

Research article : supplementary material

Comparative diet and nutrition of primates at the Singapore Zoo

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Appendix I. Nutrients in major food items in fruit/vegetable and leaf diets.

Species	Crude protein	Crude fat	Non-Structural Carbohydrate	NDF	Protein–Fibre Ratio
Fruit/Vegetable Diet					
Sweet potato (<i>Ipomoea batatas</i>)	1.41/7.6	0.42/2.2	9.83/52.4	5.64/30.1	0.81
Baby corn (<i>Zea mays</i>)	2.15/28.0	0.01/0.10	0.09/1.2	4.82/62.7	2.05
Carrot (<i>Daucus carota</i>)	0.49/4.9	<0.01/<0.1	7.45/74.1	1.46/14.5	0.43
Long bean (<i>Vigna unguiculata</i> subsp.)	2.80/32.9	0.01/0.1	1.97/23.1	2.99/35.1	1.05
French bean (<i>Phaseolus vulgaris</i>)	1.66/22.8	0.06/0.8	1.12/15.4	3.77/51.8	0.78
Apple (<i>malcus domestica</i>)	0.60/3.8	0.35/2.2	8.61/54.3	5.97/37.7	1.62
Pear (<i>Pyrus</i> spp.)	0.45/3.2	0.10/0.7	9.98/71.0	3.02/21.5	0.4
Tomato (<i>Solanum lycopersicum</i>)	0.48/11.6	0.09/2.2	1.35/32.7	2.13/51.6	0.46
Banana (<i>Musa sapientum</i>)	1.36/7.5	0.38/2.1	10.19/56.0	4.92/27.0	1.92
Tapioca leaves (<i>Manihot esculenta</i>)	7.72/31.3	0.38/1.5	7.14/28.9	7.65/31.0	2.01
Kang kong (<i>Ipomoea aquatic</i>)	1.44/22.6	<0.01/0.2	0.97/15.2	2.22/34.8	0.79
Sunflower seeds (<i>Helianthus annuus</i>)	18.60/19.2	30.68/31.7	6.65/6.9	37.56/38.8	0.61
Leaf diet					
Mulberry (<i>Morus alba</i>)	5.70/18.4	1.63/5.2	7.05/22.7	13.56/43.7	0.73
Miracle (<i>Leucaena leucocephala</i>)	3.65/12.1	1.20/4.0	6.27/20.8	16.13/53.4	0.27
Ketapang leaf (<i>Terminalia catappa</i>)	4.60/14.1	0.86/2.6	12.63/38.7	11.78/36.1	0.4
Hibiscus (<i>Hibiscus</i> sp.)	3.86/14.9	1.26/4.9	7.23/27.9	10.38/40.1	0.62
Acalypha (<i>Acalypha siamensis</i>)	3.55/11.3	0.84/2.7	9.01/28.6	15.18/48.1	0.28
Hemigraphis (<i>Hemigraphis</i> sp.)	3.79/18.8	0.46/2.3	1.91/9.5	8.54/42.3	0.61
Polygonum (<i>Polygonum chinensis</i>)	3.19/12.9	0.68/2.8	6.88/27.9	12.23/49.6	0.29
Salam (<i>Syzygium polyantha</i>)	3.78/11.1	0.91/2.7	3.55/10.4	24.16/70.9	0.18
Starfruit (<i>Averrhoa carambola</i>)	4.82/15.3	0.10/0.3	5.46/17.3	19.24/60.9	0.67
Camwood (<i>Baphia nitida</i>)	7.17/30.8	0.15/0.6	4.39/18.8	10.19/43.8	1.12
Hong Kong orchid tree (<i>Bauhinia blakeana</i>)	6.49/18.2	0.39/1.1	10.99/30.9	15.12/42.5	0.71
Australian brush cherry (<i>Syzygium oleina</i>)	2.70/6.4	0.46/1.1	16.4/39.1	20.50/48.9	0.25

Nutritional values in fruit/vegetable and leaf diets per 100g/% of DM. Protein–fibre ratio calculated by dividing crude protein by ADF.