
References

Achard, F., Eva, H. D., Stibig, H. J., Mayaux, P., Gallego, J., Richards, T., & Malingreau, J. P. (2002). Determination of deforestation rates of the world's humid tropical forests. *Science*, 297, 999–1002. [PubMed: 12169731].

Adepoju, O. T., & Oyewole, E. O. (2008). Nutritional Importance and Micronutrient potential of Two Non-Conventional Indigenous Green Leafy Vegetables from Nigeria. *Agricultural Journal*, 3(5), 362-365.

Agarwal, A. (1973, February). *Malaria Makes a Come-back*. New Scientist.

Agudelo, C. A. (1983). Community Participation in Health Activities: Some Concepts and Appraisal Criteria. *Bulletin Pan American Health Organisation*, 17, 375-385.

Ahmad, N., Fazal, H., Ayaz, M., Abbasi, B. H., Mohammad, I., & Fazal, L. (2011). Dengue fever treatment with *Carica papaya* leaves extracts. *Asian Pacific Tropical Biomedical Magazine*, 1(4), 330-333.

Ahmad, M., Malik, S. K., & Khan, F. (2017). Qualitative and quantitative estimation of terpenoid contents in some important plants of Punjab, Pakistan. *Pakistan Journal of Science*, 69(2), 150-154.

Alias, H., Surin, J., Mahmud, R., Shafie, A., Mohd, Z., Mohamad, J. N. M., Ibrahim, S., & Rundi, C. (2014). Spatial distribution of malaria in Peninsular Malaysia from 2000 to 2009. *Parasites & Vectors*, 7, 186.

Alves, M. F. A., Fraiji, N. A., Barbosa, A. C., Lima, D. S. N, Souza, J. R., Dórea, J. G., & Cordeiro, G. W. O. (2006). Fish consumption, mercury exposure, and serum

antinuclear antibody in Amazonians. *International Journal of Environmental Health Research*, 16(4), 255-262. <https://doi.org/10.1080/09603120600734147>.

Annual Report. (2017). District vector borne disease control program, Kamrup metropolitan district.

Arinaitwe, E., Gasasira, A., Homsy, W. V. J., Wanziral, H., Kakuru, A., Sandison, T. G., Young, S., Tappero, J. W., Kanya, M. R., & Dorsey, G. (2012). The association between malnutrition and the incidence of malaria among young HIV-infected and -uninfected Ugandan children: a prospective study. *Malaria Journal*, 11(1), 90. <http://www.malariajournal.com/content/11/1/90>.

Beeson, J. G., Brown, G. V., Molyneux, M. E., Mhango, C., Dzinjalama, F., & Rogerson, S. J. (1999). Plasmodium falciparum isolates from infected pregnant women and children are associated with distinct adhesive and antigenic properties. *The Journal of Infectious Diseases*, 180, 464–72.

Behrens, C. A. (1984). *Shipibo ecology and economy: a mathematical approach to understanding human adaptation*. Ph.D. Dissertation, University of California, Los Angeles.

Bergonio, K. B., & Perez, M. A. (2016). The potential of male papaya (*Carica papaya* L.) flower as functional ingredient for herbal tea production, 15(1), 41-49.

Berlin, E. A., & Markell, E. K. (1977). An assessment of the nutritional and health status of an Aguaruna Jivar community, Amazonas, Peru. *Ecology of Food and Nutrition*, 6, 69-81.

Betti, J. L., Donald, M. I., Olga, D. Y., Diosdado, O. M., Christian, M. Y., & Alfred, N. (2013). Ethnobotanical study of medicinal plants of the Ipasa Makokou Biosphere

Reserve, Gabon: plants used for treating malaria. *Journal of medicinal plants research*, 7, 2300–2318.

Block, B. A. (1991). *Endothermy in fish: thermogenesis, ecology, and evolution*. In *Biochemistry and Molecular Biology of Fishes*, (Edition Hochachka, P. W. and Mommsen, T. P.), New York, *Elsevier*, 1, 269-311.

BMI Classification. (2006). Global Database on Body Mass Index. World Health Organization.

Chand, D. A. (1989). Community participation in health programs. *Indian Journal of Pediatrics*, 6, 1108-1114.

Carswell, F., Hughes, A. O., Palmer, R. I., Higginson, J., Harland, P. S., & Meakins, R. H. (1981). Nutritional status, globulin titers, and parasitic infections of two populations of Tanzanian school children. *American Journal of Clinical Nutrition*, 34, 1292-1299.

Chevaux, K. A., Jackson, L., Villar, M. E., Mundt, J. A., Commisso, J. A., Adamson, G. E., McCullough, M. M., Schmitz, H. H., & Hollenberg, N. K. (2001). Proximate, Mineral and Procyanidin content of certain foods and beverages consumed by the Kuna Amerinds of Panama. *Journal of Food Composition*, 14, 553-563.

Chorley, R. J., & Barry, R. G. (1998). *The atmosphere, Weather, and Climate*. London: Routledge.

Choudhury, D. S. (1985a). Malaria in India: Past, present, and future. *Indian Journal of Pediatrics*, 52, 243-248.

Coe, F. G., & Anderson, G. J. (1996). Ethnobotany of the Garífuna of Eastern Nicaragua. *Economic Botany*, 50 (1), 71-107.

Cummings, J. H., Edmond, L. M., & Magee, E. A. (2004). Dietary carbohydrates and health: do we still need the fiber concept? *Clinical Nutrition Supplements*, 1, 5-17.

Das, B. S., Satpathy, S. K., Mohanty, D., Mohanty, S., Mishra, S. K., Satapathy, P. C., Patnaik, J. K., & Bose, T. K. (1988). Hypoglycemia in severe falciparum malaria. *Transactions of the Royal Society of Tropical Medicine and Hygiene*, 82, 197–201.

Das, N. G., Talukdar, P. K., Kalita, J., Baruah, I., & Sribastava, R. B. (2007). Malaria situation in forest-fringed villages of Sonitpur district (Assam), India bordering Arunachal Pradesh during an outbreak. *Journal of Vector Borne Diseases*, 44(3), 213–218. [PubMed].

Darna, D. L. (1991). Diet and Nutritional Status of Ameridians: A Review of the Literature. *Cadernos de Saude Publica, R J*, 7(4), 481-502.

David, A. F., Philip, J. R., Simon, L. C., Reto, B., & Solomon, N. (2004). Antimalarial drug discovery: efficacy models for compound screening. *Nature Reviews Drug Discovery*, 3, 509-520.

Day, C., Cartwright, T., Provost, J., & Bailey, C. J. (1990). Hypoglycemic effects of *Mormodiaca charantia* extracts, *Planta Medica*, 56 (5), 426-429.

Deen, J. L., Walraven, G. E., & Von, S. L. (2002). Increased risk for malaria in chronically malnourished children under 5 years of age in rural Gambia. *Journal of Tropical Paediatrics*, 48, 78-83.

- Denenan, W. M. (1976). *The aboriginal population of Amazonia*. In: *The Native Population of the Americas in 1492* (Denevan, W. M., ed.), Madison, University of Wisconsin Press, 205-234.
- Deribew, A., Alemseged, F., Tessema, F., Sena, L., Birhanu, Z., Zeynudin, A., Sudhakar, M., Abdo, N., Deribe, K., & Biadgilign, S. (2010, May 10). Malaria and under-nutrition: a community-based study among under-five children at risk of malaria, south-west Ethiopia. *Public Library of Science (PLoS) One*, 5, e10775. doi: 10.1371/journal.pone.0010775.
- Dev, V., Bhattacharyya, P. C., & Talukdar, R. (2003). Transmission of malaria and its control in northeastern region of India. *Journal of the Association of Physicians of India*, 51,1073–1076. [PubMed].
- Dev, V., Phookan, S., Sharma, V. P., & Anand, S. P. (2004). Physiographic and entomologic risk factors of malaria in Assam, India. *American Journal of Tropical Medicine and Hygiene*, 71, 451–456. [PubMed]
- Dev, V., Phookan, S., Sharma, V. P., Dash, A. P., & Anand, S.P. (2006). Malaria parasite burden and treatment seeking behaviour in ethnic communities of Assam, North eastern India. *The Journal of Infection*, 52, 131–139. [PubMed]
- Dev, V., Sharma, V. P., & Borman, K. (2015). Mosquito-borne diseases in Assam, north-east India: current status and key challenge. *WHO South-East Asia Journal of Public Health*, 4, 1-2.
- Dhiman, S. K. (2009). Malaria control: Behavioural and social aspects. *DRDO Science Spectrum*, 183–186.
- Diouf, J. (2002). *The State of Food Insecurity in the World*. Published by the Food and Agriculture Organization of the United Nations Viale delle Terme di Caracalla, 00100 Rome, Italy, 51-53.

Dini, I., Tenore, G. C., & Dini, A. (2005). Nutritional and antinutritional composition of Kancolla seeds: an interesting and underexploited andine food plant. *Food Chemistry*, 92, 125-132.

District Census Handbook. (2011). Kamrup Metropolitan, Directorate of Census operations, Assam.

Downs, W. G. (1981). A new look at Yellow fever and malaria. *American Journal of Tropical Medicine and Hygiene*, 30, 516-522.

Dricot-D'ans, C., & Dricot, J. M. (1978). Influence de l'acculturation sur la situation nutritionnelle en Amazonie Peruvienne. *Annales Societé Belge de Medecine Tropicale*. 58, 39-48.

Dufour, D. L. (1983). *Nutrition in the Northwest Amazon: household dietary intake and time-energy expenditure*. In: *Adaptive Responses of Native Amazonians* (Hames, R. B., & Vickers, W. T.), New York Academic.

Dufour, D. L. (1988). Cyanide content of cassava (*Manihot esculenta*, Euphorbiaceae) cultivars used by Tukánoan Indians in Northwest Amazonia. *Economic Botany*, 42, 255-266.

Dunn, O. J. (1962). Multiple comparisons using rank sums. *Technometrics*, 6, 241–252.

Dupin, H., Trémolière, J., Serville, Y., & Jacquot, R. (1984). *Alimentation et santé*. In: les bases de l'alimentation (10th ed., T.1, 58-64). ESF. Paris.

- Edeoga, H. O., Okwu, D. E., & Mbaebie, B. O. (2005). Phytochemical constituents of some Nigerian medicinal plants. *African Journal of Biotechnology*, 4(7), 685-688.
- Erhart, A., Ngo, T. D., Phan, K. V., Ta, T. T., Overmeir, C. V., Speybroeck, N., Obsomer, V., Le, H. X., Le, K. T., Coosemans, M., & D'Alessandro, U. (2005, December 5). Epidemiology of forest malaria in central Vietnam: a largescale cross-sectional survey. *Malaria Journal*, 58(4). [PubMed: 16336671].
- Ehrhardt, S., Burchard, G. D., Mantel, C., Cramer, J. P., Kaiser, S., Kubo, M., Otchwemah, R. N., Bienzl, U., & Mockenhaupt, F. P. (2006). Malaria, anaemia, and malnutrition in African children-defining intervention priorities. *Journal of Infectious Diseases*, 194(1), 108-114.
- Elased, K., De Souza, J. B., & Playfair, J. H. L. (1995). Blood stage malaria infection in diabetic mice. *Clinical and Experimental Immunology*, 99(3), 440- 444.
- Ellestad-Sayed, J., Coodin, F. J., Dilling, L. A., & Haworth, J. C. (1979). Breast-feeding protects against infection in Indian infants. *Canadian Medical Association Journal*, 120, 295–298.
- Essays, UK. (2018, November). *Crude Drugs: Pharmacognostic Investigation*. <https://www.ukessays.com/essays/biology/pharmacognostic-investigation-and-quality-control-of-crude-drugs-biology-essay.php?vref=1>.
- Etebong, E. O., Edwin, U. P. M., Edet, E. C., Samuel, E. U., Ezekiel, A. O., & Dornu, T. V. (2015). In vivo antiplasmodial activities of Nauclea Latifolia. *Asian Journal of Medical Science*, 6(3), 611.
- Evans, D. A., Hebert, L. E., Beckett, L. A., Scherr, P. A., Albert, M. S., Chown, M. J., & Taylor, J. O. (1997). Education and other measures of socioeconomic status and

risk of incident Alzheimer disease in a defined population of older persons. *Archives of Neurology*, 54, 1399-1405. doi:10.1001/archneur.1997.00550230066019

Evans, W. C. (2002). *Trease and Evans Pharmacognosy*. 15th Edition. W.B. Saunders, London, 214393.

FAO. (1992). *Nutrition et développement: Une évaluation d'ensemble. Conférence internationale sur la nutrition*. Rome. 2.

Fevang, P., Saav. H., & Hostmark, A. T. (1995). Dietary Fish Oils and Long-Term Malaria Protection in Mice. *Lipids*, 30 (5):437-441.

Fillol, F., Cournil, A., Boulanger, D., Cisse, B., Sokhna, C., Targett, G., Trape, J. F., Simondon, F., Greenwood, B., & Simondon, K. B. (2009). Influence of wasting and stunting at the onset of the rainy season on subsequent malaria morbidity among rural preschool children in Senegal. *American Journal of Tropical Medicine and Hygiene*, 80, 202-208.

Ferguson, E. L., Gibson, R. S., Opare-Obisaw, C., Osei-Opare, F., Lamba. C., & Ounpuu, S. (1993). Seasonal food consumption patterns and dietary diversity of rural preschool Gharuan and Malawian children. *Ecology of Food and Nutrition*, 29, 219-34.

Frausin, G., Lima, R. B. S., Hidalgo, A. F., Ming, L. C., & Pohlit, A. M. (2015). Plants of the Araceae family for malaria and related diseases: a review. *Revista Brasileira de Plantas Mediciniais*, 17(4), 657-666.

Friedman, J. F., Kwena, A. M., Mirel, L. B., Kariuki, S. K., Terlouw, D. J., Phillips-Howard, P. A., Hawley, W. A., Nahlen, B. L., Shi, Y. P., & Ter Kuile, F.O. (2005). Malaria and nutritional status among pre-school children: results from cross sectional

surveys in western Kenya. *American Journal of Tropical Medicine and Hygiene*, 73, 698–704.

Gallup, J. L., & Sachs, J. D. (2001). The economic burden of malaria. *American Journal of Tropical Medicine and Hygiene*, 64(1,2), 85–96. [PubMed].

Garenne, M., Maire, B., Fontaine, O., Dieng, K., & Briend, A. (2000). *Risques de de 'ce `s associe 'sa ` diffe 'rents e 'tats nutritionnels chez l'enfant d_a^ge pre 'scolaire*. Etudes du. Centre population and development, Paris, 17.

Gasquet, M., Delmas, F., & Timond-David, P. (1993). Evaluation in vitro and in vivo of a traditional antimalarial drug ‘Malarial 5’, *Fitoterapia*, 64, 423-426.

Gershwin, M. E., Beach, R. S., & Hurley, L. S. (1985). *Nutrition and Immunity*, Academic Press, New York.

Ghosh, K., & Ghosh, K. (2007). Pathogenesis of anemia in malaria: a concise review. *Parasitology Research*, 101(6), 1463-1469.

Gilani, S. A., Fujii, Y., Shinwari, Z. K., Adnan, M., Kikuchi, A., & Watanabe, K. N. (2010). Phytotoxic studies of medicinal plant species of Pakistan. *Pakistani Journal of Botany*, 42(2), 987 - 996.

Gilles, H. M. (1997). *Pathology of malaria: Handbook of malaria infection in the tropics*. Italian Association Amicidi Raoul Follerau (AIFO), Italy.

Goel, R. K., Sairam, K., Rao, C. V., & Raman, A. (2001). Role of gastric antioxidant and anti-*Helicobacter pylori* activities in the antiulcerogenic activity of plantain banana (*Musa sapientum* var. paradisiaca). *Indian Journal of Experimental Biology*, 39(7), 719-722. <https://doi.org/10.1186/1475-2875-9-101>.

Greenwood, B. M., & Mutabingwa, T. (2002, February 7). Malaria in 2002. *Nature*, 415(6872), 670- 672.

Gubler, D. J. (1998). Climate change: implications for human health. *Health and Environment Digest*, 12:54–55.

Guerra, C. A., Snow, R. W., & Hay, S. I. (2006, April). A global assessment of closed forests, deforestation and malaria risk. *Annals of Tropical Medicine & Parasitology*, 100(3), 89–204. doi:10.1179/136485906X91512.

Guts, Y. (2007). *Phonological description of the Hajong language*, Master's Thesis, Amsterdam, Vrije University, 59.

Gwatkin, D. R. R. S., Johnson, K., Pande, R. P., & Wagstaff, A. (2000). *Socioeconomic differences in health, nutrition, and population: Benin*, World Bank HNP/Poverty Thematic Group.

Gwynn, E. R., & Sanjur, D. (1974). Nutritional anthropometry: diet and health-related correlates among preschool children in Bogota, Colombia. *Ecology of Food and Nutrition*, 3, 273-282.

Hajong, B. (2002). *The Hajongs and their struggle*. Assam, Janata Press, 42.

Hatleiy, A., Hallund, J., Diarra, M. M., & Oshaug, A. (1999). Food variety, socioeconomic status and nutritional status in urban and rural areas in Koutiala (Mali). *Public Health Nutrition*, 57-65.

Hendrickse, R. G., Hasan, A. H., Olumide, L. O., & Akinkunmi, A. (1971). Malaria in early childhood. An investigation of five hundred seriously ill children in whom a “clinical” diagnosis of malaria was made on admission to the children’s emergency

room at University College Hospital, Ibadan. *Annals of Tropical Medicine & Parasitology*, 65(1), 1–20.

Herbas, M. S., Ueta, Y. Y., Ichikawa, C., Chiba, M., Ishibashi, K., Shichiri, M., Fukumoto, S., Yokoyama, N., Takeya, M., Xuan, X., Arai, H., & Suzuk, H. (2010). Alpha-tocopherol transfer protein disruption confers resistance to malarial infection in mice. *Malaria Journal*, 9, 101.

Herrera, R., Jordan, C. G., Klinge, H., & Medina, E. (1978). Amazon ecosystems: their structure and functioning with special emphasis on nutrients. *Interciencia*, 3, 223-230.

Ho, J. J. (2001). Late onset infection in very low birth weight infants in Malaysian Level 3 neonatal nurseries. Malaysian Very Low Birth Weight Study Group. *The Pediatric Infectious Disease Journal*, 20, 557–560.

Holmes, R. (1981). *Estado nutricional en cuatro aldeas de la selva Amazônica - Venezuela: Un estudio de adaptación y aculturación*. M. S. thesis, Instituto Venezolano de Investigaciones científicas, Caracas.

Houghton, J. T., Ding, Y., Griggs, D. J., Noguer, M., Van der Linden, P. J., Dai, X., Maskell, K., & Johnson, C. A. (2001). *Climate change, The scientific basis* (Third Assessment Report).

Hodge, L., & Dufour, D. L. (1991). Cross-sectional growth of young Shipibo children in eastern Peru. *American Journal of Physical Anthropology*, 84, 35-41.

Howie, P. W., Forsyth, J. S., Ogston, S. A., Clark, A., & Florey, C. D. (1990). Protective effect of breast feeding against infection. *British Medical Journal*, 300, 11–16.

Hussain, J., Khan, A. L., Rehman, N., Zainullah, S. T. Hussain, Khan, F., & Shinwari, Z. K. (2009a). Proximate and nutrient analysis of selected medicinal plant species of Pakistan. *Pakistan Journal of Nutrition*, 8(1), 620 -624.

Hussain, F., & Durrani, M. J. (2009b). Nutritional evaluation of some forage plants from Harboi Rangeland, Kalat, Pakistan. *Pakistan Journal of Botany*, 41(3), 1137-1154.

Hussain, J., Riazullah, N., Rehman, A. L., Khan, Z., Muhammad, F., & Hussain, S. T. (2010a). Endogenous Transitional Metal and Proximate Analysis of Selected Medicinal Plants from Pakistan. *Journal of Medicinal Plant Research*, 4(3), 267-270.

Hussain, J., Bahader, A., Rehman, N., Khan, A. L., Ullah, W., & Shinwari, Z. K. (2010b). Proximate and Nutrient Analysis of the Locally Manufactured Herbal Medicines and Its Raw Material. *Journal of American Science*, 6(5), 91-96.

Ibukunoluwa, M. R. (2017). In vivo anti-plasmodial activity and histopathological analysis of water and ethanol extracts of a polyherbal antimalarial recipe. *Journal of Pharmacognosy and Phytotherapy*, 9(6), 87-100.

Idowu, O. A., Soniran, O. T., Ajana, O., & Aworinde, D. O. (2010). Ethnobotanical survey of antimalarial plants used in Ogun State, Southwest Nigeria. *African Journal of Pharmacy and Pharmacology*, 4 (2), 055–060.

International Organization for Migration (1992). *Emerging Infections: Microbial Threats to Health in the United States*, Institute of Medicine, Washington, DC.

- Indrayan, K., Sharma, S., Durgapal, D., Kumar, N., & Kumar, M. (2005). Determination of Nutritive Value and Analysis of Mineral Elements for Some Medicinally Valued Plants from Uttaranchal. *Current Science*, 89, 1252-1255.
- Indumathi, C., Durgadevi, G., Nithyavani, S., & Gayathri, P. K. (2014). Estimation of terpenoid content and its antimicrobial property in *Enicostemma litorrale*. *International Journal of Chem Tech Research*, 6 (9), 4264 – 4267.
- Jeremiah, Z. A. (2007). Uko EK: Childhood asymptomatic malaria and nutritional status among Port Harcourt Children. *East African Journal of Public Health*, 4, 5558.
- Kalita, P., Mukhopadhyay, P. K., & Mukherjee, A. K. (2007). Evaluation of the nutritional quality of four unexplored aquatic weeds from northeast India for the formulation of cost-effective fish feeds. *Food Chemistry*, 103, 204-209.
- Kaplan, F., Kopka, J., Haskell, D. W., Zhao, W., Schiller, K. C., Gatzke, N., Sung, D. Y., & Guy, C. L. (2004). “Exploring the temperature-stress metabolome of *Arabidopsis*”, *Plant Physiology*, 136(4), 4159–4168.
- Kaur, K., Meenakshi, J. (2009). Terandeep, K., Rahul, J. Antimalarials from nature. *Bio-organic Medical Chemistry*, 23(5), 120-121.
- Kashi, A. R., Ramachandran, S., & Sukumaran, B. (2012). *Textbook of Industrial Pharmacognosy*. University press, 125-126.
- Kerr, R. A. (1997). Greenhouse forecasting still cloudy. *Science*, 276, 1040–1042.
- Keusch, G. T. (1979). Nutrition as a determinant of host response to infection and the metabolic sequelae of infectious disease. *Seminar of Infectious Diseases*, 2, 265–303.

- Kokate, C. K., Purohit, A. P., & Gokhale, G. B. (2016). *Pharmaeognosy*. Nirali Prakashan, 52nd Edition, Pune.
- Kovendan, K., Murugan, K., Panneerselvam, C., Aarthi, N., Mahesh Kumar, P., Subramaniam, J., Amerasan, D., Kalimuthu, K., & Vincent, S. (2012a). Antimalarial activity of *Carica papaya* (Family: Caricaceae) leaf extract against Plasmodium falciparum. *Asian Pacific Journal of Tropical Disease*. S306-311.
- Kreuels, B., Kobbe, R., Adijei, S., Kreuzberg, C., Von Reden, C., Bater, K., Klug, S., Busch, W., Adijei, O., & May, J. (2008). Spatial variation of malaria incidences in young children from a geographically homogeneous area with high endemicity. *Journal of Infectious Diseases*, 197, 85–93. [PubMed].
- Kvist, L. P., Christensen, S. B., Rasmussen, H. B., Mejia, K., & Gonzalez, A. (2006). Identification and evaluation of Peruvian plants used to treat malaria and leishmaniasis. *Journal of Ethnopharmacology*, 106(3), 390-402.
- Kumar, A., Valecha, N., Jain, T., & Dash, A.P.(2007). Burden of malaria in India: retrospective and prospective view. *American Journal of Tropical Medecine & Hygiene*, 77, 69–78.
- Lamb, H. H. (1995). *Climate, History and the Modern World*. London: Routledge.
- Latham, M. C. (1997). *Human Nutrition in the Developing World*. FAO Food and Nutrition series, Rome, 29, 508.
- Leatherman, T. L. (1994). Health implications of changing agrarian economies in the southern Andes. *Hum decentralized organisations*, 53(4), 371-80.
- Levander, O. A., Ager, A. L., Morris, V. C., & May, R. G. (1989). Qinghaosu, dietary vitamin E, selenium, and cod liver oil: effect on the susceptibility of mice to the

malarial parasite *Plasmodium yoelii*. *American Journal of Clinical Nutrition*, 50(2), 346-352.

Lewis, D. A., Fields, W. N., & Shaw, G. P. (1999). A natural flavanoid present in unripe banana pulp (*Musa sapientum* L. var. paradisiacal) protects the gastric mucosa from aspirin-induced erosions. *Journal of Ethnopharmacology*, 65, 283-288.

López, C. R., López, J. A. N., González, M. I. M., Karen Amaya Vecht, K. A., Castañeda, M. R., & Barboza, A.P. (2006). *Manual de identificación de especies no maderables del corregimiento de Tarapacá*. Bogotá: Instituto Amazónico de Investigaciones Científicas (SINCHI) – GTZ (Germany), 120.

Longstreth, J. (1999). *Public health consequences of global climate change in the United States-some regions may suffer disproportionately*, *Environ Health Prospect*. National Framework for Malaria Elimination in India (2016-2030), 107, 169-179.

Lowé, J. M., Nestel, P., & Shea, O. P. (1993). Nutrition et Santé des jeunes enfants au Cameroun. Résultat de l'enquête démographique et de santé au Cameroun (1991). *Macro International Inc*, 1-2.

Lima, M. C., Motta, M. E., & Santos, E. C. (2004). Pontes da Silva GA, 2004. Determinants of impaired growth among hospitalized children: a case-control study. *Sao Paulo Medical Journal*, 122, 117-123.

Lopez-Alarcon, M., Villalpando, S., & Fajardo, A. (1997). Breastfeeding lowers the frequency and duration of acute respiratory infection and diarrhoea in infants under six months of age. *Journal of Nutrition*, 127, 436-443.

Lucas, J., Lou, R., & Grau, E. G. (2001). Pathogenesis of cerebral malaria. Recent experimental data and possible applications for humans. *American Journal of Clinical Nutrition*, *14*, 810-820.

Luong, K., Dunkel, F. V., Coulibaly, K., & Beckage, N. E. (2012). Potential Use of Neem Leaf Slurry as a Sustainable Dry Season Management Strategy to Control the Malaria Vector *Anopheles gambiae* (Diptera: Culicidae) in West African Villages. *Journal of Medical Entomology*, *49*(6), 1361-1369.

DOI: <http://dx.doi.org/10.1603/ME12075>.

Man, W. D., Weber, M., & Palmer, A. (1998). Nutritional Status of Children admitted to Hospital with Different diseases and its Relationship to Outcome in Gambia, West Africa. *Tropical Medical & International Health*, *3*, 678-86.

Maranz, S., & Deitsch, K. W. (2010). "Plasmodicidal drugs vs. immunogenic compounds: the potential of dietary flavonoids to attenuate malaria infections and build host immunity," in Proceedings of the Annual Meeting of American Society of Tropical Medicine and Hygiene, Atlanta, Ga, USA.

Maranz, S. (2012). An Alternative Paradigm for the Role of Antimalarial Plants in Africa. *Scientific World Journal*, *12*.

Mathews, C. E., Van-Holde, K. E., & Ahern, K. G. (1999). *Biochemistry 3rd edn.* Benjamin Cummings, 156.

Mathur, A., & Joshi, H. (2016). Traditional remedies used by migrant and local people in fever by plant species of Tarai region of Kumaun. Uttarakhand. *Indian Journal of Traditional Knowledge*, *15*(3). 519-523.

Malcolm, K., (2015, April 12). "Why being 'overweight' means you live longer: The way scientists twist the facts". <https://www.independent.co.uk>.

- Mayaux, P., Holmgren, P., Achard, F., Eva, H., Stibig, H., & Branthomme, A. (2005). *Tropical forest cover changes in the 1990s and options for future monitoring*. *Philosophical Transactions of the Royal Society, Series B*, 360, 373–384.
- Mcsweeney, C. S., Gough, J., Conlan, L. L., Hegarty, M. P., Palmer, B., & Krause, D. O. (2005). Nutritive value assessment of the tropical shrub legume *Acacia angustissima*: Anti-nutritional compounds and in vitro digestibility. *Animal Feed Science and Technology*, 121, 175-190.
- Melo, F. M. P., Fiore, M. F., Moraes, L. A. B., Silva-tenico, M. E., Scramin, S, Teixeira, M. A, & Melo, I. S. (2009). Antifungal compound produced by the cassava endophyte *Bacillus pumilus* MAIIM4A. *Scientia Agricola*, 66(5), 583–592.
- Milliken, W. (1997a). Traditional antimalarial medicine in Roraima, Brazil. *Economic Botany*, 51(3), 212-237.
- Milliken, W. (1997b). *Plants for malaria plants for fever: medicinal species in Latin America - a bibliographic survey*. Kew (UK): Royal Botanic Garden, 116.
- Mohapatra, K. M. (2001). *Profile of Severe Falciparum Malaria in diabetics*. *International Journal of Diabetes in Developing Countries*, 2, 156-61.
- Mojab, F, Kamalinejad, M., Ghaderi, N., & Vahidipour, H. R. (2003). Phytochemical screening of some species of Iranian plants. *Iranian Journal of Pharmaceutical Research*, 77-82.
- Morgan, P. L., Farkas, G., Hillemeier, M. M., & Maczuga, S. (2009). Risk Factors for Learning-Related Behavior Problems at 24 Months of Age: Population-Based

Estimates. *Journal of Abnormal Child Psychology*, 37, 401-413.
<http://dx.doi.org/10.1007/s10802-008-9279-8>.

Mukharjee, P. K. (2002). Quality Control of Herbal Drugs. *Business Horizons*, New Delhi, 110-113.

Muller, O., Garenne, M., Kouyate, B., & Becher, H. (2003). The association between protein–energy malnutrition, malaria morbidity and all-cause mortality in West African children. *Tropical Medicine of International Health*, 6 (8), 507–511.

Murray, M. J., Murray, N. J., Murray, A. B., & Murray, M. B. (1975). Refeeding-malaria and hyper ferraemia. *Lancet*, 1, 653–654.

National Institutes of Health. (1985). *Consensus conference*.

National Centre for Educational Statistics. (2008, 31 March).
<http://nces.ed.gov/programs/coe/glossary/s.asp>

New Wall, C. A., Anderson, L. A., & Phillipsan, J. D. (1996). Herbal medicines- A guide for healthcare professionals. *The Pharmaceutical Press*, London.

Niehaus, M. D., Moore, S. R., Patrick, P. D., Derr, L. L., Lorntz, B., Lima, A. A., & Guerra, R. L. (2002). Early childhood diarrhoea is associated with diminished cognitive function 4 to 7 years later in children in a northeast Brazilian shantytown. *American Journal of Tropical Medicine and Hygiene*, 66, 590–593.

NRHM(2011-2012). National Rural Health Mission, Assam, National disease Control Program, State Programme Implementation Plan 2011-2012, National Rural Health Mission, Assam.

Nyakeriga, M. Alice, Troye-Blomberg, M., Alex, K., Chemtai, Thomas, K. M., & Williams, N. (2004). Malaria and nutritional status in children living on the Coast of Kenya. *American Journal of Clinical Nutrition*, 80, 1604-10.

Omosun, G., Okoro, I. A., Ekundayo, E., Ojimekwe, P. C., & Ibe, O. (2013). Ethnobotanical study of medicinal plants useful for malaria therapy in eight local government areas of Abia State, Southeast Nigeria. *Advancement in Medical Plant Research*, 39(2),39-44.

Pari, L., & Maheswari, J. U. (1999). Hypoglycaemic effect of *Musa sapientum* L. in alloxan-induced diabetic rats. *Journal of Ethnomorphology*, 68, 321–325.

Park, K. (1972). *Preventive and Social Medicine*, 3rd edition, M/S Banaridas Bhanot Publication Jabalpur.

Pedralli, G. (2002). Dioscoreaceae e Araceae: aspectos taxonômicos, etnobotânicos e espécies nativas com potencial para melhoramento genético. In: Simposio Nacional sobre as culturas do inhame e do Taro, João Pessoa. *Resumo, João Pessoa: EMEPA-PB*. 2, 234.

Pierera, P. C. M., Meira, D. A., Curi, P. R., De Souza, N., & Burini, R. C. (1995). The malarial impact on the nutritional status of Amazonian adult subjects. *Revista Do Instituto De Medicina Tropical De Sao Paulo*. 37, 19-24.

Pinstrup-Andersen, P., Burger, S., Habicht, J. P., & Peterson, K. (1993). *Protein-energy malnutrition*. In: *Disease Control Priorities in Developing Countries*. (eds DT Jamison, WH Mosley, AR Measham & JL Bobadilla), Oxford University Press, Oxford. 391–420.

Pohlit, A. M., Lopes, N. P., Gama, R. A., Tadei, W. P., & Neto, V. F. (2011a). Patent literature on mosquito repellent inventions which contain plant essential oils-a review. *Planta Medica*, *77*, 598-617.

Pohlit, A. M., Rezende, A. R., Lopes Baldin, E. L., Lopes, N. P., & Neto, V. F. (2011b). Plant extracts, isolated phytochemicals, and plant-derived agents which are lethal to arthropod vectors of human tropical diseases-A review. *Planta Medica*, *77*, 618-630.

Pohlit, A. M., Lima, R. B. S., Frausin, G., Rocha, G., Silva, L. F., Moraes, C. B., Cravo, P., Lacerda, M. V. G., Siqueira, A. M., Freitas-Juniour, L. H., & Costa, F. T. M. (2013). Amazonian plant natural products: perspectives for discovery of new antimalarial drug leads. *Molecules*, *18*, 9219-9240.

Ponka, R., Fokou, E., Leke, R., Rose, Fotso, M., Souopgui, J., Achu, B. M., & Tchouanguep, F. M. (2005). Methods of preparation and nutritional evaluation of dishes consumed in a malaria endemic zone in Cameroon (Ngali II). *African Journal of Biotechnology*, *4*, 273-278.

Prakash, B. N., & Unnikrishnan, P. M. (2013). Ethnomedical Survey of Herbs for the Management of Malaria in Karnataka, India. *Ethnobotany Research & Applications*, *11*, 289-298.

Pravakar, P. (2011). *Arum Family (Araceae): Taro*. In. [http:// agriorissa.blogspot.co.uk/2011/10/arumfamily-araceaetaro.html](http://agriorissa.blogspot.co.uk/2011/10/arumfamily-araceaetaro.html).

Punthanara, S., Chairatanayuth, P., Vijchulata, P., Surapat, S., Kuntho, U., & Narongwanichakarn, W. (2009). Effects of cassava hay supplementation on antibacterial activity of the lactoperoxidase system in raw milk of dairy cows. *Journal of Natural Science*, *43*, 486-496.

- Quality Control Methods for Medicinal Plant Materials* (1998). World Health Organization (WHO), Geneva.
- Raman, J., Mauff, K., Muianga, P., Mussa, A., Maharaj, R., & Barnes, K. I. (2011). Five years of antimalarial resistance marker surveillance in Gaza Province, Mozambique, following artemisinin-based combination therapy roll out. *Public Library of Science One*, 6, e25992. Doi. 10.1371/journal.pone.0025992.
- Rao, T. R. (1984). *The Anophelines of India*. Malaria Research Centre (ICMR), Delhi, India. pp. 1-517.
- Rasoanaivo, P., Wright, C. W., Willcox, M. L., & Gilbert, B. (2011). Whole plant extracts versus single compounds for the treatment of malaria: synergy and positive interactions. *Malaria Journal*, 10(1). <http://www.malariajournal.com/content/10/S1/S4>.
- Rabha, B., Goswami, D., Dhiman, S., Das, N. G., Talukdar, P. K., Nath, M. J., Baruah, I., Bhola, R. K., & Singh, L. (2011). A cross sectional investigation of malaria epidemiology among seven tea estates in Assam, India. *Journal of Parasitic Disease*, 36, 1–6. [PMC free article] [PubMed].
- Razanamparany, M. S., Randriamiharisoa, F. A., Razanamparany, N. J. D., & Ramialimanana, V. (1995). L'épidémie de paludisme an Antananarivo de 1983 à 1994 vue à travers le service de pèdiatre de l'hôpital general de Befelatanana. *Cahiers Sante*, 5, 82-5.
- Reddy, R. C., Vatsala, P. G., Keshamouni, V. G., Padmanaban, G., & Rangarajan, P. N. (2005). Curcumin for malaria therapy. *Elsevier*, 326(2), 472-474.
- Reddy, M. B., Reddy, K. R., & Reddy, M. N. (1989) A survey of plant crude drugs of Anantapur district, Andhra Pradesh, India. *International Journal of Crude Drug Research*, 27(3), 145-155.

Reiter, P. (2001). Global climate change and mosquito-borne disease. *Environmental Health Perspective*, 109 (1), 141-162.

Reuben, R. (1989). *Obstacles to malaria control in India - the human factor*. In: *Geography and vector-borne diseases*, Service, M.W. (Editor). CRC Press. Florida, 144-154.

Ribeiro, D. (1967). *Indigenous cultures and languages of Brazil*. In: *Indians of Brazil in the Twentieth Century* (Hopper, J. H., ed.), Washington, D. C., Institute for Cross-Cultural Research, 69-76.

Rice, A. L., Sacco, L., Hyder, A., & Black, R. E. (2000). *Malnutrition as an underlying cause of childhood deaths associated with infectious diseases in developing countries*. *Bulletin of the World Health Organization*, 78, 1207–1221.

Ross, E. B. (1976). *The Achuara Jivaro: Cultural Adaptation in the Upper Amazon*. Ph.D. Dissertation, Columbia University, New York.

Rudrapal, M., Chetia, D. (2017). Plant Flavonoids as Potential Source of Future Antimalarial leads. *Systematic Reviews in Pharmacy*, 8(1).

Saotoing, P., Vroumsia, T., Tchobsala, Tchuenguem, F. F., Njan, N. A. M., & Messi, J. (2011). Medicinal plants used in traditional treatment of malaria in Cameroon. *International Journal of the Physical Sciences*, 3 (3), 104–117.

Sanyal, A. K., Gupta, K. K., & Chowdhury, N. K. (1963). Banana and gastric secretion. *Journal of Pharmacy and Pharmacology*, 15, 283-284.

Sartaj, A. (2001). *Why 800 million people still hungry? Sustainable food security for all by 2020*. September 4-6, Bonn Germany, 82.

Schorling, J. B., McAuliffe, J. F., De Souza, M. A., & Guerrant, R. L. (1990). Malnutrition is associated with increased diarrhoea incidence and duration among children in an urban Brazilian slum. *International Journal of Epidemiology*, 19, 728–735.

Sehgal, P. N., Sharma, M. I. D., Sharma, S. L., & Gogoi, S. (1973). Resistance to chloroquine in falciparum malaria in Assam State. *Indian Journal of Communicable Disease*, 5, 175–180.

Shankar, D., & Venugopal, S. (1999). *Understanding of Malaria in Ayurveda and Strategies for Local Production of Herbal Anti-malaria's*. First International Meeting of the Research Initiative on Traditional Antimalarials Moshi, Tanzania, 3, 2513. Google Scholar.

Sharma, V. P., & Malhotra, K. N. (1986). Malaria resurgence in India: a critical study. *Social science & Medicine*, 38 (1), 165-178.

Sharma, R. S., Sharma, G. K., & Dhillon, G. P. S. (1996). *Intervention measures for Transmission Control; in Epidemiology and control of malaria in India* (New Delhi: National Malaria Eradication Programme), 218–224.

Sharma, V. P. (2000). *Status of drug resistance in malaria in India; in Multi-drug resistance in emerging and re-emerging diseases* (ed.) R C Mahajan (Delhi: Narosa Publications), 191–202.

Shigemori, H., Kagata, T., & Ishiyama, H. (2003). New monoterpene alkaloids from *Nauclea latifolia*. *Chemical & Pharmaceutical Bulletin*, 51, 58-61.

- Singh, V. K., & Ali, Z. A. (1994). Folk Medicines in primary health care: common plants used for the treatment of fevers in India. *Fitoterapia*, 65, 68-74. Google Scholar.
- Singh, R. K., Dhiman, R. C., & Mittal, P. K. (2006, June 2006). Mosquito larvicidal properties of *Momordica charantia* Linn (Family: Cucurbitaceae) *Journal of Vector Borne Diseases*, 43, 88–91.
- Sofowora, A. (1993). *Medicinal Plants and Traditional Medicine in Africa*. Spectrum Books Ltd., Ibadan, Nigeria, pp. 191-289.
- Snow, R. W., Craig, M., Deichmann, U., & Marsh, K. (1999). *Estimating mortality, morbidity and disability due to malaria among Africa's non-pregnant population*. *Bulletin of the World Health Organization*, 77, 624–640.
- Snow, R. W., Byass, P., Shenton, F. C., & Greenwood, B. M. (1991). The relationship between anthropometric measurements, and measurements of iron status and susceptibility to malaria in Gambian children. *Transactions of Royal Society of Tropical Medicine and Hygiene*, 85:584-589.
- Sreedevi, & Chaturvedi, A. (1993). Effect of vegetable fibre on post *prandial* glycemia. *Plant Food Human Nutrition.*, 44, 71-78.
- Subramanian, S. S., & Nagarajan, S. (1969). Flavonoids of the seed of *Crotalaria retusa* and *C. striata*. *Current Science*, 38, 65.
- Tanner, M., Buurnier, E., & Mayombana, C. (1987). Longitudinal study on the health status in a rural Tanzanian community: Parasitosis and nutrition following control measures against intestinal parasites. *Acta Tropica* , 44, 137-174.

Tanner, M., & Vlassof, C. (1998). Treatment-seeking behavior for malaria: a typology based on endemicity and gender. *Social Science & Medicine*, 46, 523–532.

Taubes, G. (1997), *Apocalypse not*, *Science*, 278, 1004-1006.

Tett, S. F. B., Stott, P. A., Allen, M. R., Ingram, W. J., & Mitchell, J. F. B. (1999). Causes of twentieth-century temperature changes near the Earth's surface. *Nature*, 399, 569-572.

Titanji, V. P. K., Zofou, D., & Ngemeneya, M. N. (2008). The Antimalarial potential of medicinal plants used for the treatment of malaria in Cameroonian Folk Medicine. *Africal Journal of Traditional, Complementary and Alternative Medicines CAM*, 5(3), 302-321.

Tonglet, R., Mahangaiko, Lembo, E., Zihindua, P. M., Wodon, A., Dramaix, M., & Hennart, P. (1999). How useful are anthropometric, clinical and dietary measurements of nutritional status as predictors of morbidity of young children in central Africa? *Tropical Medicine of International Health*, 4, 120-130.

Trease, & Evans. (1996). *Textbook of pharmacognosy* (Pub by: Harcourt Bruce and Co, Asia PTE Ltd), 222-224.

Trung, H. D., Bortel, W. V., Sochantha, T., Keokenchanh, K., Briet, O. J., & Coosemans, M. (2005). Behavioural heterogeneity of Anopheles species in ecologically different localities in Southeast Asia: a challenge for vector control. *Tropical Medicine of International Health*, 10, 251–262.

Tulloch, J. (1999). Integrated approach to child health in developing countries. *Lancet*, 354, 16–20.

Van den Broek, J., Eeckels, R., & Vuylstek, J. (1993). Influence of nutritional status on child mortality in rural Zaire. *Lancet* 341, 1491–1495.

Velayutham, K., Ramanibai, R., & Umadevi, M.(2016). Green synthesis of silver nanoparticles using Manihot esculenta leaves against *Aedes aegypti* and *Culex quinquefasciatus*. *Journal of Basic and Applied Zoology*,74, 37–40. (<http://creativecommons.org/licenses/by-nc-nd/4.0/>)

Victora, C. G., Smith, P. G., Vaughan, J. P., Nobre, L. C., Lombardi, C., Teixeira, A. M., Fuchs, S. M., Moreira, L. B., Gigante, L. P., & Barros, F. C. (1988). Influence of birth weight on mortality from infectious diseases: a case-control study. *Pediatrics*, 81, 807–811.

Vickers, W. T. (1989). *Los Sionas y Secoyas*. Quito, ABYA-YALA.

Vongo, R. (1999). *The role of traditional medicine on antimalarials in Zambia*. First International Meeting of the Research Initiative on Traditional Antimalarials Moshi, Tanzania. Google Scholar.

Wahrmund-Wyle, J. L., Harris, K. B., & Savell, J. W. (2000). Beef Retail Cut Composition: Proximate Analysis. *Journal of Food Composition and Analysis*, 13, 243-251.

Walker, M., Winskill, P., Basanez, M. G., Mwangangi, J. M., Mbogo, C., Beier, J. C., & Midega, J. T. (2013). Temporal and micro-spatial heterogeneity in the distribution of Anopheles vectors of malaria along the Kenyan coast. *Parasites and Vectors*, 6, 311.

Wallis, T. E. (1967). *Textbook of Pharmacognosy*. 5th Ed.; J & A Churchill Ltd., London, 86-88.

- Wang, W. J., Li, X. Y., & Zu, Y. G. (2005). Dynamic feature of flavonoids content in different organs of larch (*Larixgmelinii*). *Journal of Forest Research*, 16(2), 89–92.
- Wigley, T. M. L., & Schimel, D. S. (2000). *The Carbon Cycle*, Cambridge University Press, Cambridge, UK., 1-292.
- WHO. (2004, January). *Appropriate body-mass index for Asian populations and its implications for policy and intervention strategies.*” *Lancet*, 363 (9403), 157–63.
- WHO. (2014). *Tratamiento del paludismo grave*. Manual practico. 3ed. Geneva (Switzerland), 83.
- World malaria report (2015). Regional and country profiles. <http://www.who.int/malaria/world-malaria-report-2015>. Accessed on 30 April 2017
- Williams, C. A., Harborne, J. B., & Mayo, S. J. (1981). Anthocyanin pigments and leaf flavonoids in the family Araceae. *Phytochemistry*, 20, 217–234.
- Wright, C. W., & Phillipson, J. D. (1990). Natural products and the development of selective antiprotozoal drugs. *Phototherapy Research*, 4, 127-139.
- Yadav, K., Nath, M. J., Talukdar, P. K., Saikia, P. K., Baruah, I., & Singh, L. (2012). Malaria risk areas of Udalguri district of Assam, India: a GIS-based study. *International Journal of Geographical Information Science*, 26(1), 123–131.