

***Zygnema anglicum* Guiry, a replacement name for *Zygnema insigne* (Hassall) Kützing, *nom. illeg.*, non *Zygnema insigne* Hassall (Zygnemataceae, Zygnematophyceae)**

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Zygnema insigne Hassall was described [Hassall 1845: 440 (Supplement), pl. CIII [103]: figs 1, 2] from two syntype localities in England: ponds at Wadhurst, near Tunbridge Wells [now Royal Tunbridge Wells, Kent] and from Iden, near Rye [East Sussex], both collected by Edward Jenner (1803–1872). The name is also mentioned in Jenner (1845: xviii) as ‘*Zygnema insigne*, Hass. MS. May’ without a description but with a fuller account of the Wadhurst collection locality. The name was referred to *Spirogyra insignis* (Hassall) Kützing by Kützing [1849: 438, ‘*In Germania et Anglia*. (v.s.)’]. This is currently the correct name for this species (e.g. Dillard 1990, Johnson 2011, Petlovany 2015), although I cannot find any evidence of designation of a type.

Tyndaridea insignis Hassall was also described by Hassall (1845: 163, pl. XXXVIII: figs 6, 7) from multiple localities in southern England (High Beech, Wanstead, and other places; Ruthall Common; in pool by roadside between Cross in Hand and Heathfield: pond near Five Ashes, Mayfield; on Waterdown Forest; Greatham and Storrington Commons), with some of the syntype material also being collected by Jenner. This species was transferred to *Zygnema* as *Zygnema insigne* (Hassall) Kützing by Kützing (1849: 444, ‘*In Britannia*’). This name is presently employed world-wide (Europe, Asia, Australasia, North America; see [Guiry & Guiry 2024 for details](#)) but is an illegitimate later homonym and requires replacement. Unfortunately, *Zygnema hassallii* Jenner ex Hassall (1845) is already twice occupied [*Zygnema hassallii* Jenner ex Hassall (Hassall 1845: 91), and *Zygnema hassallii* A.W.Bennett (1886: 14, pl. 2: figs 28-40), *nom. illeg.*].

Zygnema anglicum* Guiry, *nov. nom.

Replaced synonym: *Zygnema insigne* (Hassall) Kützing, *Species Algarum* p. 444, no fig., 1849, *nom. illeg.* non *Zygnema insigne* Hassall, *A history of the British freshwater algae*, p. 440, 1845.

Basionym: *Tendaridea insignis* Hassall (‘*Tyndaridea*’), *A history of the British freshwater algae* 163, pl. XXXVIII: figs 6, 7, 1845 (Fig. 1).

Registration: <http://phycobank.org/104462>

Note: The locality from which the specimen illustrated (Fig. 1) was collected is not specified by Hassall (1845, expl. pl. XXXVIII) but is certainly from southern England. A type does not appear to have been designated.

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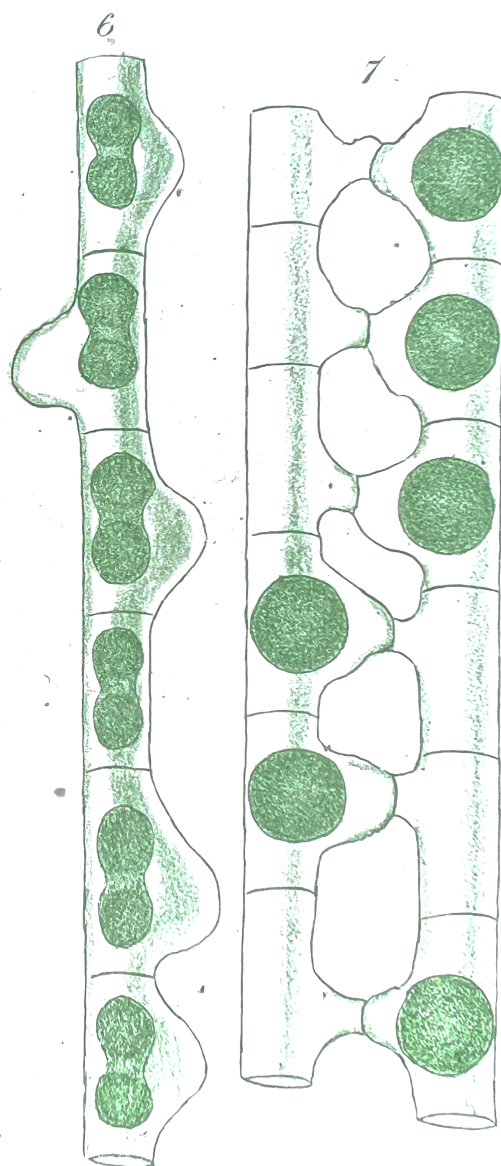


Fig. 1. Original illustration of *Tendaridea insignis* Hassall, *A history of the British freshwater algae* 163, pl. XXXVIII: figs 6, 7, 1845.