Multispecies macrozoobenthic Seasonal bioturbation effect on sediment erodibility

Supplementary DATA

Table 1 Bibliographical references for the classification of the effects of bioturbation on sediment erodibility for the six model species.

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| --- | --- | --- | --- | --- | --- | --- |
|  | **Chronic** | | | **Even-driven** | | |
|  | **Stabilizing** | **Neutral** | **Destabilizing** | **Stabilizing** | **Neutral** | **Destabilizing** |
| *C. edule* | (Fernandes et al., 2007; Soissons et al., 2019) | (Andersen et al., 2010; Cozzoli et al., 2020) | (Cozzoli et al., 2020, 2019; Dairain et al., 2020; Li et al., 2017; Neumeier et al., 2006; Rakotomalala et al., 2015; Soissons et al., 2019; Widdows and Navarro, 2007) |  |  | (Ciutat et al., 2007, 2006; Dairain et al., 2020) |
| *M. balthica* |  |  | (Cozzoli et al., 2019; Paarlberg et al., 2005; van Prooijen et al., 2011; Widdows et al., 2000, 1998; Willows et al., 1998) |  |  | (de Smit et al., 2021) |
| *S. plana* |  |  | (Cozzoli et al., 2019; Kristensen et al., 2013; Orvain, 2005; Orvain et al., 2007; Soares and Sobral, 2009) |  |  | (Orvain, 2005; Orvain et al., 2007) |
| *H. diversicolor* |  | (Kristensen et al., 2013) | (Orvain et al., 2018) | (Cozzoli et al., 2019; Fernandes et al., 2006; Orvain et al., 2018; Passarelli et al., 2012) |  | (Cozzoli et al., 2019; De Backer et al., 2010; de Smit et al., 2021) |
| *C. volutator* |  |  | (Cozzoli et al., 2019; de Deckere, 2003; de Deckere et al., 2000; Orvain et al., 2018) |  | (Grant and Daborn, 1994) | de Smit et al, 2021  (De Backer et al., 2010; de Deckere et al., 2000; de Smit et al., 2021; Gerdol and Hughes, 1994) |
| *P. ulvae* |  |  | (Andersen, 2001; Andersen et al., 2002; Blanchard et al., 1997; Cozzoli et al., 2019; Kristensen et al., 2013; F. Orvain et al., 2003; Orvain et al., 2004, 2005, 2007, 2014; Orvain and Sauriau, 2002) |  | (Francis Orvain et al., 2003) | (Orvain et al., 2014) |

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