

## The correct authority for the brown algal family *Scytoniphonaceae* (*Phaeophyceae*)

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Traditionally, the family name *Scytoniphonaceae* has been attributed to Farlow (1881: 15, 62, ‘family Scytoniphoneae’ of the ‘Suborder Phaeosporeae’). However, Rousseau & al. (2000: 37, 42), based upon the opinion of Paul C. Silva, attributed the family name to Ardisson & Strafforello (1877: 44, ‘Famiglia V – Scitosifonee’, 130, ‘Scytoniphoneae’). Despite the further attribution of Silberfeld & al. (2014: 133) of the family *Scytoniphonaceae* to Ardisson & Strafforello in their updated classification of brown algae, succeeding accounts of seaweed biodiversity still incorrectly cite Farlow as the authority of the family *Scytoniphonaceae*.

Several authors have used ‘Scytoniphoneae’ to refer to a brown algal grouping at the family level (correctable to ‘*Scytoniphonaceae*’ to conform with Art. 18.1, according to Art. 18.4 of the International Code of Nomenclature (ICN; Turland & al., 2018)), including Ardisson & Strafforello (1877: ‘Famiglia Scitosifonee’ with description on p. 44), Gobi (1878: 8, 68), and Farlow (1881: 15, 62). According to ICN Art. 11, the principle of priority applies to names at the family level; hence, the name *Scytoniphonaceae* should be attributed to Ardisson & Strafforello.

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- Ardisson, F. & Strafforello, J. (1877). *Enumerazione delle Alghe di Liguria*. pp. [1]-238. Milano: Tipografia Editrice Lombarda.
- Farlow, W.G. (1881 '1882'). The marine algae of New England. In: Report of the U.S. Commissioner of Fish and Fisheries for 1879. (Eds), pp. 1-210. Washington.
- Gobi, C. (1878). Die Algenflora des Weissen Meeres und der demselben zunächstliegenden Theile des nördlichen Eismeeres. *Mémoires de l'Académie Impériale des Sciences de St. Petersburg, VIIé série* 26(4): 1-92.
- Rousseau, F., de Reviers, B., Leclerc, M.-C., Asensi A. & Delépine, R. (2000). Adenocystaceae fam. nov. (Phaeophyceae) based on morphological and molecular evidence. *European Journal of Phycology* 35: 35-43.
- Silberfeld, T., Rousseau, F. & de Reviers, B. (2014). An updated classification of brown algae (Ochrophyta, Phaeophyta). *Cryptogamie Algologie* 35: 117-156.
- Silva, P.C. (1980). Names of classes and families of living algae: with special reference to their use in the Index Nominum Genericorum (Plantarum). *Regnum Vegetabile* 103: 1-156.
- Turland, N.J., Wiersema, J.H., Barrie, F.R., Greuter, W., Hawksworth, D.L., Herendeen, P.S., Knapp, S., Kusber, W.-H., Li, D.-Z., Marhold, K., May, T.W., McNeill, J., Monro, A.M., Prado, J., Price, M.J. & Smith, G.F., editors (2018). *International Code of Nomenclature for algae, fungi, and plants (Shenzhen Code)* adopted by the Nineteenth International Botanical Congress Shenzhen, China, July 2017. *Regnum Vegetabile*, Vol. 159. pp. [i]-xxxviii, 1-253. Glashütten: Koeltz Botanical Books.