

TABLE 1. ASSAY OF PPASE AND PEP CARBOXYLASE ACTIVITIES OF A RANGE OF PLANTS

Tissue	Protein ($\mu\text{g}/100 \mu\text{l}$)	PPase activity ($m\mu\text{moles Pi released/mg}$ protein/min)	PEP carboxylase (counts/100 sec/mg protein/min)
Sugar cane	79	4936	1632
<i>Urtica dioica</i> L.	705	199	ND
<i>Spinacia oleracea</i>	38	3684	ND
<i>Filipendula ulmaria</i>	140	757	ND
<i>Aloe</i> spp.	230	639	10
Maize	290	4500	64
<i>Panicum fasciculatum</i>	600	1038	157
Sorghum	435	1353	738
<i>Opuntia</i>	82	488	164
<i>Chenopodium album</i>	150	4560	78

ND = None detected.

Protein was extracted from leaf samples by the method of Hatch *et al.*⁶ Reaction mixtures for PPase assay contained (in μmoles) PPI 5; MgCl_2 20; tris-HCl, pH 8.3, 350; protein 100 μl , assay as described in Experimental. PEP carboxylase was assayed as described in that section.