

**Supplementary material**

**Pair and harem formation, nest-building and courtship behaviour of the marine ornamental fish *Gramma brasiliensis* Sazima, Gasparini & Moura, 1998 in captivity**

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**Video S1.** Example of the behaviours ‘Catch-spit’ and ‘Catch-nest’ with macroalgae. See [here](#).

**Video S2.** Example of the behaviours ‘Catch-spit’ and ‘Catch-nest’ with synthetic materials. See [here](#).

**Video S3.** Example of courtship behaviour with female going all the way into the male’s nest. See [here](#).

**Video S4.** Example of courtship behaviour with female going part way into the male’s nest. See [here](#).