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## ABBREVIATIONS AND SYMBOLS

Abbreviation of *Pediastrum* species checklist

Species name	Abbreviations
<i>Pediastrum alternans</i> Nygaard	Palter
<i>P. angulosum</i> Ehrenberg ex Meneghini	Pangu
<i>P. angulosum</i> var. <i>coronatum</i> (Raciborski)* J.Komárek & V.Jankovská	Pangucoro
<i>P. araneosum</i> (Raciborski) Raciborski	Paran
<i>P. araneosum</i> var. <i>rugulosum</i> G.S.West	Paranru
<i>P. argentinense</i> Bourrelly & Tell	Pargen
<i>P. asymmetricum</i> T.Yamagishi & E.Hegewald	Pasym
<i>P. biradiatum</i> Meyen	Pbira
<i>P. biradiatum</i> var. <i>emarginatum</i> (Ehrenberg) Lagerheim	Pbiema
<i>P. biradiatum</i> var. <i>glabrum</i> (Raciborski) Parra	Pbigla
<i>P. biwae</i> Negoro	Pbiwae
<i>P. boryanum</i> (Turpin) var. <i>boryanum</i> Meneghini	Pbbory
<i>P. boryanum</i> var. <i>brevicorne</i> Braun	Pbbrev
<i>P. boryanum</i> var. <i>caribeanum</i> A.Comas	Pbcari
<i>P. boryanum</i> var. <i>cornutum</i> (Raciborski) Sulek	Pbcorn
<i>P. boryanum</i> var. <i>forcipatum</i> (Corda) Chodat	Pbfor
<i>P. boryanum</i> var. <i>longicorne</i> Reinsch	Pblong
<i>P. boryanum</i> var. <i>perforatum</i> (Raciborski) Nitardy	Pbper
<i>P. boryanum</i> var. <i>pseudoglabrum</i> Parra Barrientos	Pbpseu

Species name	Abbreviations
<i>P. clathratum</i> (Schröder) Lemmermann	Pcla
<i>P. clathratum</i> var. <i>radians</i> (Lemmermann) Bachmann	Pclara
<i>P. duplex</i> var. <i>duplex</i> Meyen	Pddup
<i>P. duplex</i> var. <i>asperum</i> A. Braun	Pdas
<i>P. duplex</i> var. <i>clathralum</i> (A. Braun) Lagerheim	Pdcla
<i>P. duplex</i> var. <i>cohaerens</i> (Bohlin) Ergashev	Pdcoha
<i>P. duplex</i> var. <i>cornutum</i> J.Komárek & V. Jankovská	Pdcornu
<i>P. duplex</i> var. <i>coronatum</i> Raciborski	Pdcoro
<i>P. duplex</i> var. <i>genuinum</i> (A.Braun) Lagerheim	Pdgenu
<i>P. duplex</i> var. <i>gracillimum</i> West & G.S.West	Pdgracil
<i>P. duplex</i> var. <i>punctatum</i> (Willi Krieger) Parra	Pdpunc
<i>P. duplex</i> var. <i>reticulatum</i> Lagerheim	Pdreti
<i>P. duplex</i> var. <i>rotundatum</i> Lucks	Pdrotu
<i>P. duplex</i> var. <i>rugulosum</i> Raciborski	Pdrugu
<i>P. emarginatum</i> Kützing	Pemarg
<i>P. integrum</i> Nägeli	Pinte
<i>P. integrum</i> var. <i>perforatum</i> Raciborski	Pinper
<i>P. kawraiskyi</i> Schmidle	Pkawra
<i>P. longicornutum</i> Gutwinski	Plong
<i>P. muticum</i> Kützing	Pmuti
<i>P. obtusum</i> Lucks	Pobtus
<i>P. orbitale</i> Komarek	Porbi

Species name	Abbreviations
<i>P. obtusum</i> Lucks	Pobtus
<i>P. orbitale</i> Komarek	Porbi
<i>P. pertusum</i> Kützing	Ppertu
<i>P. privum</i> (Printz) E.Hegewald	Ppri
<i>P. simplex</i> var. <i>simplex</i> Meyen	Pssim
<i>P. simplex</i> var. <i>clathratum</i> Schröter	Pscla
<i>P. simplex</i> var. <i>duodenarium</i> (J.W.Bailey) Rabenhorst	Psduo
<i>P. simplex</i> var. <i>echinulatum</i> Wittrock	Psechi
<i>P. simplex</i> var. <i>granulatum</i> Lemmermann	Psgra
<i>P. simplex</i> var. <i>pseudoglabrum</i> Parra Barrientos	Pspseu
<i>P. simplex</i> var. <i>radians</i> Lemmermann	Psradi
<i>P. simplex</i> var. <i>sturmii</i> (Reinsch) Wolle	Psstur
<i>P. subgranulosum</i> Raciborski*	Psub
<i>P. tetras</i> (Ehrenberg) Ralfs	Ptetras
<i>P. tetras</i> var. <i>apiculatum</i> Playfair	Pteapi
<i>P. tetras</i> var. <i>excisum</i> Rabenhorst	Pteex
<i>P. tetras</i> var. <i>tetraodon</i> (Corda) Hansgirg	Ptetetra
<i>P. sculptatum</i> G.M.Smith	Psculp
<i>Pediastrum</i> sp. 1	Psp1
<i>Pediastrum</i> sp. 2	Psp2
<i>Pediastrum</i> sp. 3	Psp3

## Environmental variable abbreviations

Environmental variable	Abbreviations	Unit
Air temperature	Water Temp	°C
Water temperature	Water Temp	°C
Total alkalinity	Alkali	mg/L as CaCO <sub>3</sub>
Conductivity	Conduct	μS/cm
Dissolved Oxygen	DO	mg/L
Biochemical oxygen demand	BOD	mg/L
Ammonium nitrogen	NH <sub>4</sub> <sup>+</sup>	mg/L
Soluble reactive phosphorus	PO <sub>4</sub> <sup>2-</sup>	mg/L
Nitrate nitrogen	NO <sub>3</sub> <sup>-</sup>	mg/L
Chlorophyll <i>a</i>	Chloro <i>a</i>	μg/L