Lang, Cambodia. Cambodian Journal of Natural History 2017 (1): 76-101 ; Uprety, Y., et al, 2016, Traditional use and management of NTFPs in Kangchenjunga Landscape: implications for conservation and livelihoods. *Journal of Ethnobiology and Ethnomedicine* (2016) 12:19 ; USDA, ARS, National Genetic Resources Program. Germplasm Resources Information Network - (GRIN). [Online Database] National Germplasm Resources Laboratory, Beltsville, Maryland. Available: www.ars-grin.gov/cgi-bin/npgs/html/econ.pl (10 April 2000) ; Van Sam, H. et al, 2008, *Uses and Conservation of Plant Species in a National Park. A case study of Ben En, Vietnam. Economic Botany 62:574-593 ; www.nationalherbarium.nl/thaueuph/ Flora of Thailand. ; Xu, Z., Tao, G. & Tan, J., 1988, Tropical Wild Flowers and Plants in Xishuangbanna, Agricultural Publishing House. photo 108 ; Zawiah, N. & Othaman, H., 2012, 99 Spesies Buah di FRIM. Institut Penyelidikan Perhutanan Malaysia. p 60*********