

Emilia sonchifolia (L.) DC. ex Wight

Identifiants : 12668/emison

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 : Astéridées ;
- Clade : Campanulidées ;
- Ordre : Asterales ;
- Famille : Asteraceae ;

• **Classification/taxinomie traditionnelle :**

- Règne : Plantae ;
- Division : Magnoliophyta ;
- Classe : Magnoliopsida ;
- Ordre : Asterales ;
- Famille : Asteraceae ;
- Genre : Emilia ;

• **Synonymes :** *Cacalia sonchifolia L.*, *Crassocephalum sonchifolium (L.) Less.*, *Emilia grandiflora DC.*, *?Emilia marivelensis Elmer*, *Emilia purpurea Cass.*, *Emilia rigidula DC.*, *Emilia sinica Miq.*, *Gynura ecalyculata DC.*, *Senecio sonchifolius (L.) Moench*, *Senecio sonchifolius var. bogorensis Hochr.* ;

• **Nom(s) anglais, local(aux) et/ou international(aux) :** Purple emily, Sowthistle tasselflower, , Akogbo, Chaulene jhar, Co chua le, Co mat troi, Dhamapon, Djonge, Emilia, Floras paint brush, Fua lele, Genta ao, Gbolo, Haang plaa chon, Hangplachon, Han-ik, Hirankhurai, Hirankhuri, Hu pla choon, Jonge, Kemendilan, Kemondelan, Ketumbit jantan, Kirikulhlha, Lamlampaka, Linpi, Makka, Momelan, Mulshevi, Muyalcheviyan, Muyalkivi, Nanara, Odundun odo, Paklinpii, Patah kemudi, Phakbang, Phakdaeng, Phak kat nok khao, Phak lin pii, Pisowa-pisowa, Rau ma la rau muong, Rauvivi, Red tassel Flower, Rubolbol, Sadamandi, Sadhimodi, Sarap, Setumbak merah, Snau reang tuk, Tagulinao, Tempuh wiyang, Tori phool, Ye xia hong, Yiehsia-hung ;



• **Note comestibilité :** ***

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

Feuilles et jeunes pousses - crues ou cuites ; utilisé comme légume ; la plante entière, y compris les fleurs, peut être consommée crue ou cuite ; les feuilles sont généralement récoltées et utilisées avant la floraison ; la plante en poudre est utilisée pour préparer un gâteau fermenté avec de la levure (appelée marcha au Népal) à partir de laquelle la liqueur est distillée⁽⁽⁵⁺⁾⁾.

Les jeunes feuilles sont cuites et consommées comme légume. Ils peuvent également être consommés crus. Ils sont consommés avant que la plante ne commence à fleurir. Ils sont également utilisés dans les soupes. Les jeunes fleurs non ouvertes peuvent également être consommées

Partie testée : plante^{((0(+x)) traduction automatique)}

Original : Plant^{((0(+x))}

Taux d'humidité	Énergie (kj)	Énergie (kcal)	Protéines (g)	Pro-vitamines A (µg)	Vitamines C (mg)	Fer (mg)	Zinc (mg)
82.3	46	11	3.0	0	1	0	0



néant, inconnus ou indéterminés.

- Note médicinale : **

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



Par Blanco, M., *Flora de Filipinas*, ed. 3 (1877-1883) Fl. Filip., ed. 3 t. 282, via plantillustrations

- Autres infos :

dont infos de "FOOD PLANTS INTERNATIONAL" :

- Statut :

C'est un légume cultivé commercialement. Les feuilles sont vendues sur les marchés en Indonésie^{(((0+x)) (traduction automatique)}.

Original : It is a commercially cultivated vegetable. Leaves are sold in markets in Indonesia^{(((0+x))}.

- Distribution :

Une plante tropicale. Il pousse dans des endroits plus chauds. Il se produit aux Philippines de Luzon à Basilan dans les prairies ouvertes et les terrains vagues. Les plantes sont endommagées par le gel. Il convient aux sols bien drainés et aux positions ensoleillées. Au Népal et à Java, il atteint 1700 m d'altitude. Il convient aux zones de rusticité 9-11. Au Sichuan et au Yunnan^{(((0+x)) (traduction automatique)}.

Original : A tropical plant. It grows in warmer places. It occurs in the Philippines from Luzon to Basilan in open grassland and waste places. Plants are damaged by frost. It suits well drained soils and sunny positions. In Nepal and Java it grows to 1700 m altitude. It suits hardiness zones 9-11. In Sichuan and Yunnan^{(((0+x))}.

- Localisation :

Africa, American Samoa, Asia, Australia, Benin, Cambodia, Central Africa, Central America, China, Congo, Cuba, Dominican Republic, East Africa, East Timor, Equatorial-Guinea, Fiji, France, Ghana, Guiana, Guianas, Guinea, Guinâe, Guiné-Bissau, Guyana, Haiti, Hawaii, Himalayas, India, Indochina, Indonesia, Japan, Laos, Malaysia, Maldives, Mozambique, Myanmar, Nepal, Nigeria, North America, Northeastern India, Pacific, Papua New Guinea, PNG, Philippines, Puerto Rico, São Tome and Príncipe, SE Asia, Senegal, Sierra Leone, Slovenia, South America, Suriname, Taiwan, Thailand, Timor-Leste, Tonga, USA, Vanuatu, Venezuela, Vietnam, West Africa, West Indies^{(((0+x)) (traduction automatique)}.

Original : Africa, American Samoa, Asia, Australia, Benin, Cambodia, Central Africa, Central America, China, Congo, Cuba, Dominican Republic, East Africa, East Timor, Equatorial-Guinea, Fiji, France, Ghana, Guiana, Guianas, Guinea, Guinâe, Guiné-Bissau, Guyana, Haiti, Hawaii, Himalayas, India, Indochina, Indonesia, Japan, Laos, Malaysia, Maldives, Mozambique, Myanmar, Nepal, Nigeria, North America, Northeastern India, Pacific, Papua New Guinea, PNG, Philippines, Puerto Rico, São Tome and Príncipe, SE Asia, Senegal, Sierra Leone, Slovenia, South America, Suriname, Taiwan, Thailand, Timor-Leste, Tonga, USA, Vanuatu, Venezuela, Vietnam, West Africa, West Indies^{(((0+x))}.

- Notes :

Feuilles (poids sec) Eau: 0 Calories: 308 Protéines: 22 Lipides: 3,3 Glucides: 64,3 Fibres: 11 Cendres: 10,4

• Liens, sources et/ou références :

◦ ⁵"Plants For a Future" (en anglais) : <https://pfaf.org/user/Plant.aspx?LatinName=Emilia+sonchifolia> ;

dont classification :

dont livres et bases de données : ⁰"Food Plants International" (en anglais) ;

dont biographie/références de ⁰"FOOD PLANTS INTERNATIONAL" :

Abbiw, D.K., 1990, *Useful Plants of Ghana. West African uses of wild and cultivated plants. Intermediate Technology Publications and the Royal Botanic Gardens, Kew.* p 41 ; Achigan-Dako, E, et al (Eds), 2009, *Catalogue of Traditional Vegetables in Benin. International Foundation for Science.* ; Alain & Martorell. 1982. *Flora of Puerto Rico.* ; Ambasta, S.P. (Ed.), 2000, *The Useful Plants of India. CSIR India.* p 195 ; Anderson, E. F., 1993, *Plants and people of the Golden Triangle. Dioscorides Press.* p 210 ; Arora, R. K., 2014, *Diversity in Underutilized Plant Species - An Asia-Pacific Perspective. Bioversity International.* p 40 ; Boedecker, J., et al, 2014, *Dietary contribution of Wild Edible Plants to women's diets in the buffer zone around the Lama forest, Benin* à“ an underutilized potential. *Food Sec.* 6:833â€“849 ; Britton et al., eds. ser. 1; Rogerson, ed. ser. 2. *North American flora* ser. 1, 1905-1957; ser. 2, 1954-1972 (N Amer fl) ser. 2, 10:147-150. ; Brown, W.H., 1920, *Wild Food Plants of the Philippines. Bureau of Forestry Bulletin No. 21 Manila.* p 155 ; Burkhill, 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 936 ; Busson, 1965, ; Cabalion, P. and Morat, P., 1983, *Introduction le vegetation, la flore et aux noms vernaculaires de l'ile de Pentcoste (Vanuatu), In: Journal d'agriculture traditionnelle et de botanique appliquee JATBA Vol. 30, 3-4 ; "Chinese Nutrition Journal", 2002, Vol 23(11) p 121 ; Cowie, I., 2006, A Survey of Flora and vegetation of the proposed Jaco-Tutuala-Lore National Park. Timor-Lests (East Timor) www.territorystories.nt.gov.au p 45 ; Cribb, A.B. & J.W., 1976, *Wild Food in Australia, Fontana.* p 121 ; Cruz-Garcia, G. S., & Price, L. L., 2011, *Ethnobotanical investigation of 'wild' food plants used by rice farmers in Kalasin, Northeast Thailand. Journal of Ethnobiology and Ethnomedicine* 7:33 ; Cundall, P., (ed.), 2004, *Gardening Australia: flora: the gardener's bible. ABC Books.* p 535 ; Dangol, D. R. et al, 2017, *Wild Edible Plants in Nepal. Proceedings of 2nd National Workshop on CUAOGR, 2017. ; Eiadthong, W., et al, 2010, Management of the Emerald Triangle Protected Forests Complex. Botanical Consultant Technical Report.* p 48 ; Facciola, S., 1998, *Cornucopia 2: a Source Book of Edible Plants. Kampong Publications,* p 38 ; *Food Composition Tables for use in Africa FAO* <http://www.fao.org/infooods/directory> No. 823 ; Franklin, J., Keppel, G., & Whistler, W., 2008, *The vegetation and flora of Lakeba, Nayau and Aiwa Islands, Central Lau Group, Fiji. Micronesica* 40(1/2): 169â€“225, 2008 ; Gangwar, A. K. & Ramakrishnan, P. S., 1990, *Ethnobotanical Notes on Some Tribes of Arunachal Pradesh, Northeastern India. Economic Botany, Vol. 44, No. 1 pp. 94-105* ; Grubben, G. J. H. and Denton, O. A. (eds), 2004, *Plant Resources of Tropical Africa 2. Vegetables. PROTA, Wageningen, Netherlands.* p 561 ; Hedrick, U.P., 1919, (Ed.), *Sturtevant's edible plants of the world.* p 289 ; Henty, E.E., & Pritchard, G.S., 1973, *Weeds of New Guinea and their control. Botany Bulletin No 7, Division of Botany, Lae, PNG.* p 75 ; Hiddins, L., 1999, *Explore Wild Australia with the Bush Tucker Man. Penguin Books/ABC Books.* p 164 ; Holm, L., J. V. Pancho, H. P. Herberger & D. L. Plucknett. John Wiley & Sons, New York. 1979. *A geographical atlas of world weeds.* ; Howard, R. 1974-. *Flora of the lesser Antilles.* ; Hussey, B.M.J., Keighery, G.J., Cousens, R.D., Dodd, J., Lloyd, S.G., 1997, *Western Weeds. A guide to the weeds of Western Australia. Plant Protection Society of Western Australia.* p 96 ; Hu, Shiu-ying, 2005, *Food Plants of China. The Chinese University Press.* p 729 ; Huxley, ed. *The new Royal Horticultural Society dictionary of gardening.* 1992 ; *International Seed Testing Association.* 1988. *International Seed Testing Association list of stabilized plant names. (ISTA)* ; Jackes, B.R., 2001, *Plants of the Tropics. Rainforest to Heath. An Identification Guide. James Cook University.* p 43 ; Jacquat, C., 1990, *Plants from the Markets of Thailand. D.K. Book House* p 91 ; Jadhav, R., et al, 2015, *Forest Foods of Northern Western Ghats: Mode of Consumption, Nutrition and Availability. Asian Agri-History Vol. 19, No. 4: 293-317* ; Japanese International Research Centre for Agricultural Science www.jircas.affrc.go.jp/project/value_addition/Vegetables ; Jardin, C., 1970, *List of Foods Used In Africa, FAO Nutrition Information Document Series No 2.p 76* ; Jeffrey, C. , 1986. *Kew Bull.* 41:917. ; Joshi, N., et al, 2007, *Traditional neglected vegetables of Nepal: Their sustainable utilization for meeting human needs. Tropentag 2007. Conference on International Agricultural Research for Development.* ; Joshi, N. & Siwakoti, M., 2012, *Wild Vegetables Used by Local Community of Makawanpur District and Their Contribution to Food Security and Income Generation. Nepal Journal of Science and Technology Vol. 13, No. 1 (2012) 59-66* ; 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.* ; Kays, S. J., and Dias, J. C. S., 1995, *Common Names of Commercially Cultivated Vegetables of the World in 15 languages. Economic Botany, Vol. 49, No. 2, pp. 115-152* ; Khumgratok, S., *Edible Plants in Cultural Forests of Northeastern Thailand. Mahasarakham University Thailand.* ; Kuo, W. H. J., (Ed.) *Taiwan's Ethnobotanical Database (1900-2000),* <http://tk.agron.ntu.edu.tw/ethnobot/DB1.htm> ; Lazarides, M. & Hince, B., 1993, *Handbook of Economic Plants of Australia, CSIRO.* p 90 ; Li, D. et al, 2017, *Ethnobotanical survey of herbal tea plants from the traditional markets in Chaoshan, China. Journal of Ethnopharmacology.* 205 (2017) 195-206 ; Li, H. L., et al., eds. 1975-1979. *Flora of Taiwan.* ; Liberty Hyde Bailey Hortorium. 1976. *Hortus third.* ; Low, T., 1991, *Wild Herbs of Australia and New Zealand. Angus & Robertson.* p 97*

(Drawing) ; Lugod, G.C. and de Padua L.S., 1979, *Wild Food Plants in the Philippines*. Vol. 1. Univ. of Philippines Los Banos. p 28 ; Manandhar, N.P., 2002, *Plants and People of Nepal*. Timber Press. Portland, Oregon. p 218 ; Martin, F.W. & Ruberte, R.M., 1979, *Edible Leaves of the Tropics*. Antillian College Press, Mayaguez, Puerto Rico. p 79, 184 ; Monsalud, M.R., Tongacan, A.L., Lopez, F.R., & Lagrimas, M.Q., 1966, *Edible Wild Plants in Philippine Forests*. Philippine Journal of Science. p 455 ; Mot So Rau Dai an Duoc O Vietnam. *Wild edible Vegetables*. Ha Noi 1994, p ; 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 ; Nakahara, K. et al, 2002, *Antimutagenicity of Some Edible Thai Plants, and a Biocative Carbazole Alkaloid, Mahanine, Isolated from Micromelum minutum*. *Journal of Agricultural and Food Chemistry*. 50: 4796-4892 ; Narayanan Ratheesh, M. K. et al, 2011, *Wild edible plants used by the Kattunaikka, Paniya and Kuruma tribes of Wayanad District, Kerala, India*. *Journal of Medicinal Plants Research* Vol. 5(15), pp. 3520-3529 ; Nicolson, D. H., 1975. *Phytologia* 32:33-34. ; Ochse, J.J. et al, 1931, *Vegetables of the Dutch East Indies*. Asher reprint. p 129 ; Ogle, B. M., et al, 2003, *Food, Feed or Medicine: The Multiple Functions of Edible Wild Plants in Vietnam*. *Economic Botany* 57(1): 103-117 ; Paczkowska, G. & Chapman, A.R., 2000, *The Western Australian Flora. A Descriptive Catalogue*. Western Australian Herbarium. p 161 ; Peekel, P.G., 1984, (Translation E.E.Henty), *Flora of the Bismarck Archipelago for Naturalists*, Division of Botany, Lae, PNG. p 567, 566 ; Peters, C. R., O'Brien, E. M., and Drummond, R.B., 1992, *Edible Wild plants of Sub-saharan Africa*. Kew. p 90 ; Phon, P., 2000, *Plants used in Cambodia*. © Pauline Dy Phon, Phnom Penh, Cambodia. p 274 ; Plants for a Future database, The Field, Penpol, Lostwithiel, Cornwall, PL22 0NG, UK. <http://www.scs.leeds.ac.uk/pfaf/> ; Plants of Haiti Smithsonian Institute <http://botany.si.edu> ; Reddy, B. M., 2012, *Wild edible plants of Chandrapur district, Maharashtra, India*. *Indian Journal of Natural Products and Resources*. 3(1) pp 110-117 ; Shah, G.L., 1984, Some economically important plant of Salsette Island near Bombay. *J. Econ. Tax. Bot.* Vol. 5 No. 4 pp 753-765 ; Segnon, A. C. and Achigan-Dako, E. G., 2014, Comparative analysis of diversity and utilization of edible plants in arid and semi-arid areas in Benin. *Journal of Ethnobiology and Ethnomedicine*. 10:80 ; Singh, H.B., Arora R.K., 1978, *Wild edible Plants of India*. Indian Council of Agricultural Research, New Delhi. p 25 ; Somnasang, P., Moreno, G and Chusil K., 1998, *Indigenous knowledge of wild hunting and gathering in north-east Thailand*. *Food and Nutrition Bulletin* 19(4) p 359f ; Sujanapal, P., & Sankaran, K. V., 2016, *Common Plants of Maldives*. FAO & Kerala FRI, p 119 ; Terrell et al. 1986. *Agric. Handb.* no. 505. ; Siemonsma, J. S., & Kasem Piluek, eds. 1993. *Vegetables*. In: E. W. M. Verheij & R. E. Coronel (eds.), *Plant Resources of South-East Asia (PROSEA)*. 8:172. ; Setalaphruk, C. & Price, L. L., 2007, *Children's traditional ecological knowledge of wild food resources: a case study in a rural village in Northeast Thailand*. *Journal of Ethnobiology and Ethnomedicine*. 3:33 ; Siemonsma, J. S. and Piluek, K. (Eds), 1994, *Plant Resources of South-East Asia No. 8 Vegetables*. Prosea Foundation, Bogor, Indonesia, p 172 ; Srichaiwong, P., et al, 2014, *A Study of the Biodiversity of Natural Food Production to Support Community Upstream of Chi Basin, Thailand*. *Asian Social Science* 10 (2); Suksri, S., et al, 2005, *Ethnobotany in Bung Khong Long Non-Hunting Area, Northeast Thailand*. Kasetart J., (Nat. Sci) 39: 519-533 ; Sakunpak, A. & Panichayupakaranant, P., 2012, *Antibacterial activity of Thai edible plants against gastrointestinal pathogenic bacteria and isolation of a new broad spectrum antibacterial polyisoprenylated benzophenone, chamuangone*. *Food Chemistry* 130 (2012) 826–831 ; Stanley, T. D. & Ross, E. M., 1986, *Flora of south-eastern Queensland Volume 2*. Queensland Government p 574 ; Tanaka, Y. & Van Ke, N., 2007, *Edible Wild Plants of Vietnam: The bountiful garden*. Orchid books. p 43 ; 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 149 ; Terra, G.J.A., 1973, *Tropical Vegetables*. Communication 54e Royal Tropical Institute, Amsterdam, p 45 ; 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 ; Thoa, P. T. K., et al, 2013, *Biodiversity indices and utilization of edible wild plants a case study of the Cham Island in Quang Nam Province, Vietnam*. *Journal of research in Environmental Science and Toxicology* Vol. 2(9): 167-174 ; Tindall, H.D., & Williams, J.T., 1977, *Tropical Vegetables and their Genetic Resources*, International Board for Plant Genetic Resources, Rome, p 108 ; 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) ; Vartak, V.D. and Kulkarni, D.K., 1987, *Monsoon wild leafy vegetables from hilly regions of Pune and neighbouring districts, Maharashtra state*. *J. Econ. Tax. Bot.* Vol. 11 No. 2 pp 331-335 ; Wagner, W.L., et al. 1990. *Manual of the flowering plants of Hawai'i. (F Hawaii)* ; Wheeler, J.R.(ed.), 1992, *Flora of the Kimberley Region*. CALM, Western Australian Herbarium, p 943, 935 & 944 (drawings) ; R, Wight, *Contr. bot. India* 24. 1834 ; Wijayakusuma, H.M.H., et al, 1996, *Tanaman Berkhasiat Obat Di Indonesia*. Pustaka Kartini. p 129 ; Yuncker, T.G., 1959, *Plants of Tonga*, Bernice P. Bishop Museum, Hawaii, *Bulletin* 220. p 269 ; Zon, A.P.M. van der, Grubben, G.J.H., 1976, *Les legumes-feuilles spontanées et cultives du Sud-Dahomey*, Communication 65, Royal Tropical Institute, Amsterdam, p 60