

George Budd (1808-1882) and Nutritional Deficiency Diseases

20. *Ibid.*, orange juice loses over half its content of vitamin C when converted into 'rob' according to Lind's directions; moreover, over threequarters of the vitamin C content of the 'rob' is lost during storage for two months (R. E. Hughes—unpublished observations).
21. BUDD, G., *op. cit.*, p. 745.
22. *Ibid.*, p. 746.
23. MCLAREN, D., in *The Vitamins*, ed. W. H. Sebrell and Robert S. Harris, New York and London, Academic Press, 1967, vol. 1, p. 267.
24. BUDD, G., *op. cit.*, p. 825.
25. DRUMMOND, J. C. and WILBRAHAM, A., *op. cit.*, p. 381.
26. BUDD, G., *op. cit.*, p. 829.
27. The belief that a nutrient deficiency could produce a craving for foods containing the missing principle was a point frequently emphasized by Budd in his writings.
28. COMBE, ANDREW, *The Physiology of Digestion considered with relation to the Principles of Dietetics*, 2nd ed., Edinburgh, 1836.
29. WILLICK, A. F. M., *Lectures on Diet and Regimen*, 3rd ed., London, 1800, p. 322.
30. KILGOUR, ALEXANDER, *Lectures on the Ordinary Agents of Life*, Edinburgh, 1834, p. 232. Similar to Kilgour's approach was that of Paris in his widely known *Treatise on Diet*, 2nd ed., London, 1827.
31. HARRIS, L. J., *Vitamins in Theory and Practice*, 4th ed., Cambridge, 1955, p. 6. Budd wrote in his article on 'Scurvy' in 1840: 'We are ignorant of the essential element, common to the juices of antiscorbutic plants, on which the properties in question depend; but shall, probably, not be deemed to sanguine, if we anticipate that the study of organic chemistry, and the experiments of physiologists, will, at no distant period throw some light on this subject' (Budd, G. in Tweedie, A., *op. cit.*, p. 77).
32. I.e. water, carbohydrate, protein and fat respectively.
33. PEREIRA, JONATHAN, *A Treatise on Food and Diet*, London [n.d.], preface dated 1843.
34. *Ibid.*, p. 147.
35. PAVY, F. W., *A Treatise on Food and Diet*, London, 1874, p. 499.
36. HOPKINS, F. GOWLAND, *Analyst*, 1906, 31, 395.
37. BUDD, G., 1842, *op. cit.*, p. 745.
38. HOPKINS, F. GOWLAND, *J. Physiol.*, 1912, 44, 425.
39. BUDD, G., 1842, *op. cit.*, p. 830.

CENTENNIAL MEETING TO COMMEMORATE THE FOUNDING OF THE
ANDERSON SCHOOL OF NATURAL HISTORY BY LOUIS AGASSIZ

A week-long meeting is being planned to commemorate Louis Agassiz and his Anderson School of Natural History at Penikese Island on the hundredth anniversary of its founding. Meetings at Woods Hole and on Penikese Island, Cape Cod, Mass., 13-18 August 1973 will be devoted to the historical importance of Agassiz and his School (organizer H. L. Burstyn), and to an in-depth study of island biology (organizer E. O. Wilson). A field trip (organizer J. S. Ranklin, Jr.) to Penikese Island will be made to continue the work of previous anniversary trips in 1923 and 1947. Those interested in attending should write to Dr. Donald J. Zinn, General Chairman of the Committee on Arrangements, Department of Zoology, University of Rhode Island, Kingston, R. I. 02881, for further information and an application form.