

***Eleocharis dulcis* (Burm.f.) Trin. ex Hensch., 1833** **(Chataigne d'eau)**

Identifiants : 1467/eledul

Fiche réalisée par Patrick Le Ménahèze ([Le Potager de mes/nos Rêves](#))
Dernière modification le 15/08/2020

- **Classification/taxinomie :**
 - **Famille :** Cyperaceae ;
- **Synonymes :** *Eleocharis tuberosa* Schult. 1824, *Eleocharis esculenta* Vieill. 1862, *Heleocharis tuberosa* (nom invalide [erreur = écriture/orthographe incorrecte/fausse/erronée] ou variante orthographique valide ? (qp*)) ;
- **Synonymes français :** chataigne d'eau chinoise, châtaigne d'eau des Chinois ;
- **Nom(s) anglais et/ou international(aux) :** edible spike rush, Chinese water-chestnut , pi-t'si (pi t'si, pitsi, pe t'si, pu-tsai, pe ci, local), bossai (local), maatai (local), qaai (local) ;



(rhizomes : féculéμ<27

- **Note :** ***
- **Rapport de consommation et comestibilité/consommabilité inférée (partie(s) utilisable(s) et usage(s) alimentaire(s) correspondant(s)) :** Racine (extraitμ(dp*)μ racinesμ0(+x)μ/rhizomesμ27(+x)μ [nourriture/alimentμ{{{(dp*)μ : féculéμ27(+x)μ] ; et bulbes/tubercules {cormes}μ{{{0(+x)μ [nourriture/alimentμ{{{(dp*)μ : crusμ0(+x)μ ou cuitsμ(dp*)μ {grillés ou bouillisμ{{{0(+x)μ} : légumeμ0(+x),27(+x)μ]} comestibleμ0(+x)μ. ;

Tubercules consommés comme légume en Chineμ{{{27(+x)μ, après avoir été pelés ; normalement, ils sont découpés en petites tranches et ajoutés aux soupes ou aux plats de poissons et de viandes ; ils peuvent aussi être édulcorés pour les dessertsμ{{{0(+x)μ. ;



Précautions à prendre :

néant, inconnus ou indéterminés.

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

Par Roxburgh W. (Plants of the coast of Coromandel, vol. 3: t. 231, 1819), via [plantillustrations.org](#)

- **Liens, sources et/ou références :**
 - **Wikipedia :**
 - [https://fr.wikipedia.org/wiki/Ch%C3%A2taigne_d%27eau_chinoise_\(en_français\)](https://fr.wikipedia.org/wiki/Ch%C3%A2taigne_d%27eau_chinoise_(en_fran%C3%A7ais)) ;
 - [https://en.wikipedia.org/wiki/Eleocharis_dulcis_\(source_en_anglais\)](https://en.wikipedia.org/wiki/Eleocharis_dulcis_(source_en_anglais)) ;

dont classification :

- ["The Plant List" \(en anglais\)](#) ;
- ["GRIN" \(en anglais\)](#) ;
- [INPI \(recherche en anglais\)](#) ;

dont Google (recherche de/pour) "*Eleocharis dulcis*" : [pages](#), [images](#) | "*Chataigne d'eau*" : [pages](#) ;

dont livres et bases de données : 0"FOOD PLANTS INTERNATIONAL" (en anglais), 27Dictionnaire des plantes comestibles (livre, page 124 [*Eleocharis tuberosa* Schult.], par Louis Bubenicek), 76Le Potager d'un curieux - histoire, culture et usages de 250 plantes comestibles peu connues ou inconnues (livre, pages 501 à 508 [*Eleocharis tuberosa* Schult. et *Eleocharis esculenta* Vieill.], par A. Paillieux et D. Bois) ;

dont biographie/références de "FOOD PLANTS INTERNATIONAL" :

Ambasta, S.P. (Ed.), 2000, *The Useful Plants of India*. CSIR India. p 192 ; Anderson, E. F., 1993, *Plants and people of the Golden Triangle*. Dioscorides Press. p 210 ; Barrau, J., 1976, *Subsistence Agriculture in Polynesia and Micronesia*. Bernice P. Bishop Museum, Bulletin 223 Honolulu Hawaii. Kraus reprint. p 59 ; Bindon, P., 1996, *Useful Bush Plants*. Western Australian Museum. p 110 ; Bodkin, F., 1991, *Encyclopedia Botanica*. Cornstalk publishing, p 378 ; Brouk, B., 1975, *Plants Consumed by Man*. Academic Press, London. p 142 ; Brown, W. H., 1920, *Wild Food Plants of the Philippines*. Bureau of Forestry Bulletin No. 21 Manila. p 28 ; Burkill, H. M., 1985, *The useful plants of west tropical Africa*, Vol. 1. Kew. ; 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 921 ; Cheifetz, A., (ed), 1999, *500 popular vegetables, herbs, fruits and nuts for Australian Gardeners*. Random House p 66 ; Cherikoff, V. & Isaacs, J., *The Bush Food Handbook. How to gather, grow, process and cook Australian Wild Foods*. Ti Tree Press, Australia p 126, 199 ; Chew, M. & Morgan, W., 1999, *Access to Asian Foods Newsletter*, Vic Govt., Australia Issue 5 ; 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 46 ; Cribb, A.B. & J.W., 1976, *Wild Food in Australia*, Fontana. p 157 ; Cundall, P., (ed.), 2004, *Gardening Australia: flora: the gardener's bible*. ABC Books. p 533 ; Elliot, W.R., & Jones, D.L., 1984, *Encyclopedia of Australian Plants suitable for cultivation*. Vol 3. Lothian. p 394 ; Facciola, S., 1998, *Cornucopia 2: a Source Book of Edible Plants*. Kampong Publications, p 90 ; *Flora of Pakistan*. www.eFloras.org ; Foo, J. T. S.(ed), 1996, *A Guide to Common Vegetables*. Singapore Science Foundation. p 68 ; *Food Composition Tables for use in East Asia* FAO <http://www.fao.org/infoods/directory> No. 598 ; Hedrick, U.P., 1919, (Ed.), *Sturtevant's edible plants of the world*. p 287 (*As Eleocharis tuberosa*) ; Heywood, V.H., Brummitt, R.K., Culham, A., and Seberg, O., 2007, *Flowering Plant Families of the World*. Royal Botanical Gardens, Kew. p 364 ; Hibbert, M., 2002, *The Aussie Plant Finder 2002*, Florilegium. p 92 ; Hiddins, L., 1999, *Explore Wild Australia with the Bush Tucker Man*. Penguin Books/ABC Books. p 163 ; Hu, Shiu-ying, 2005, *Food Plants of China*. The Chinese University Press. p 299 ; Isaacs, J., 1987, *Bush Food, Aboriginal Food and Herbal Medicine*. Weldon. p 91, 96 ; Jacquat, C., 1990, *Plants from the Markets of Thailand*. D.K. Book House p 120 (*As Eleocharis tuberosa*) ; Jain et al, 2011, *Journal of Ethnobiology and Ethnomedicine* 7:29 ; Jardin, C., 1970, *List of Foods Used In Africa*, FAO Nutrition Information Document Series No 2.p 15 ; Kay, D. E., 1973, *Root Crops, Digest 2, Tropical Products Institute*, London, p 43 ; 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 ; Kenneally, K.E., Edinger, D. C., and Willing T., 1996, *Broome and Beyond, Plants and People of the Dampier Peninsula*, Kimberley, Western Australia. Department of Conservation and Land Management. p 206 ; Kiple, K.F. & Ornelas, K.C., (eds), 2000, *The Cambridge World History of Food*. CUP p 1876 ; Larkcom, J., 1991, *Oriental Vegetables*, John Murray, London, p125 ; Lazarides, M. & Hince, B., 1993, *Handbook of Economic Plants of Australia*, CSIRO. p 88 ; Leach, G.J., & Osborne, P.L., 1985, *Freshwater Plants of Papua New Guinea*. UPNG Press, p 112 ; Lembaga Biologi Nasional, 1977, *Ubi-Ubian, Balai Pustaka, Jakarta*. p 74 ; Low, T., 1991, *Wild Food Plants of Australia*. *Australian Nature FieldGuide*, Angus & Robertson. p 53 ; Low, T., 1992, *Bush Tucker. Australia's Wild Food Harvest*. Angus & Robertson. p 109 ; Monsalud, M.R., Tongacan, A.L., Lopez, F.R., & Lagrimas, M.Q., 1966, *Edible Wild Plants in Philippine Forests*. *Philippine Journal of Science*. p 457 ; Norrington, L., & Campbell, C., 2001, *Tropical Food Gardens*. Bloomings Books. p 40 ; Norrington, L., & Campbell, C., 2001, *Tropical Food Gardens*. Bloomings Books. p 40 (*As Eleocharis tuberosa*) ; Ochse, J.J. et al, 1931, *Vegetables of the Dutch East Indies*. Asher reprint. p 217 ; 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 46 ; Phon, P., 2000, *Plants used in Cambodia*. © Pauline Dy Phon, Phnom Penh, Cambodia. p 271 ; *Plants for a Future database, The Field, Penpol, Lostwithiel, Cornwall, PL22 0NG, UK*. <http://www.scs.leeds.ac.uk/pfaf/> ; Romanowski, N., 2007, *Edible Water Gardens*. Hyland House. p 95 ; Schneider, E., 2001, *Vegetables from Amaranth to Zucchini: The essential reference*. HarperCollins. p 694 ; Simpson, D. A. & Inglis, C. A., 2001, *Cyperaceae of Economic, Ethnobotanical and Horticultural Importance: A checklist*. *Kew Bulletin* Vol. 56, No. 2 (2001), pp. 257-360 ; Singh, H.B., Arora R.K., 1978, *Wild edible Plants of India*. *Indian Council of Agricultural Research, New Delhi*. p 13 ; Slocum, P.D. & Robinson, P., 1999, *Water Gardening. Water Lilies and Lotuses*. Timber Press. p 78 ; Smith, A.C., 1979, *Flora Vitiensis Nova, Lawaii, Kuai, Hawaii*, Volume 1 p 238 ; Solomon, C., 2001, *Encyclopedia of Asian Food*. New Holland. p 404 ; Staples, G.W. and Herbst, D.R., 2005, *A tropical Garden Flora*. Bishop Museum Press, Honolulu, Hawaii. p 657 ; Swapna, M. M. et al, 2011, *A review on the medicinal and edible aspects of aquatic and wetland plants of India*. *J. Med. Plants Res.* 5 (33) pp. 7163-7176 ; Thomson, G. & Morgan, W., (Ed.) 2000, *Access to Asian Foods Newsletter*, Vic Govt., Australia Issue 7, Issue 33 - Booklet. ; Tindall, H. D., 1983, *Vegetables in the Tropics*, Macmillan p 198 ; USDA, ARS, National Genetic Resources Program. *Genoplasm 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) ; Valder, P., 1999, *The Garden Plants of China*. Florilegium. p 228 ; van Wyk, B., 2005, *Food Plants of the World. An illustrated guide*. Timber press. p 185 ; Vita Rumphii 186. 1833 ; Wheeler, J.R.(ed.), 1992, *Flora of the Kimberley Region*. CALM, Western Australian Herbarium, p 1063 ; Wickens, G.E., 1995, *Edible Nuts*. FAO Non-wood forest

products. *FAO, Rome. p160 ; Wightman, Glenn et al. 1992, Mangarrayi Ethnobotany: Aboriginal Plant Use from the Elsey Area Northern Australia. Northern Territory Botanical Bulletin No 15. Parks and Wildlife Commission of the Northern Territory. p 20 ; Wightman, Glenn et al. 1994, Gurindji Ethnobotany: Aboriginal Plant Use from Daguragu Northern Australia. Northern Territory Botanical Bulletin No 18. Parks and Wildlife Commission of the Northern Territory. p 21 ; Woodward, P., 2000, Asian Herbs and Vegetables. Hyland House. p 67 ; Yuncker, T.G., 1959, Plants of Tonga, Bernice P. Bishop Museum, Hawaii, Bulletin 220. p 71 ; Yunupinu Banjgul, Laklak Yunupinu-Marika, et al. 1995, Rirratjinu Ethnobotany: Aboriginal Plant Use from Yirkala, Arnhem Land, Australia. Northern Territory Botanical Bulletin No 21. Parks and Wildlife Commission of the Northern Territory. p 36*