

TABLE 2. *Some active fluxes across plasmalemma (p) or tonoplast (t) in darkness in steady state conditions*

Flux	Membrane	Rate $10^{-12}$ mol $\text{cm}^{-2}$ $\text{s}^{-1}$	Tissue and condition	Reference
K <sup>+</sup> influx	p	1.4	<i>Avena sativa</i> , coleoptile, in nutrient solution	Pierce and Higinbotham, 1972
Na <sup>+</sup> efflux	p	>0.3	<i>Avena sativa</i> , coleoptile, in nutrient solution	Pierce and Higinbotham, 1972
Cl <sup>-</sup> influx	p	0.5	<i>Avena sativa</i> , coleoptile, in nutrient solution	Pierce and Higinbotham, 1972
K <sup>+</sup> influx	t	1.7	<i>Avena sativa</i> , coleoptile, in nutrient solution	Pierce and Higinbotham, 1972
Na <sup>+</sup> influx	t	0.3	<i>Avena sativa</i> , coleoptile, in nutrient solution	Pierce and Higinbotham, 1972
Cl <sup>-</sup> influx	t	0.1	<i>Avena sativa</i> , coleoptile, in nutrient solution	Pierce and Higinbotham, 1972
K <sup>+</sup> influx	p	0.7	<i>Pisum sativum</i> , epicotyl, in nutrient solution	Macklon and Higinbotham, 1970
K <sup>+</sup> influx	t	1.0	<i>Pisum sativum</i> , epicotyl, in nutrient solution	Macklon and Higinbotham, 1970
All ions, efflux	p	1.3–2.8	<i>Nitella</i> sp.	Vredenberg, 1972
K <sup>+</sup> influx	p	15.0–30.0	<i>Acetabularia</i> sp.	Saddler, 1970
Na <sup>+</sup> efflux	p	3.0–10.0	<i>Acetabularia</i> sp.	Saddler, 1970

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