

有明海・八代海等の環境等変化（プランクトン）《参考データ》

1 プランクトン沈殿量及びクロロフィル a

浅海定線調査のプランクトン沈殿量及びクロロフィル a の結果を整理した。

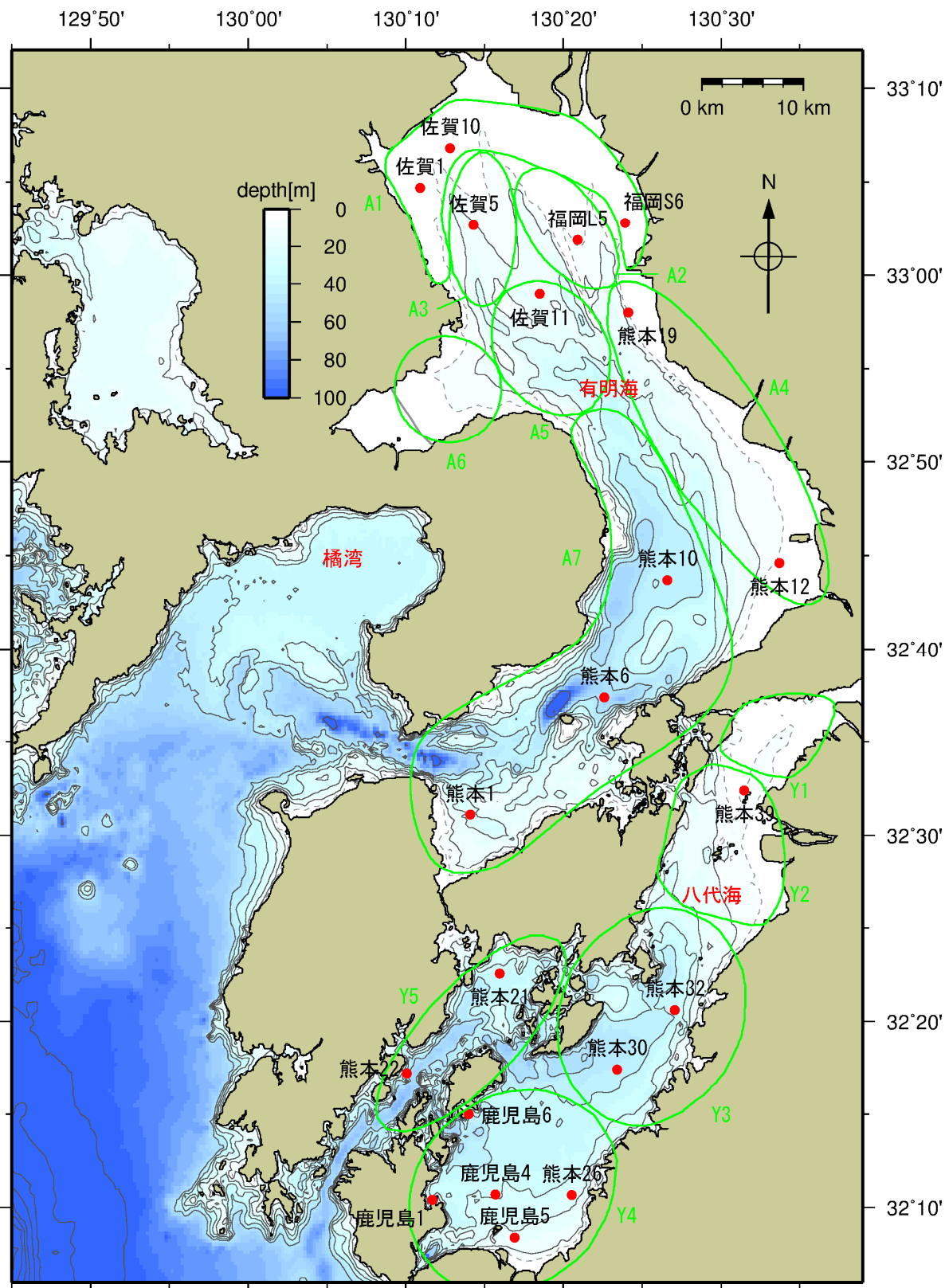


図1 浅海定線調査結果の整理を行った地点

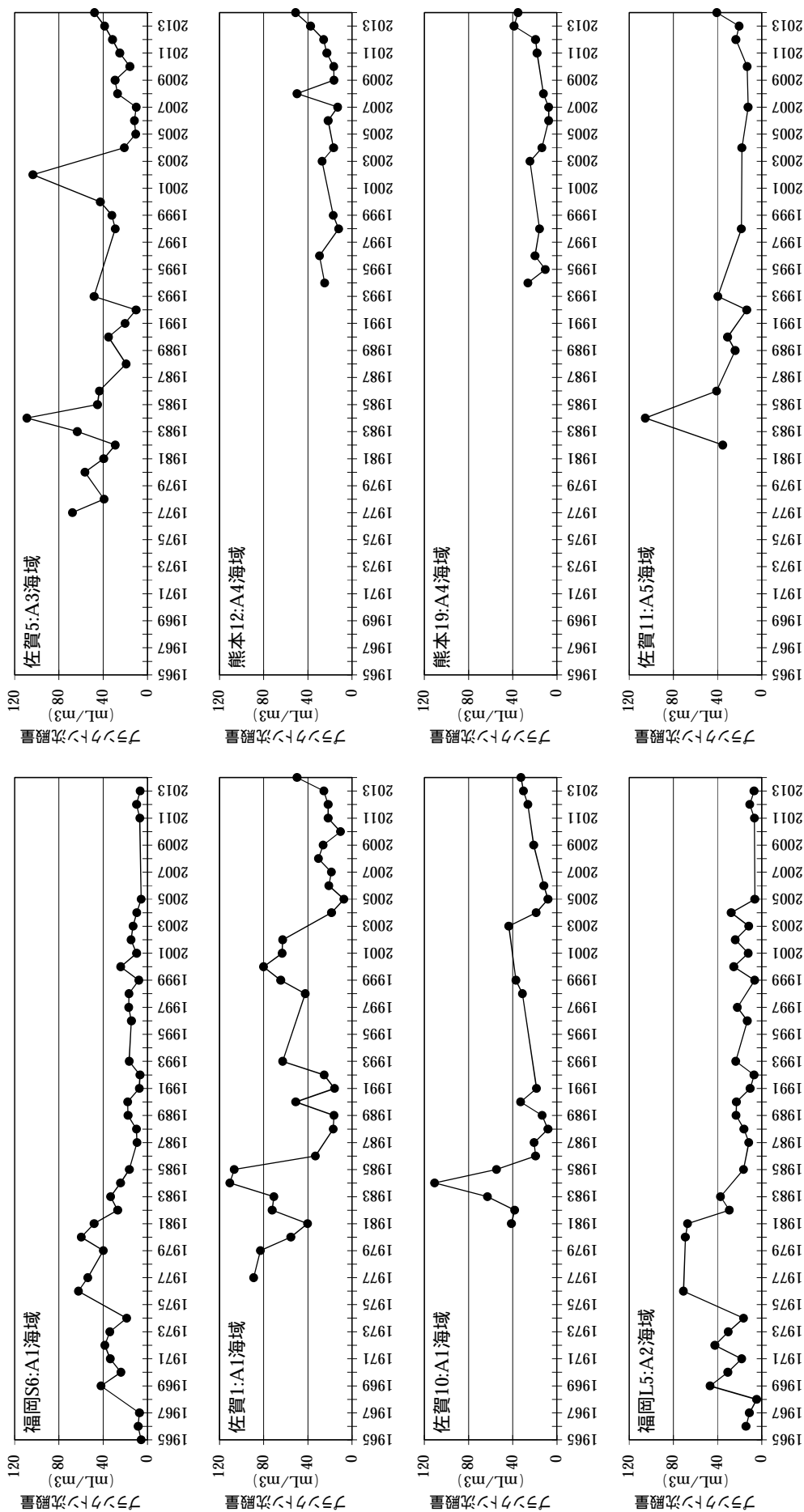


図2(1) 水質の経年変化[有明海]: プランクトン沈殿量(表層年平均値)

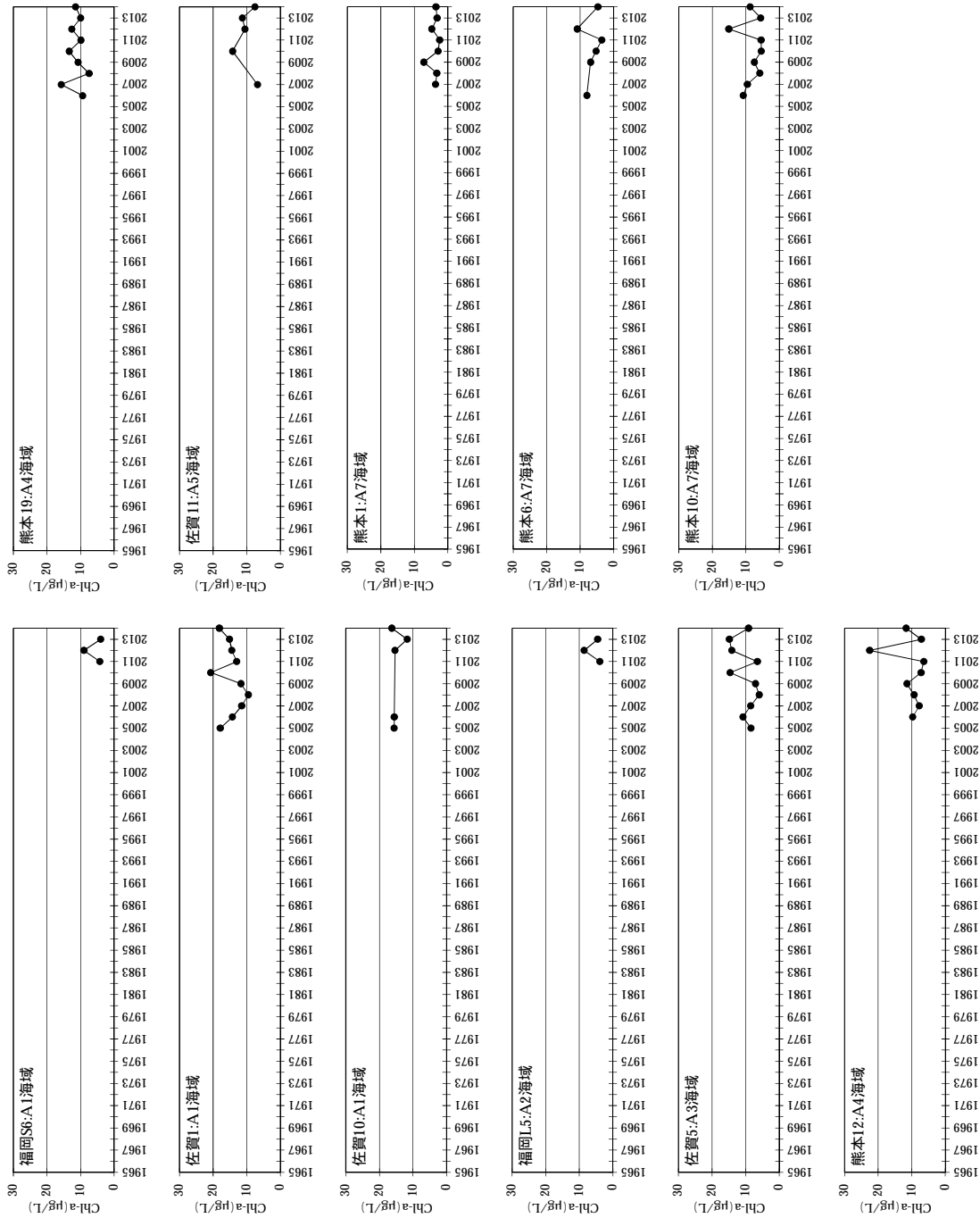


図2(2) 水質の経年変化[有明海]：クロロフィルa (表層年平均値)

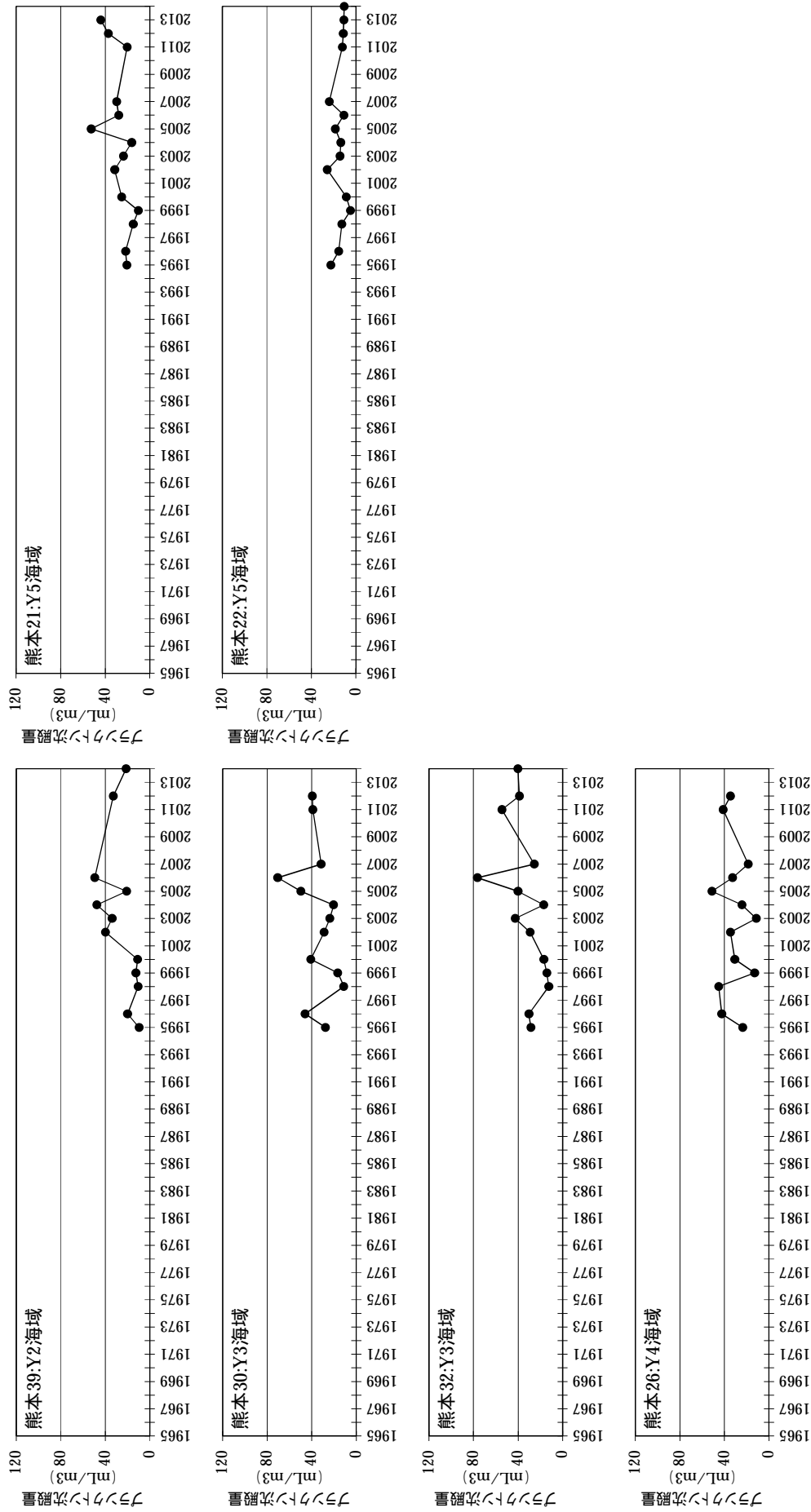


図3(1) 水質の経年変化[八代海]: プラントン沈殿量 (表層年平均値)

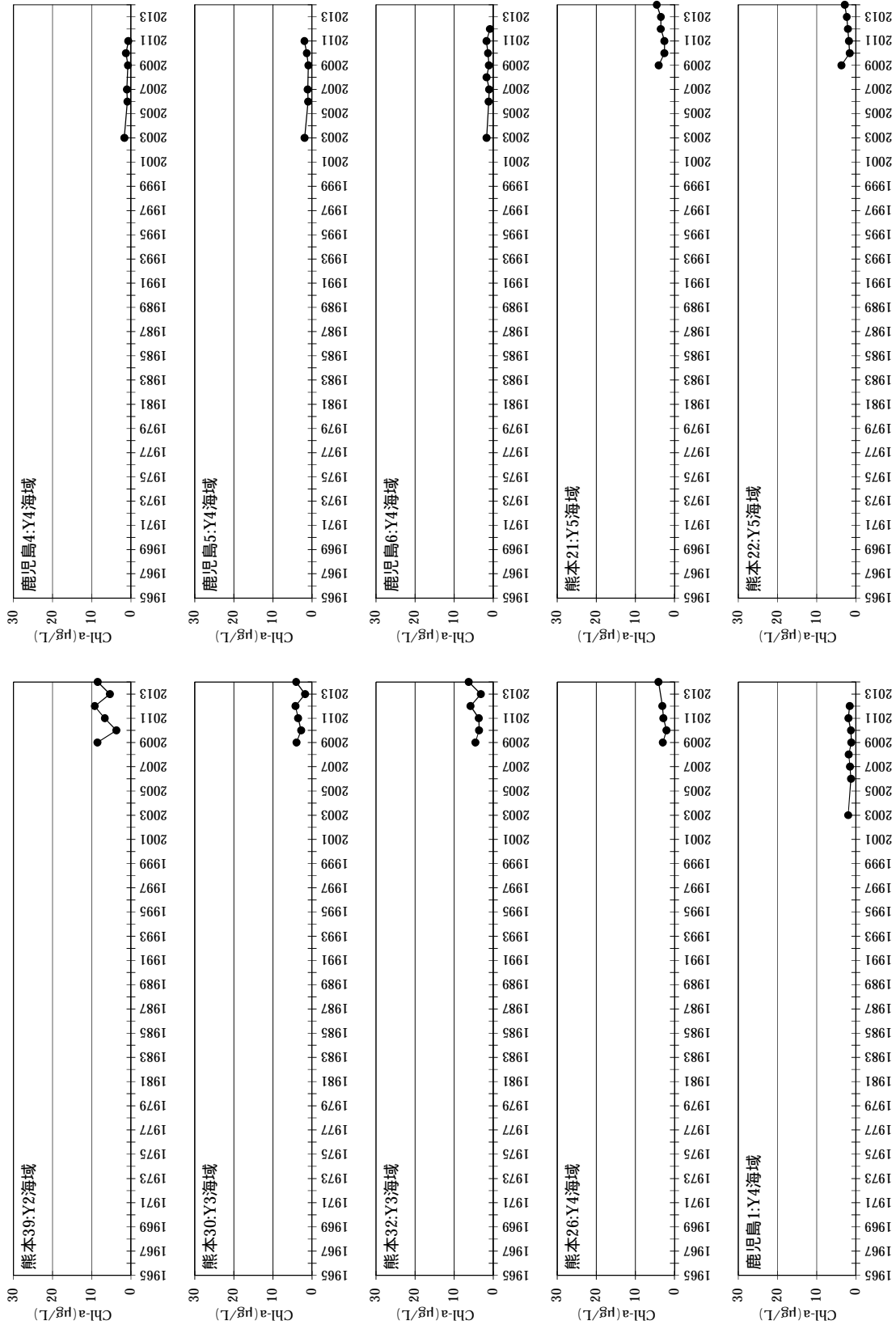


図3(2) 水質の経年変化[八代海]: クロロフィルa (表層年平均値)

## 2 プランクトン調査

2001年2月から実施したプランクトン調査の結果を整理した。

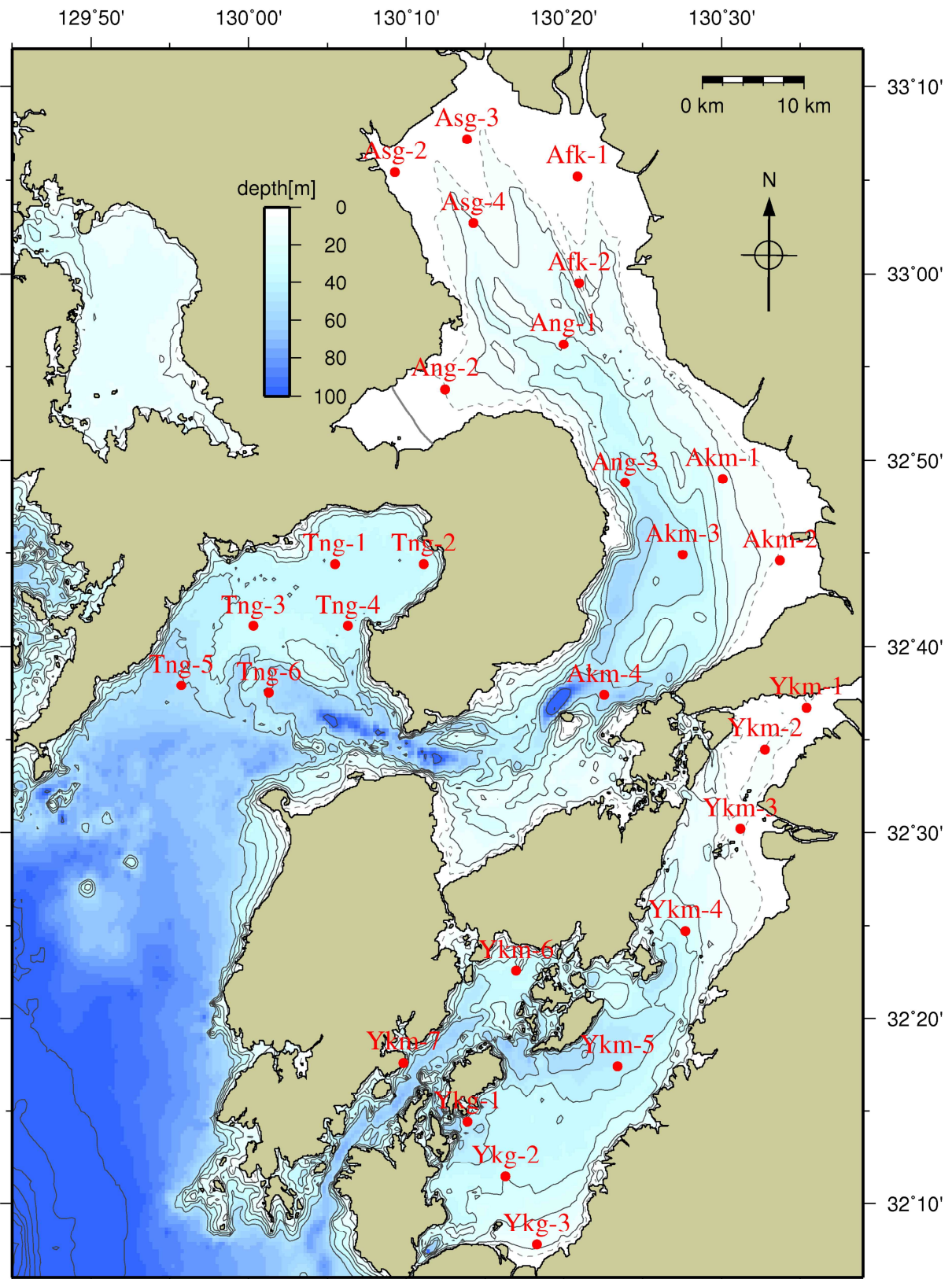
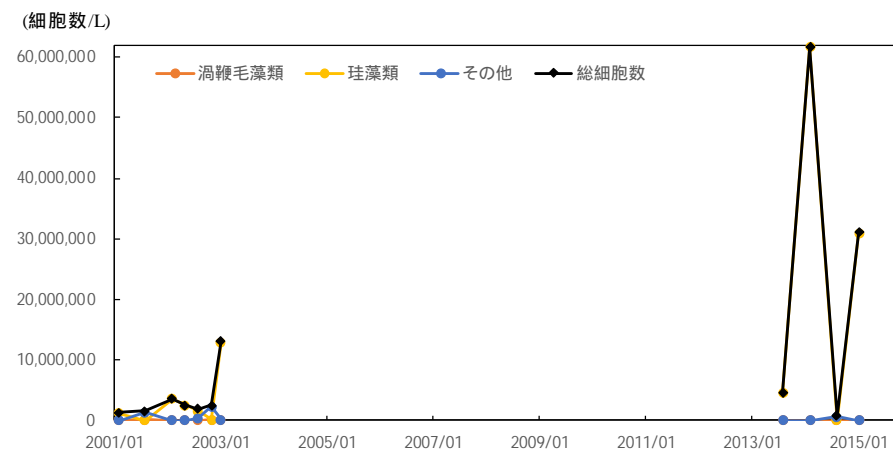
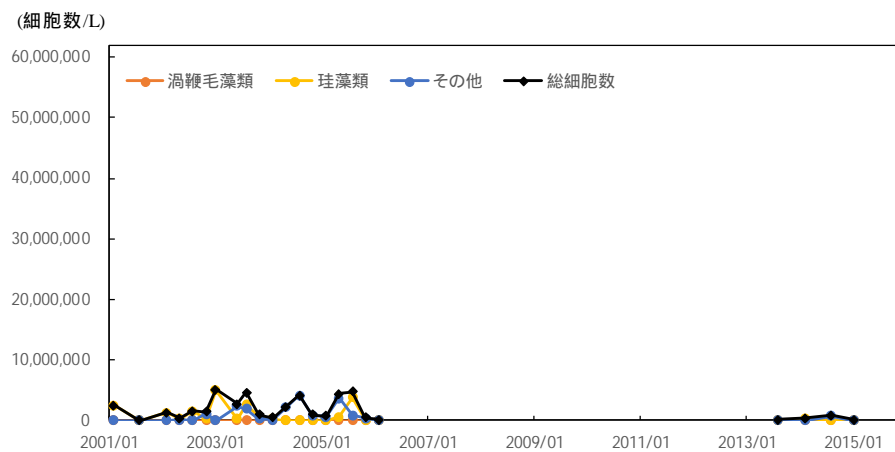
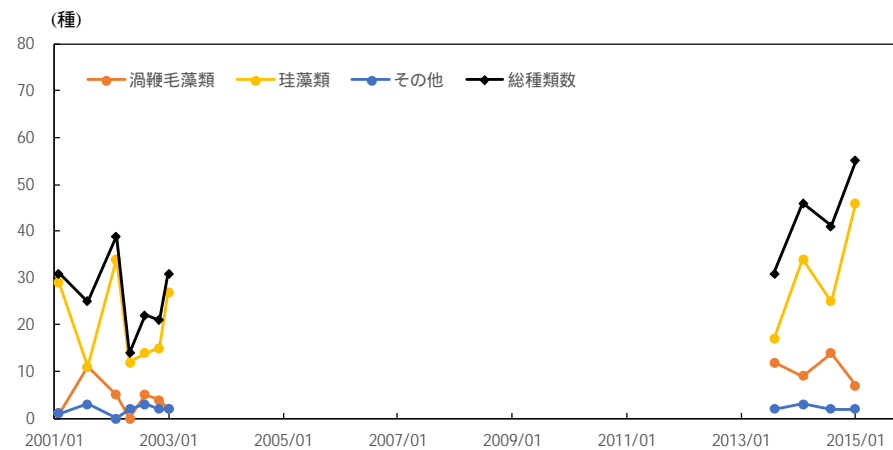
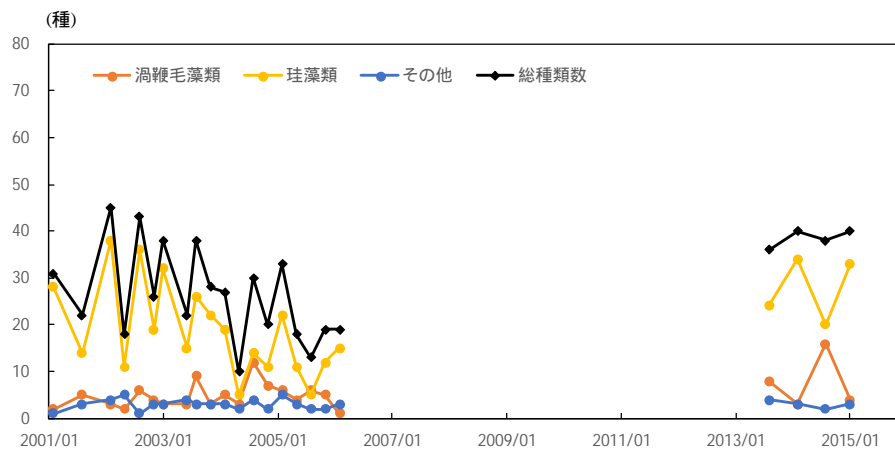


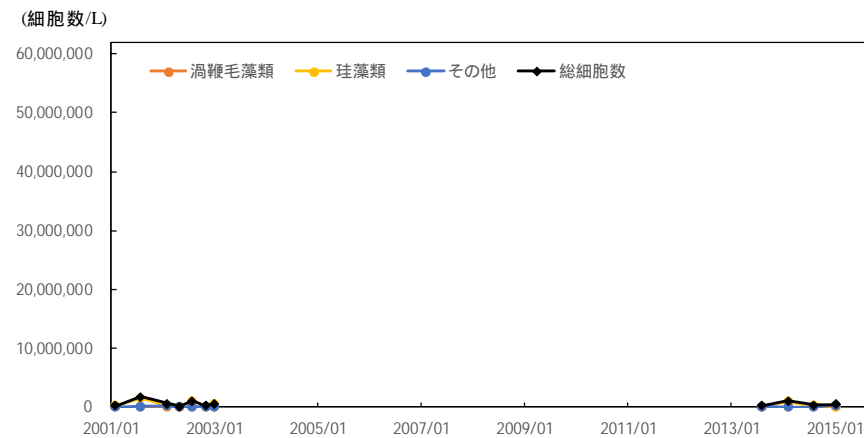
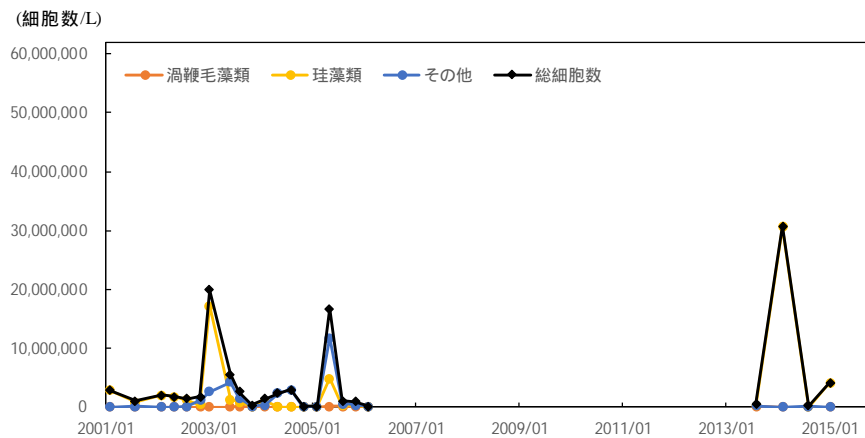
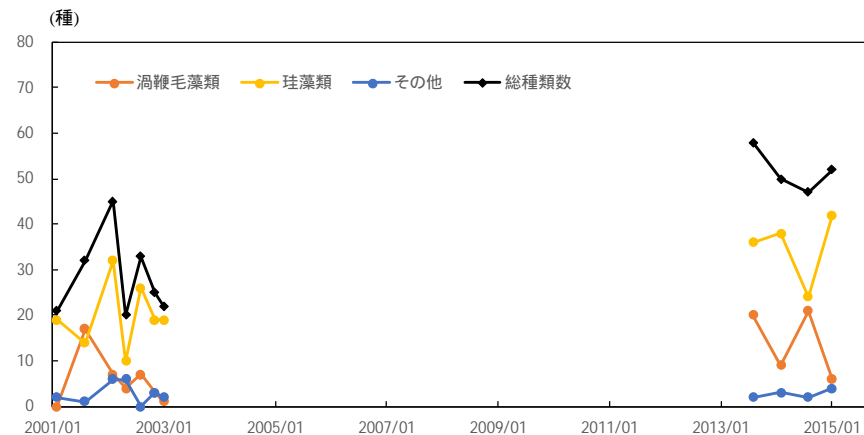
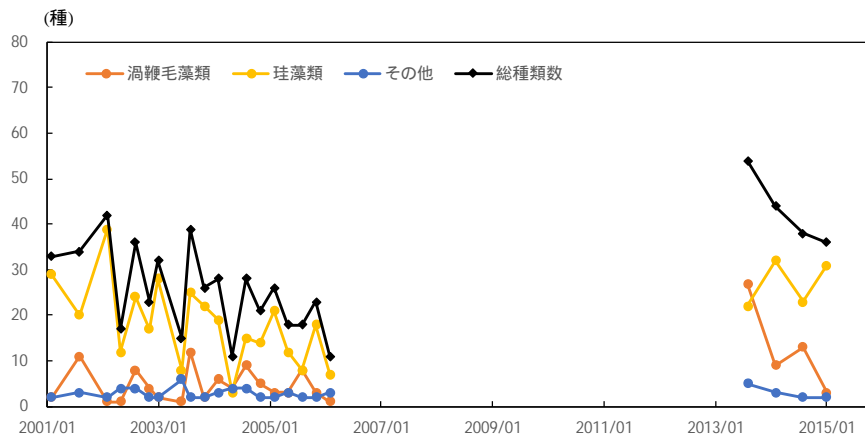
図4 プランクトン調査地点



(1)Afk-1

(2)Asg-2

図5 (1) 植物プランクトンの推移[有明海] (上段：種類数 下段：細胞数)

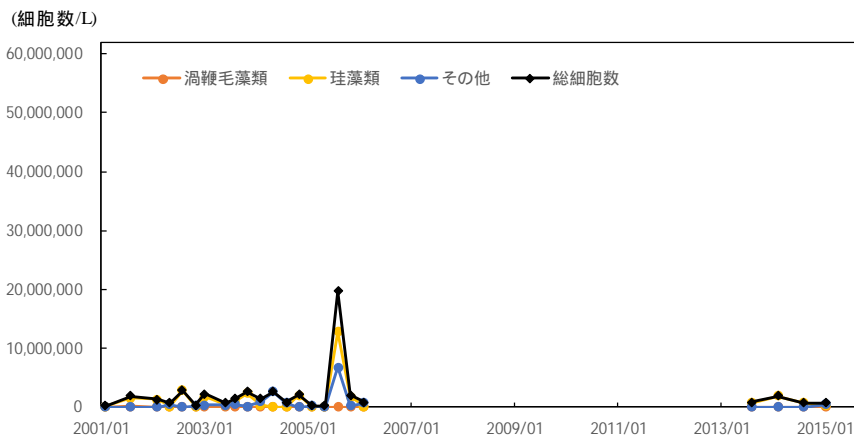
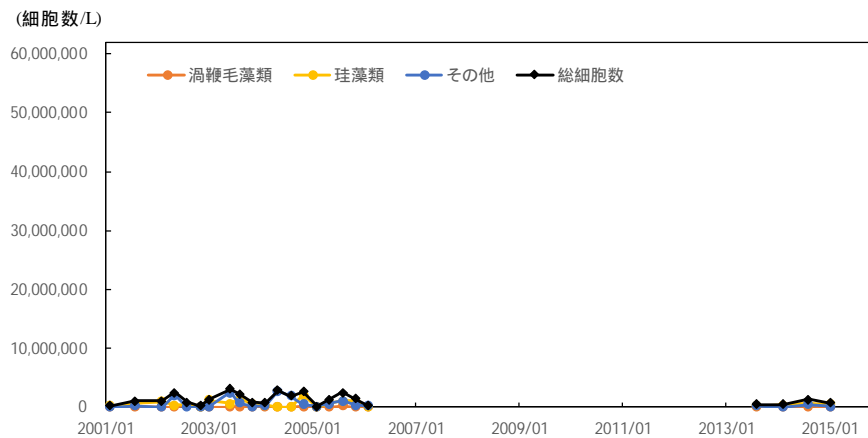
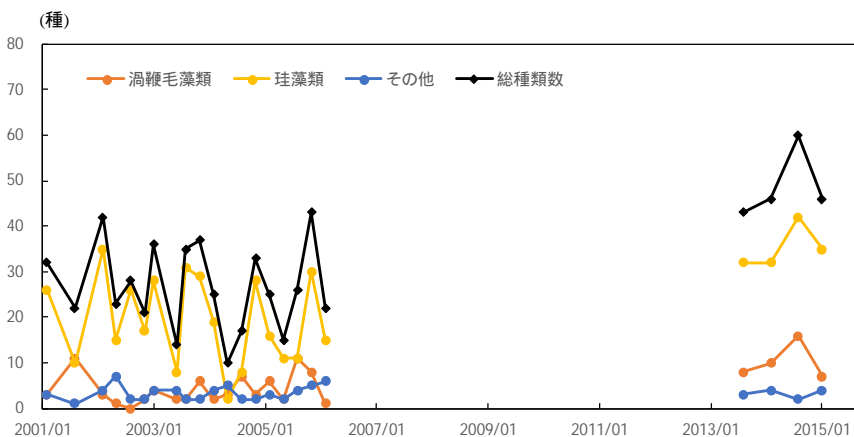
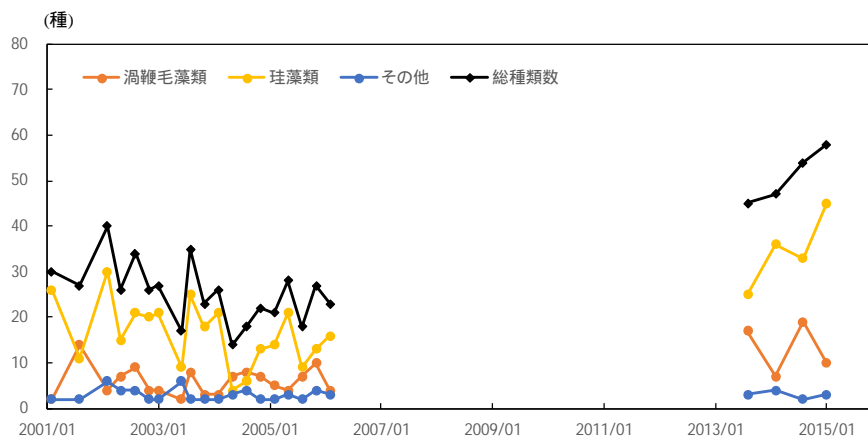


(1)Asg-3

(2)Afk-2

図5 (2) 植物プランクトンの推移[有明海] (上段：種類数 下段：細胞数)

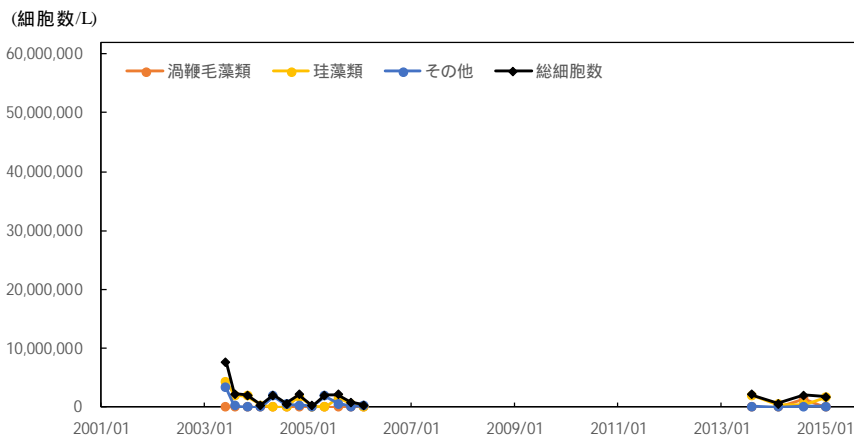
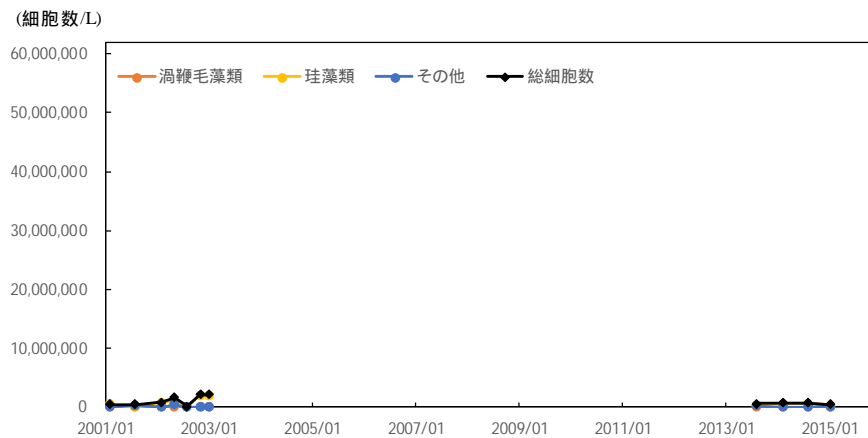
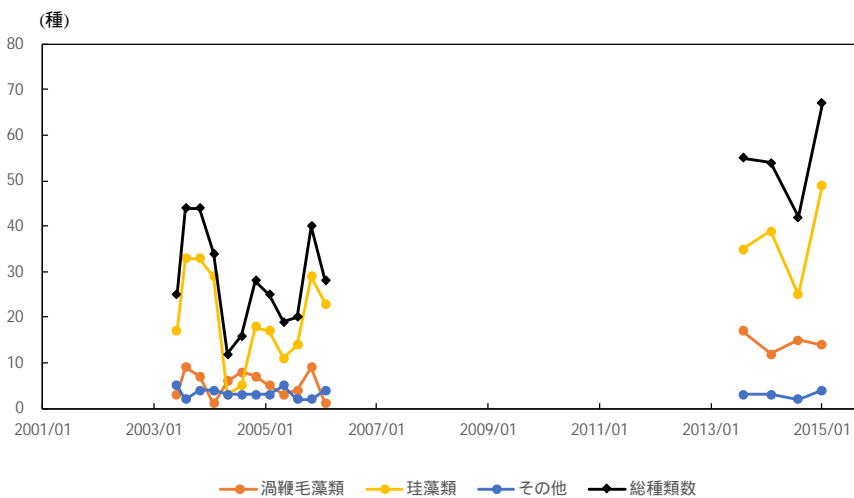
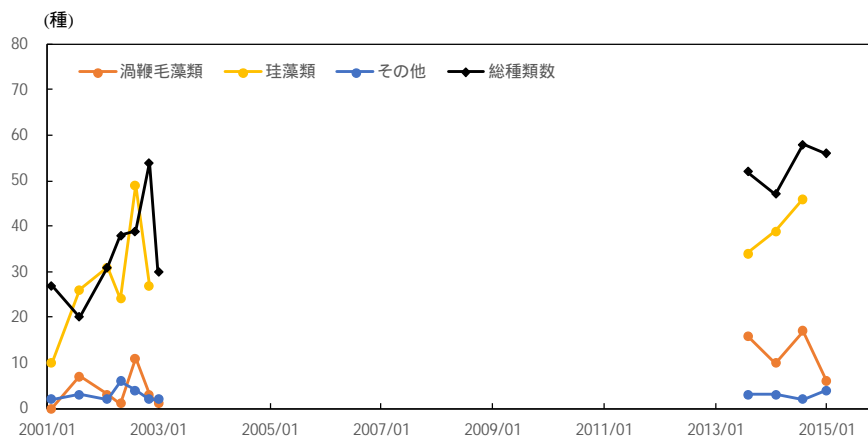




(1)Asg-4

(2)Akm-2

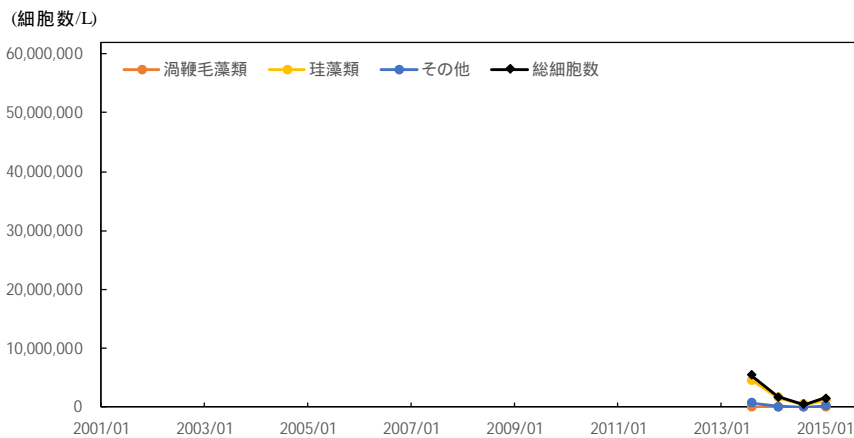
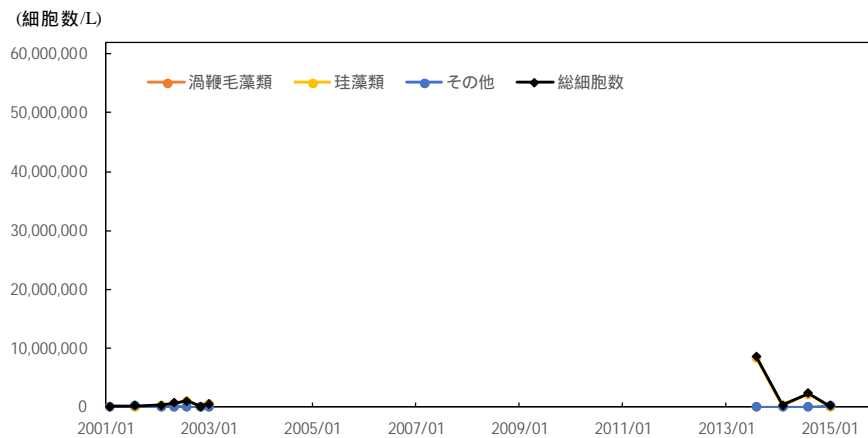
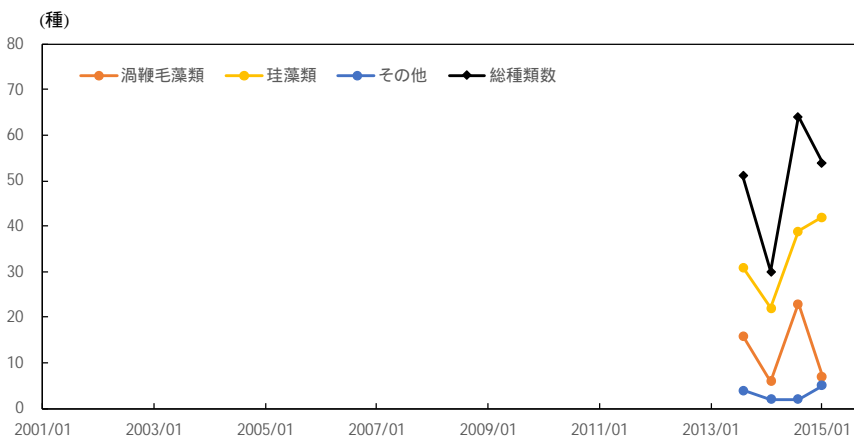
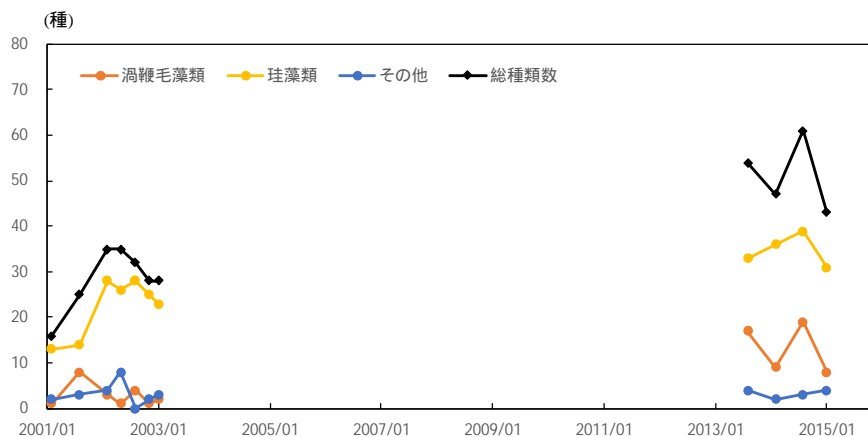
図5 (3) 植物プランクトンの推移[有明海] (上段：種類数 下段：細胞数)



(1)Ang-1

(2)Ang-2

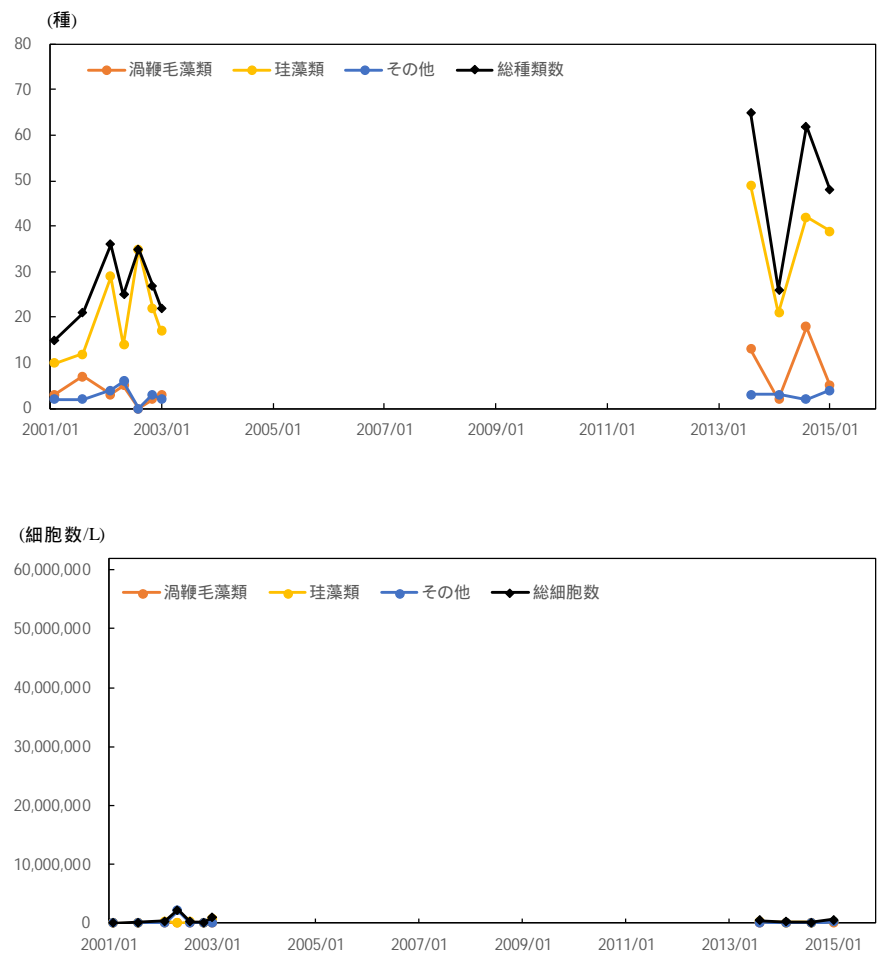
図5 (4) 植物プランクトンの推移[有明海] (上段：種類数 下段：細胞数)



(1)Ang-3

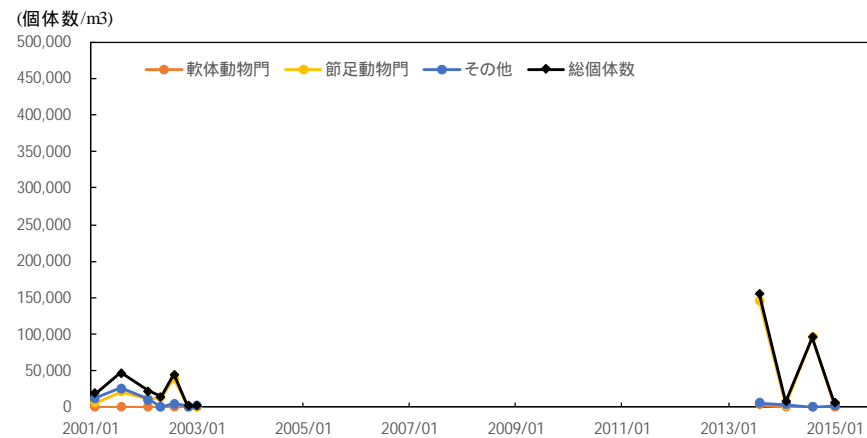
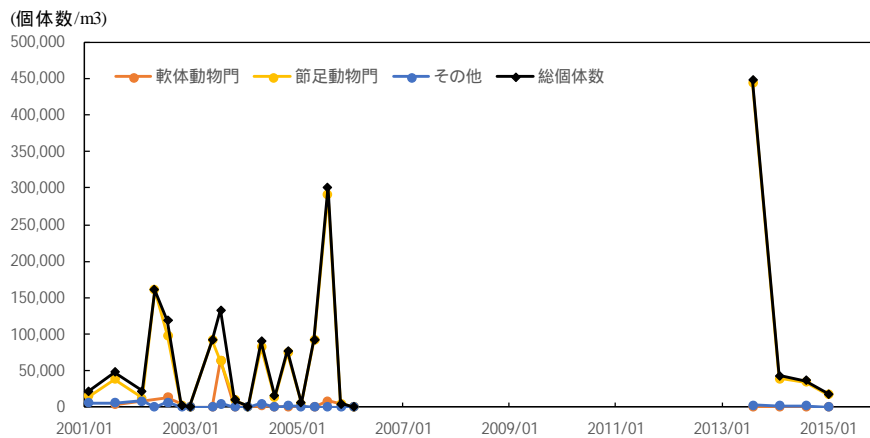
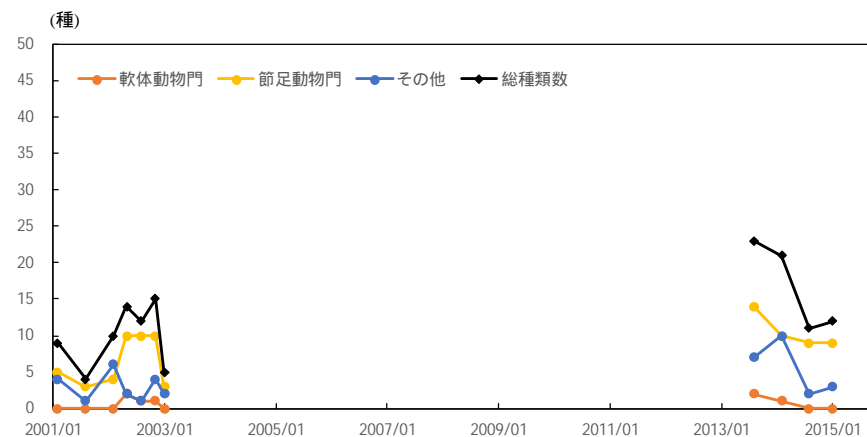
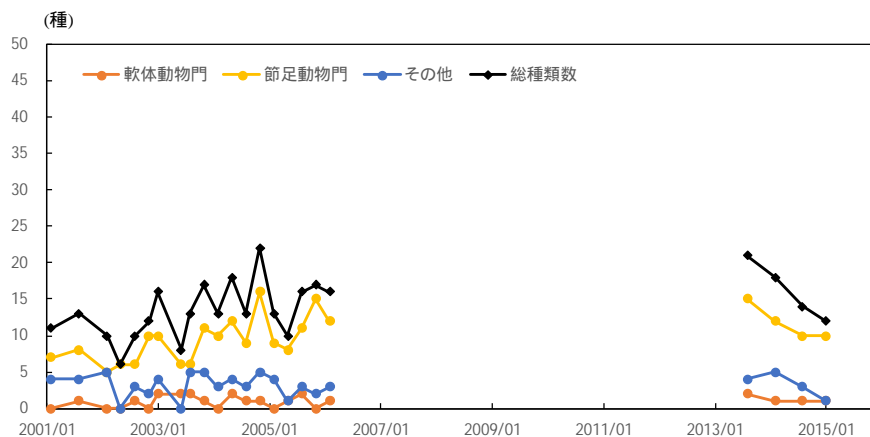
(2)Akm-3

図5 (5) 植物プランクトンの推移[有明海] (上段：種類数 下段：細胞数)



(1)Akm-4

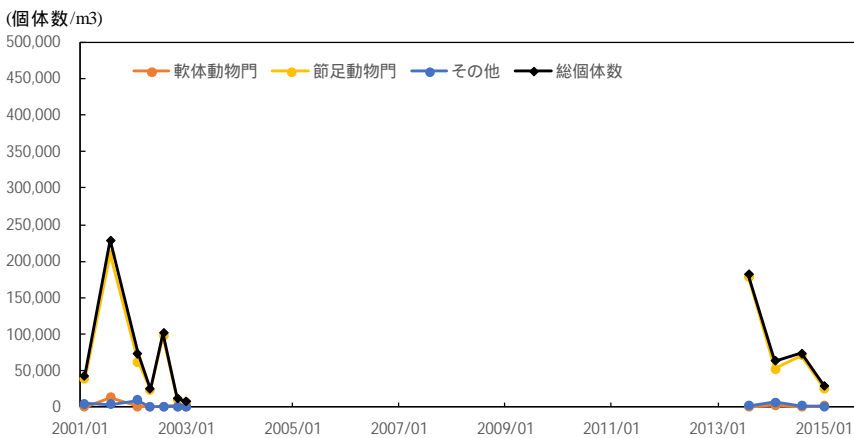
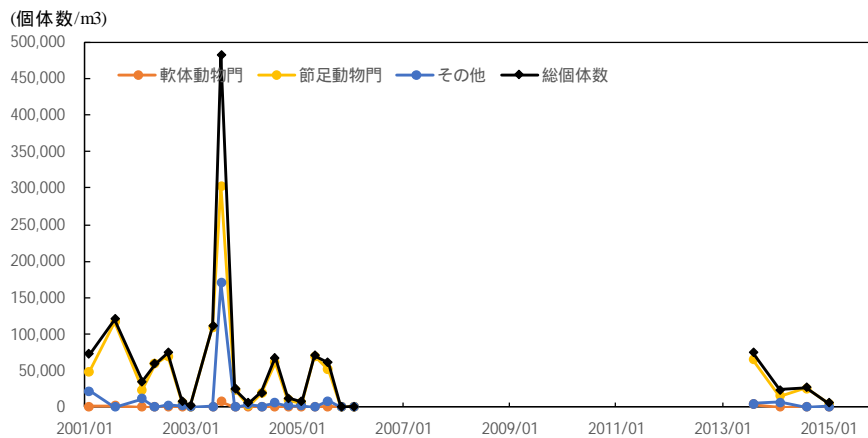
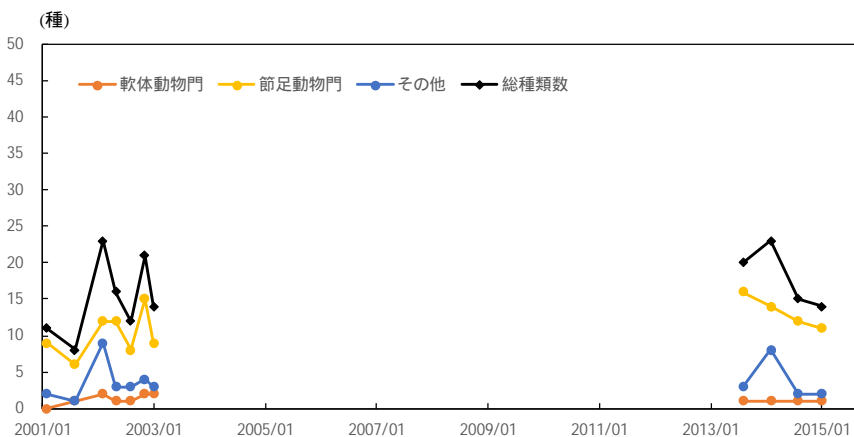
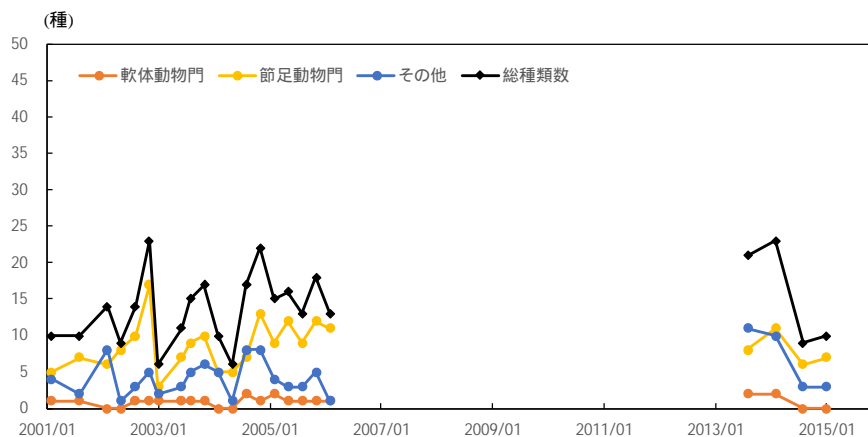
図5 (6) 植物プランクトンの推移[有明海] (上段：種類数 下段：細胞数)



(1)Afk-1

(2)Asg-2

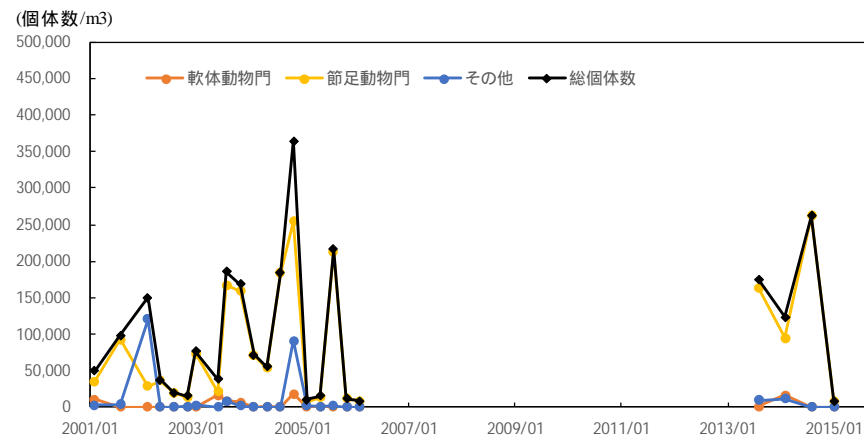
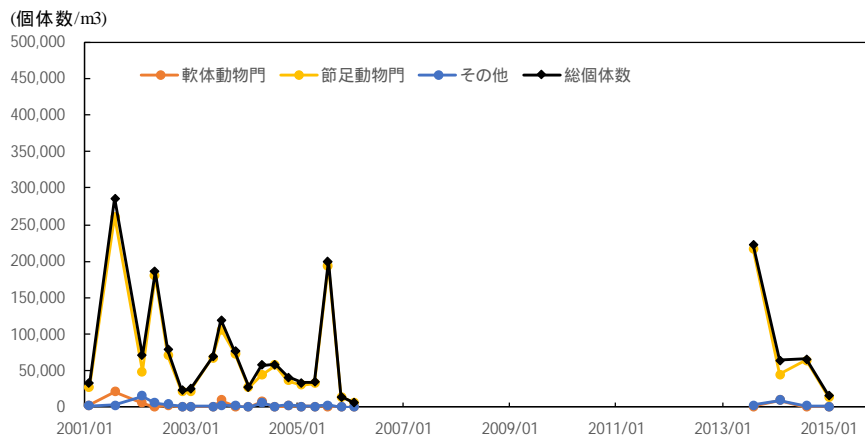
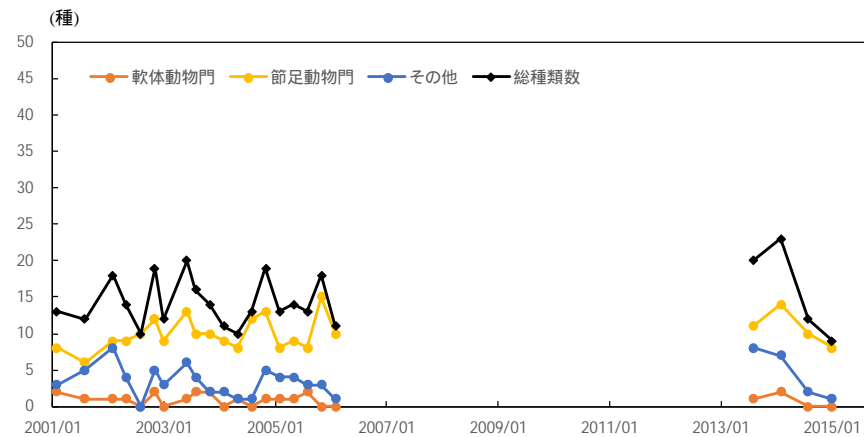
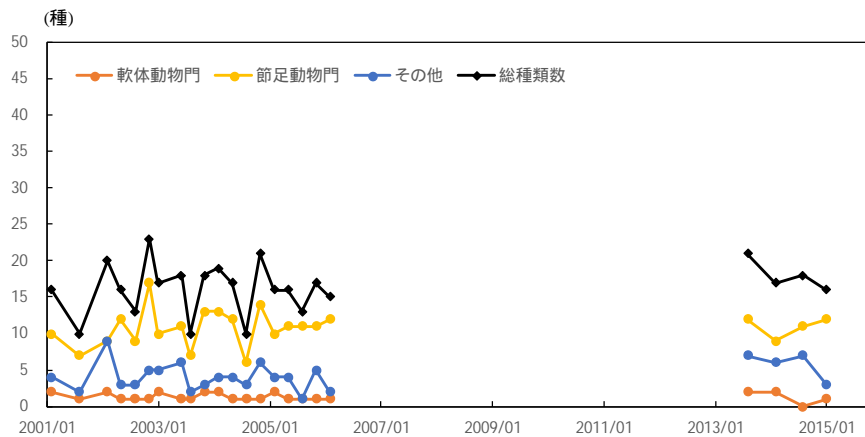
図6 (1) 動物プランクトンの推移[有明海] (上段：種類数 下段：個体数)



(1)Asg-3

(2)Afk-2

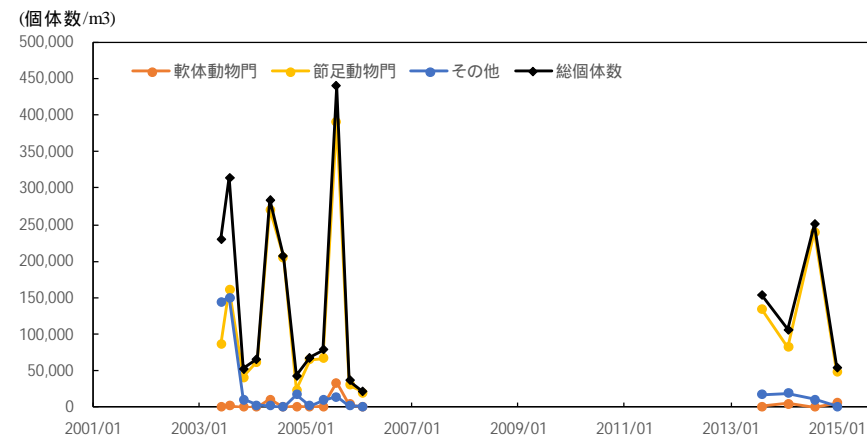
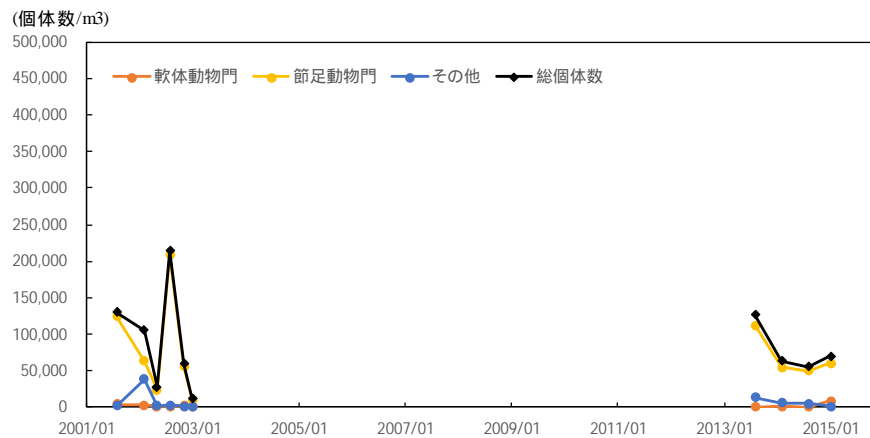
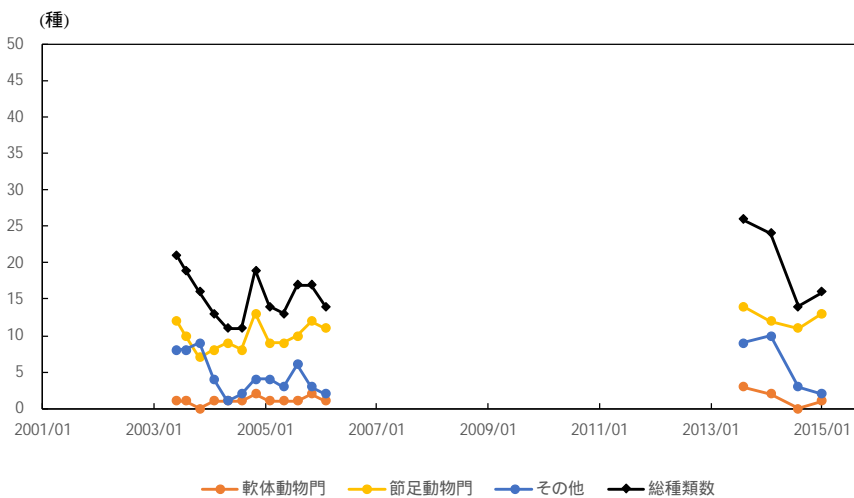
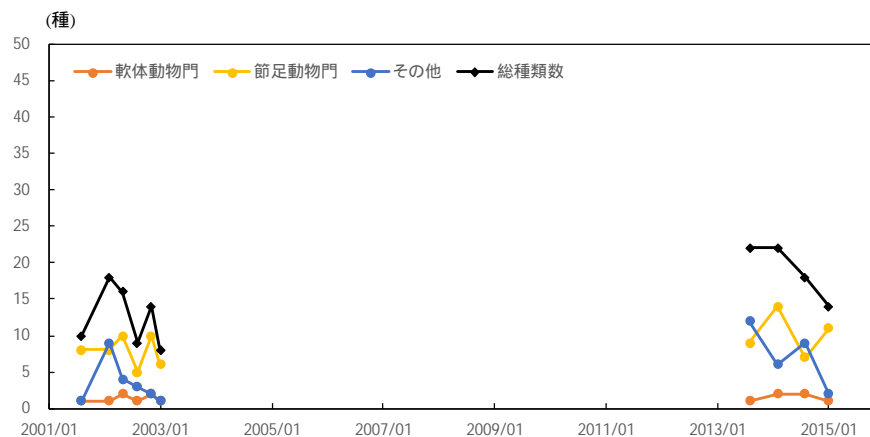
図6 (2) 動物プランクトンの推移[有明海] (上段：種類数 下段：細胞数)



(1)Asg-4

(2)Akm-2

図6 (3) 動物プランクトンの推移[有明海] (上段：種類数 下段：細胞数)

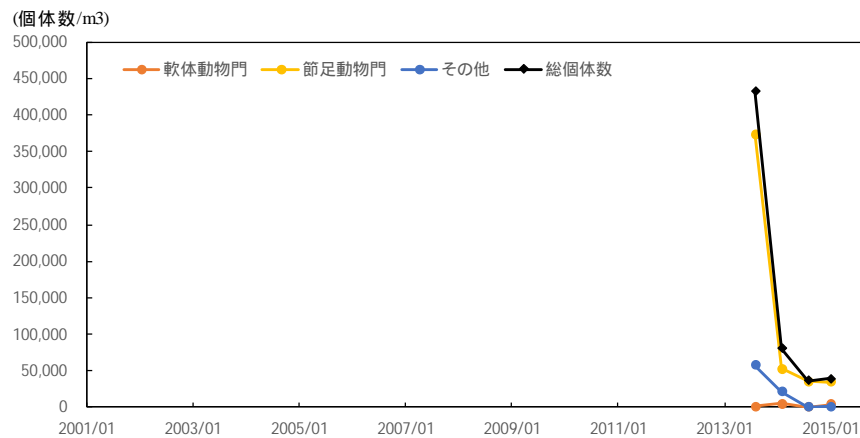
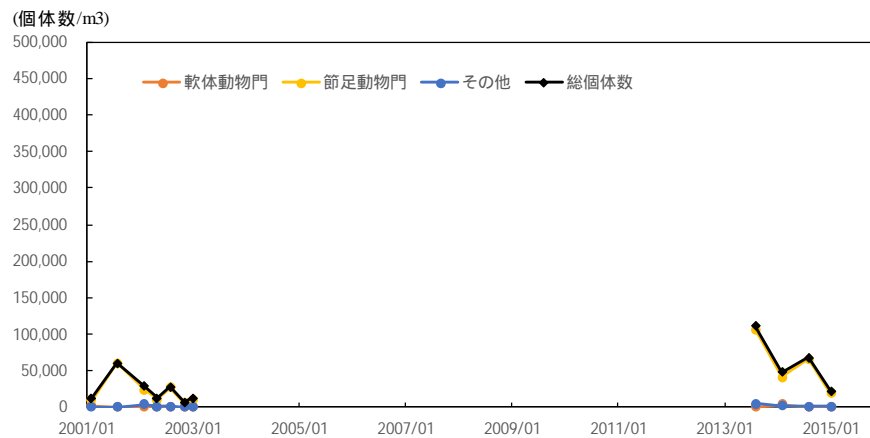
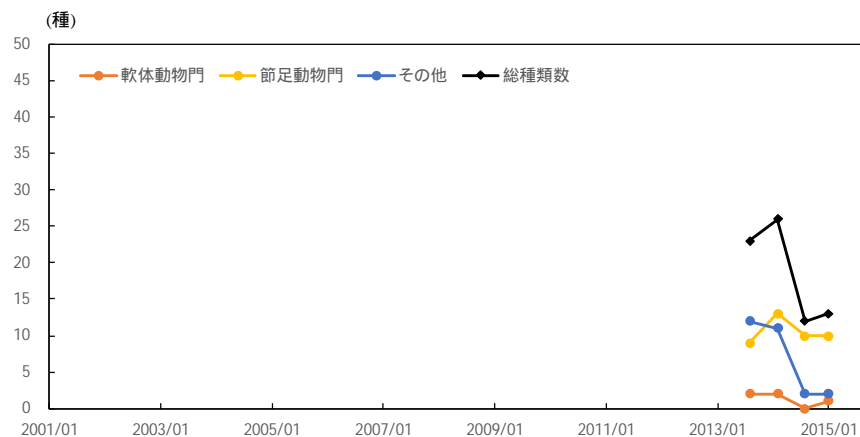
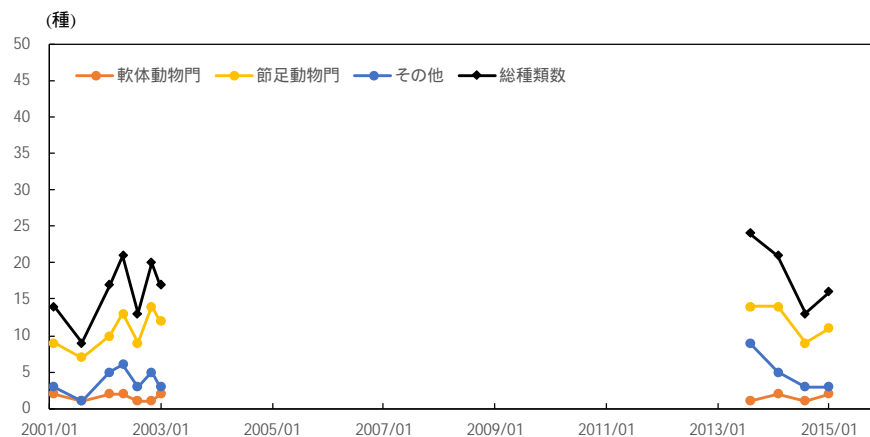


(1)Ang-1

(2)Ang-2

図6 (4) 動物プランクトンの推移[有明海] (上段：種類数 下段：細胞数)

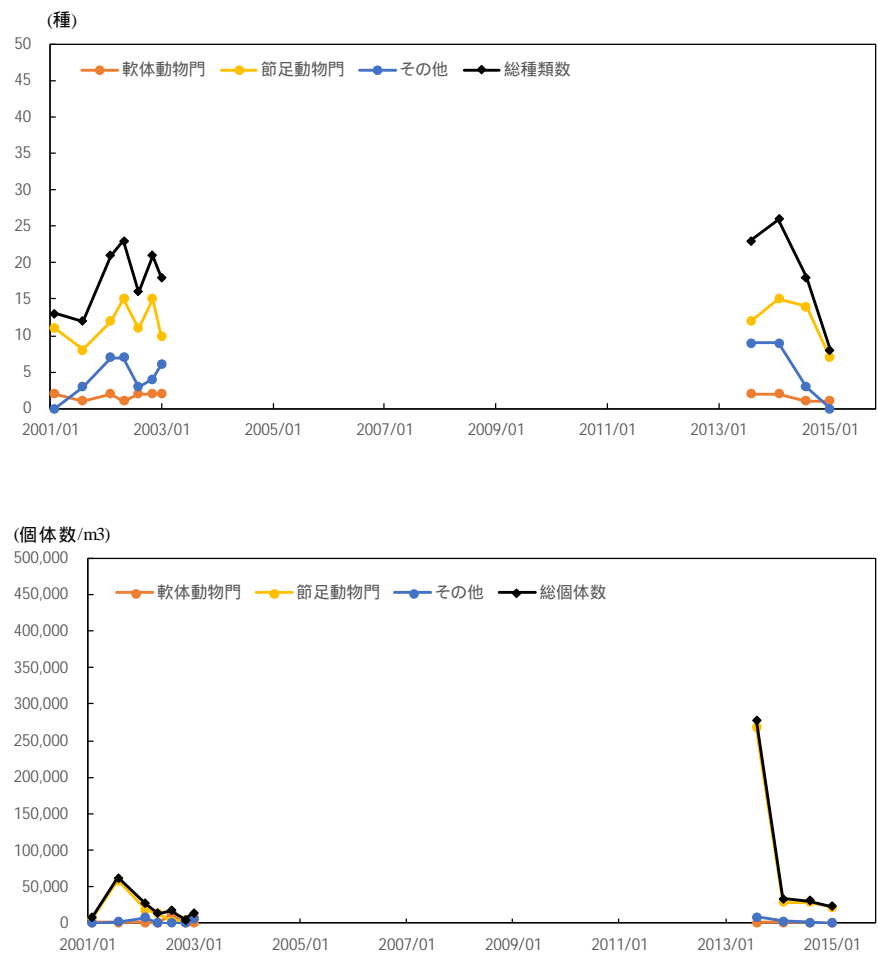




(1)Ang-3

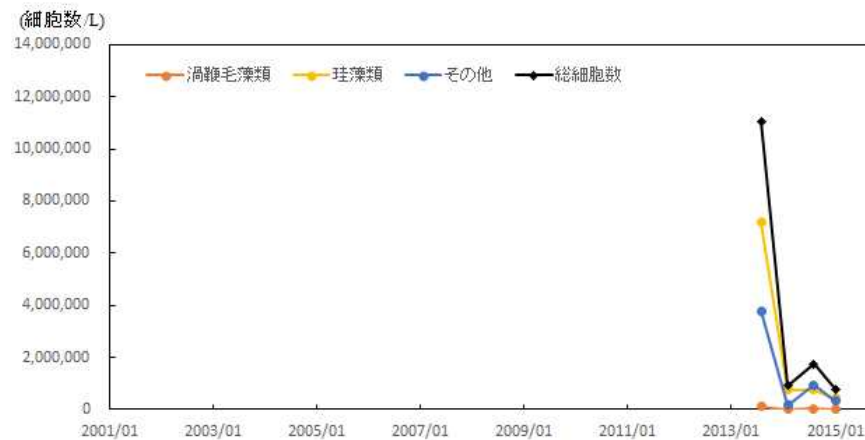
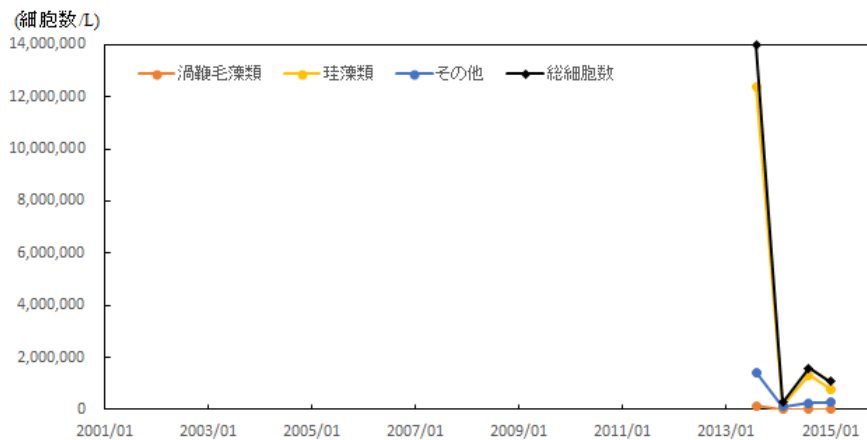
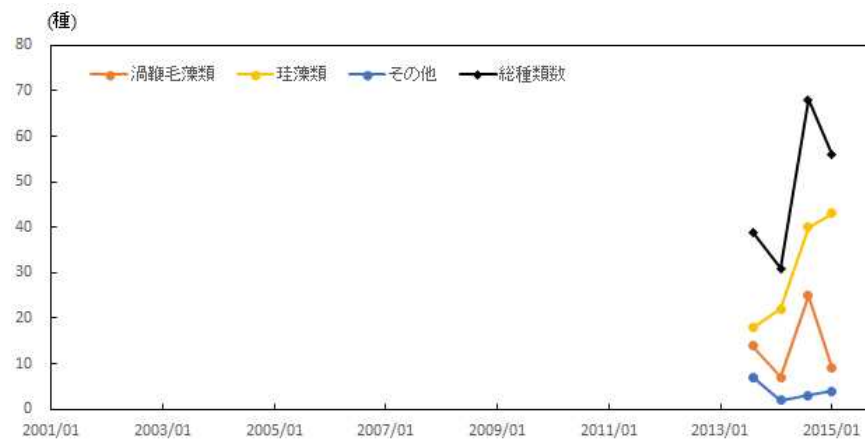
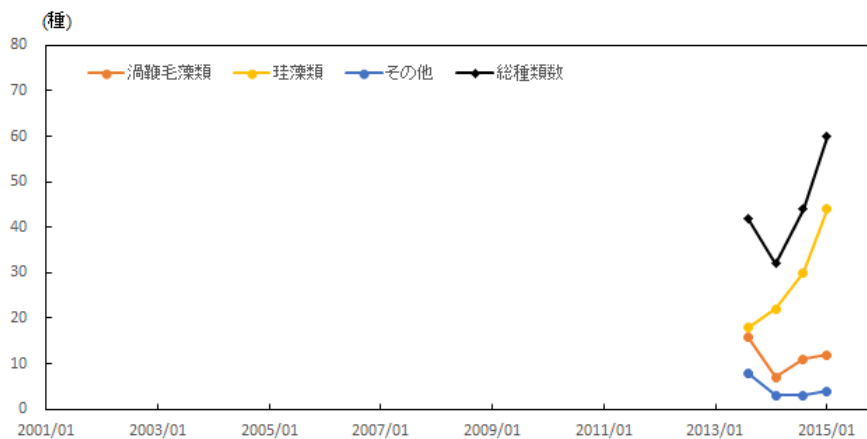
(2)Akm-3

図6 (5) 動物プランクトンの推移[有明海] (上段：種類数 下段：細胞数)



(1)Akm-4

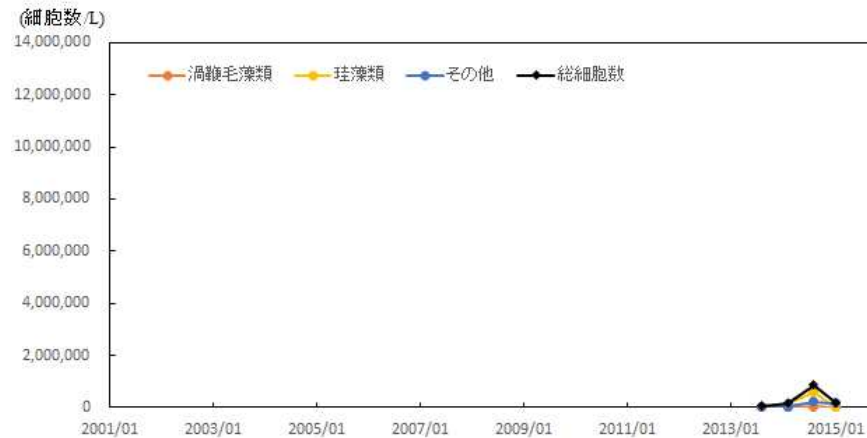
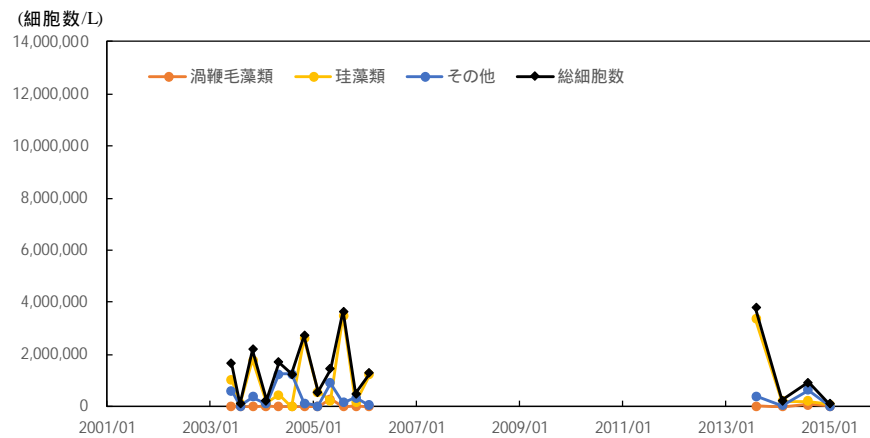
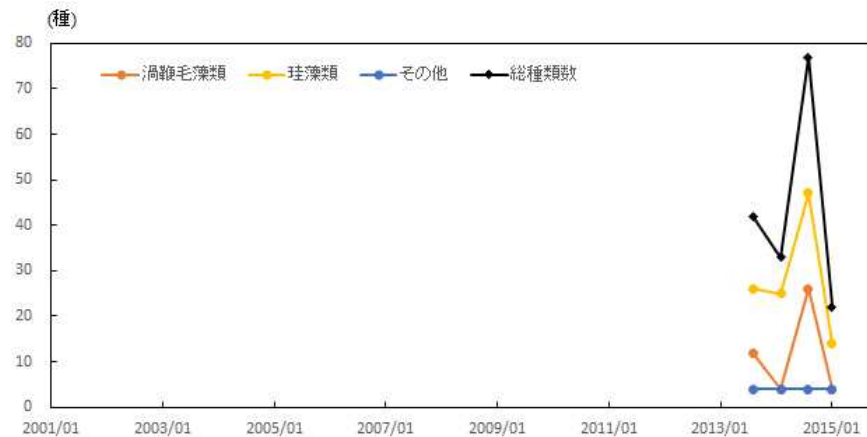
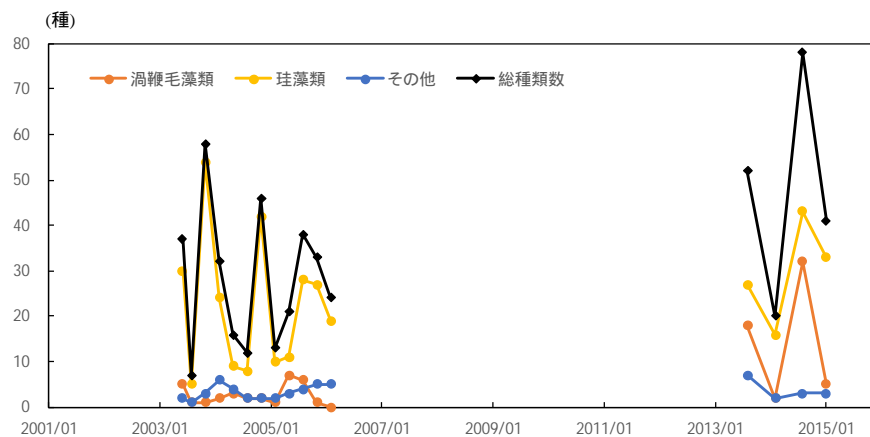
図6 (6) 植物プランクトンの推移[有明海] (上段:種類数 下段:細胞数)



(1)Ykm-1

(2)Ykm-2

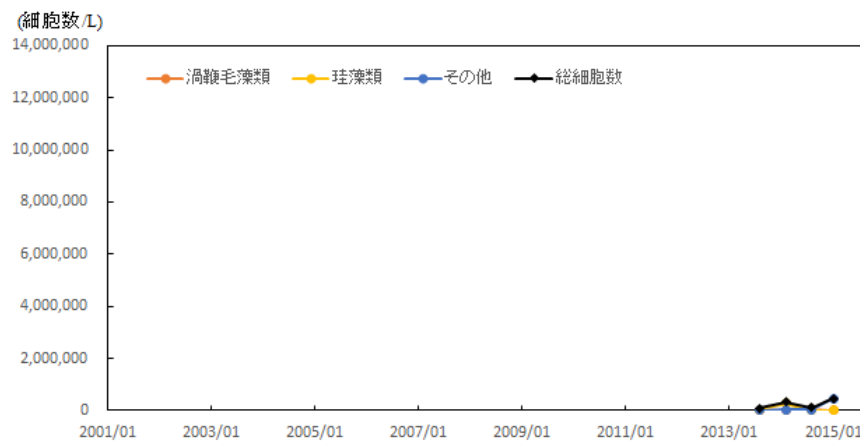
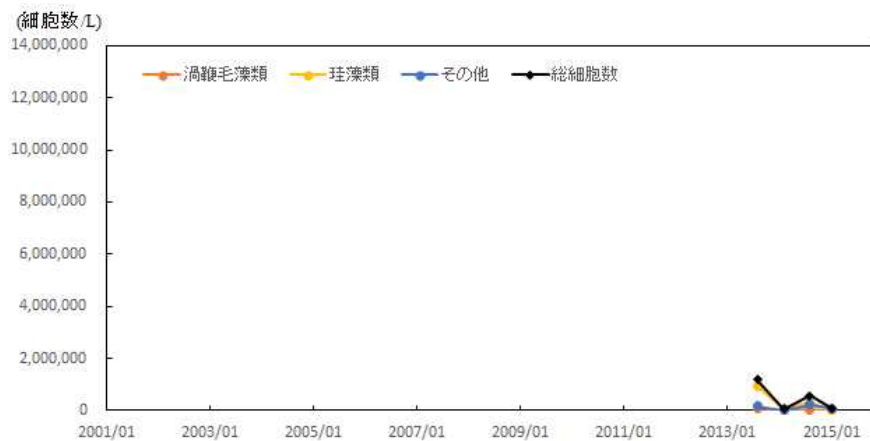
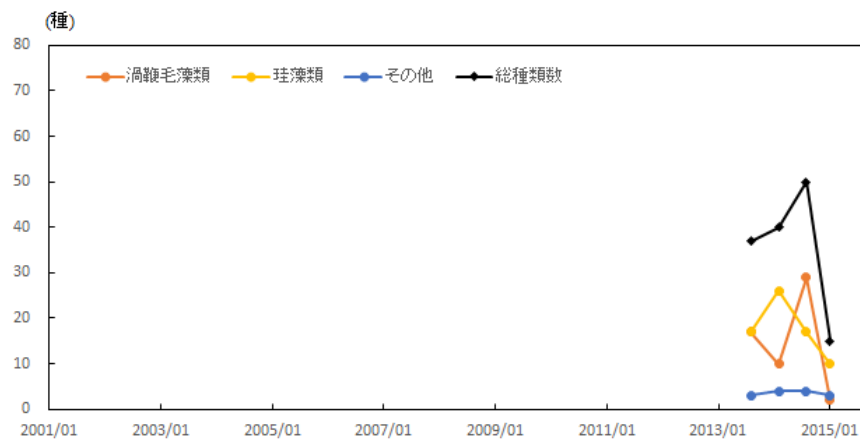
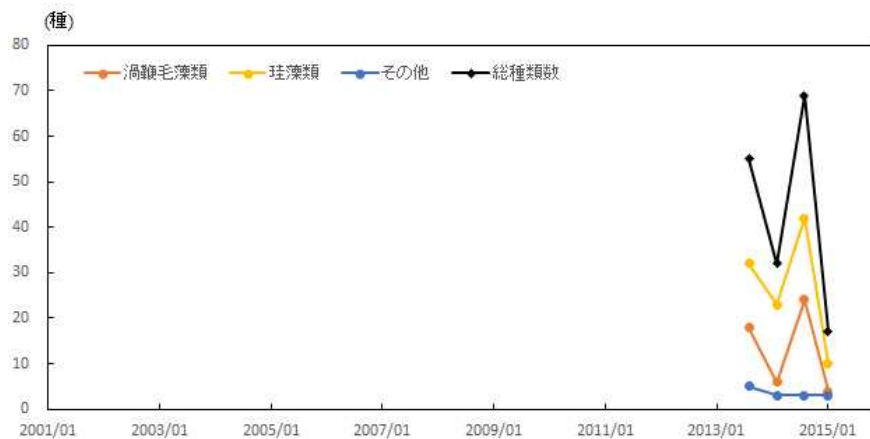
図7 (1) 植物プランクトンの推移[八代海] (上段：種類数 下段：細胞数)



(1)Ykm-3

(2)Ykm-4

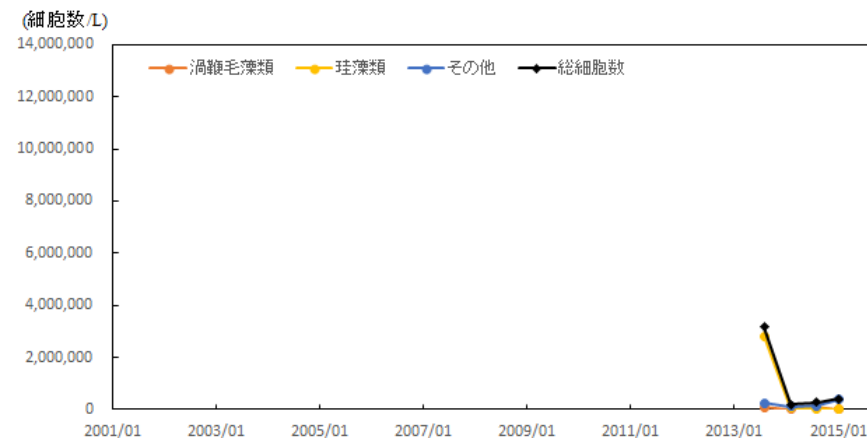
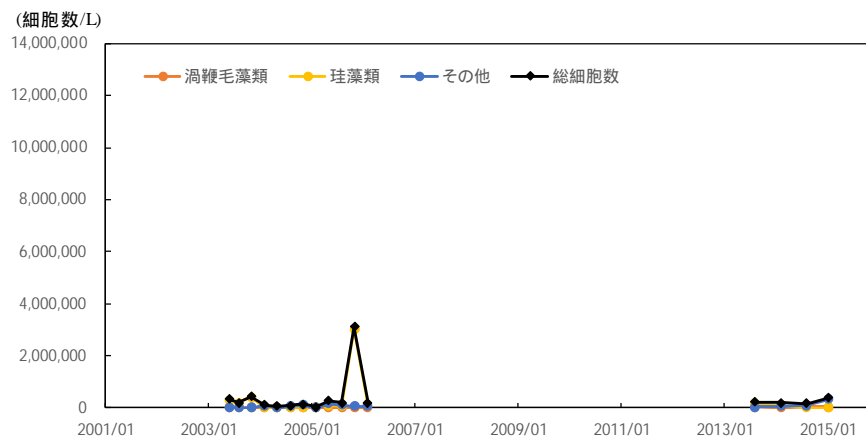
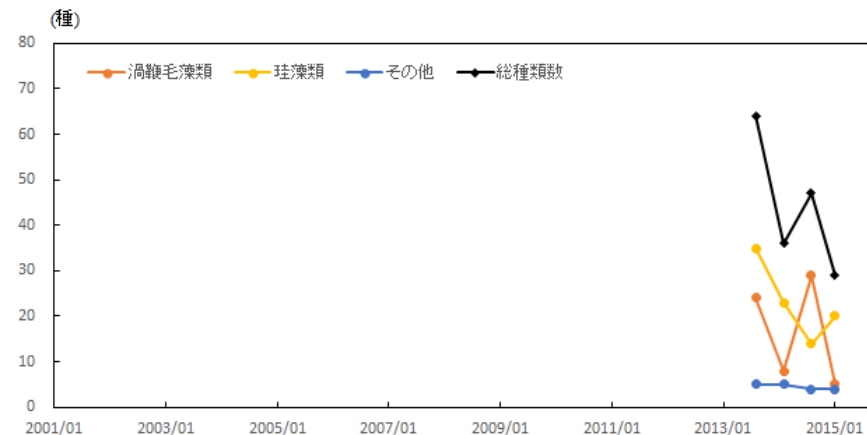
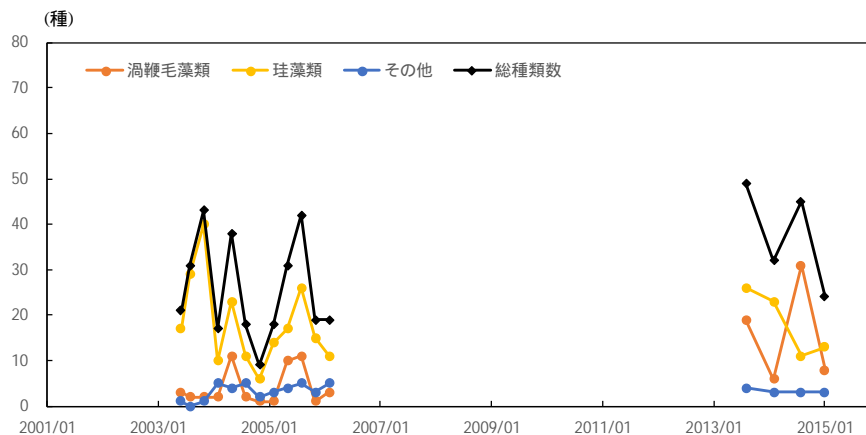
図7 (2) 植物プランクトンの推移[八代海] (上段：種類数 下段：細胞数)



(1)Ykm-5

(2)Ykg-1

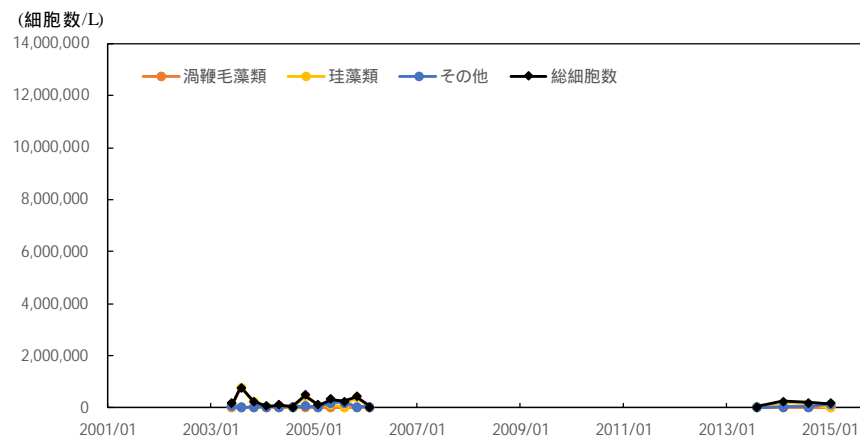
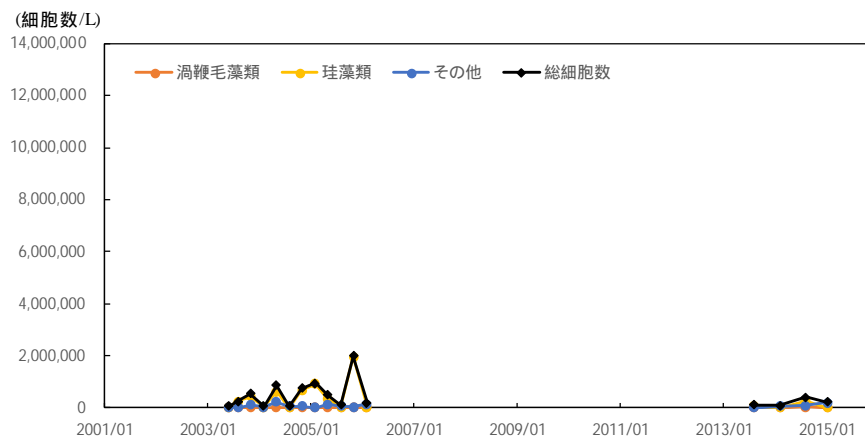
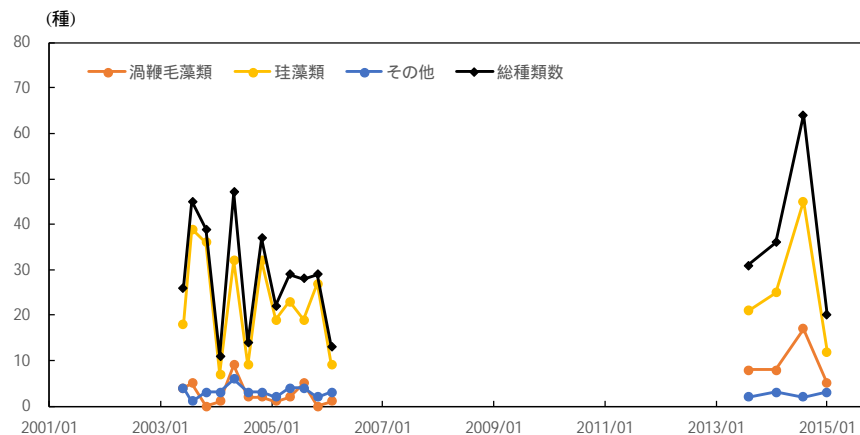
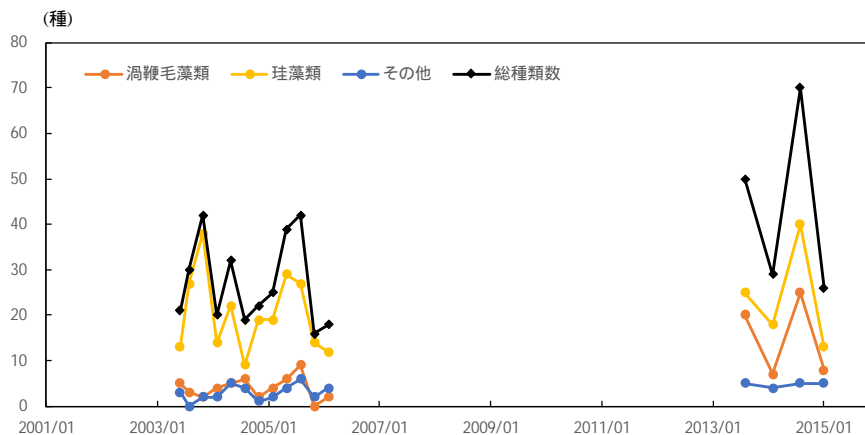
図7 (3) 植物プランクトンの推移[八代海] (上段：種類数 下段：細胞数)



(1)Ykg-2

(2)Ykg-3

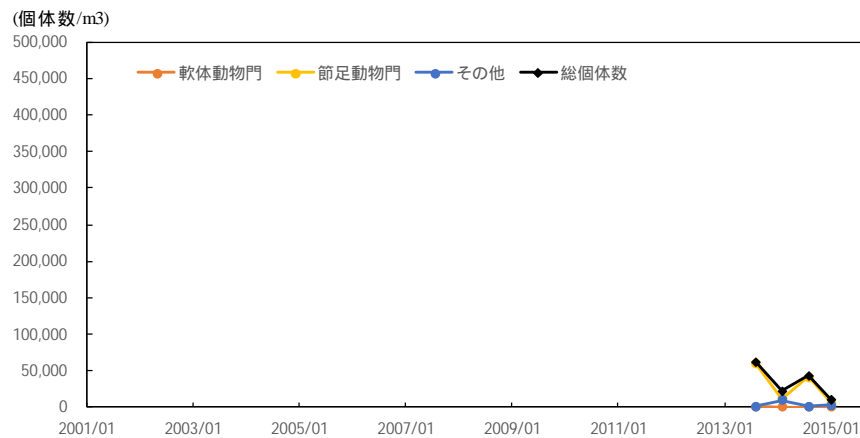
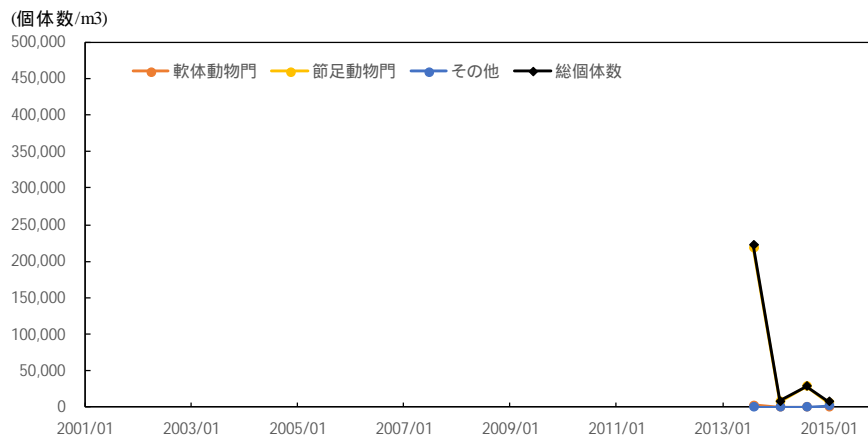
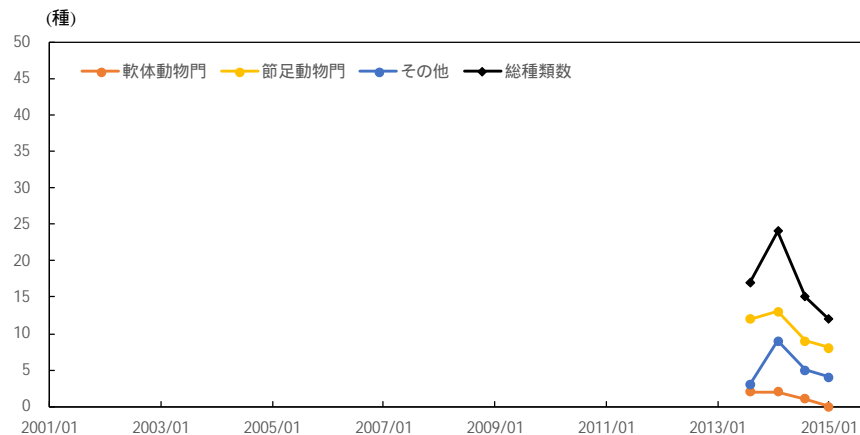
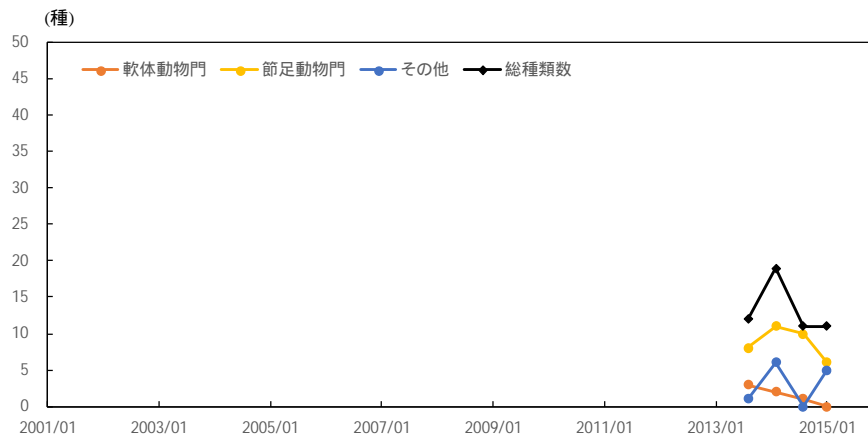
図7(4) 植物プランクトンの推移[八代海] (上段:種類数 下段:細胞数)



(1)Ykm-6

(2)Ykm-7

図7 (5) 植物プランクトンの推移[八代海] (上段：種類数 下段：細胞数)

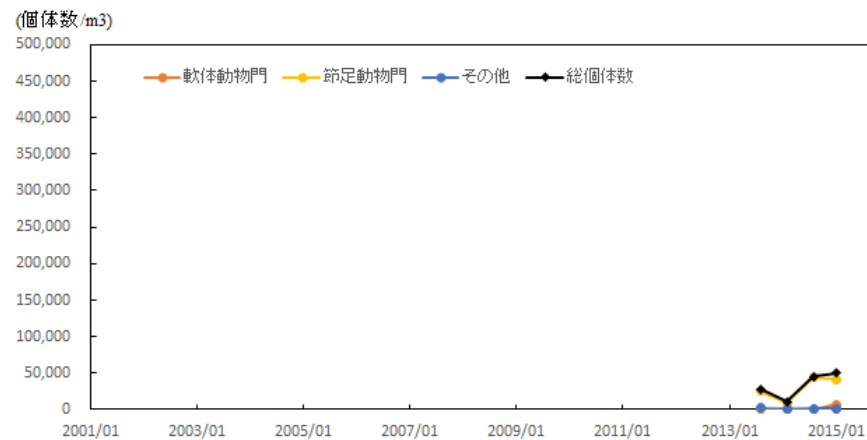
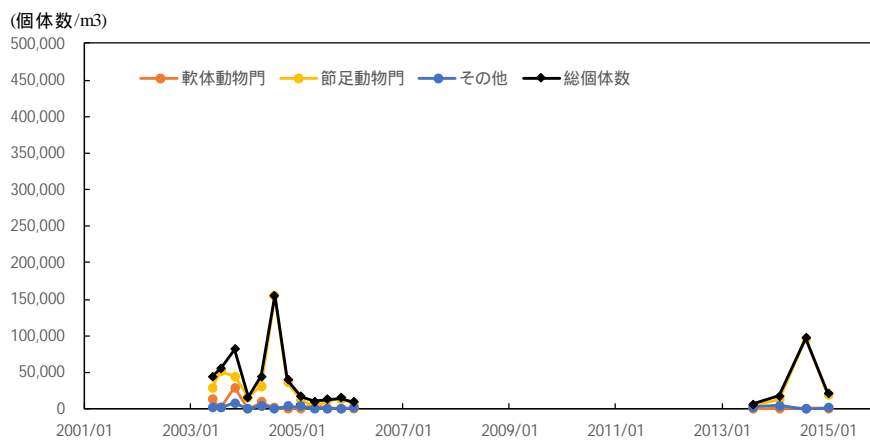
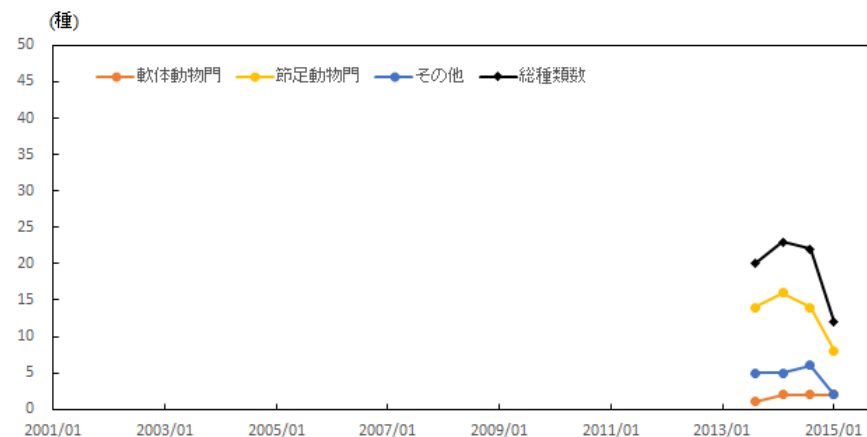
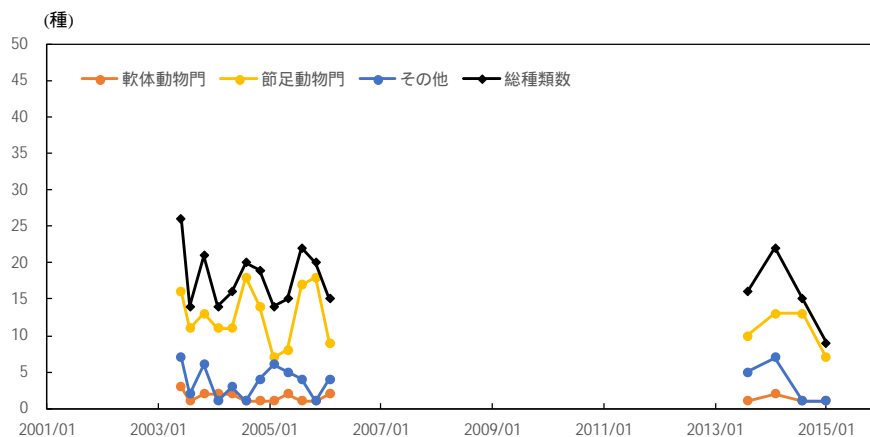


(1)Ykm-1

(2)Ykm-2

図8 (1) 動物プランクトンの推移[八代海] (上段：種類数 下段：細胞数)

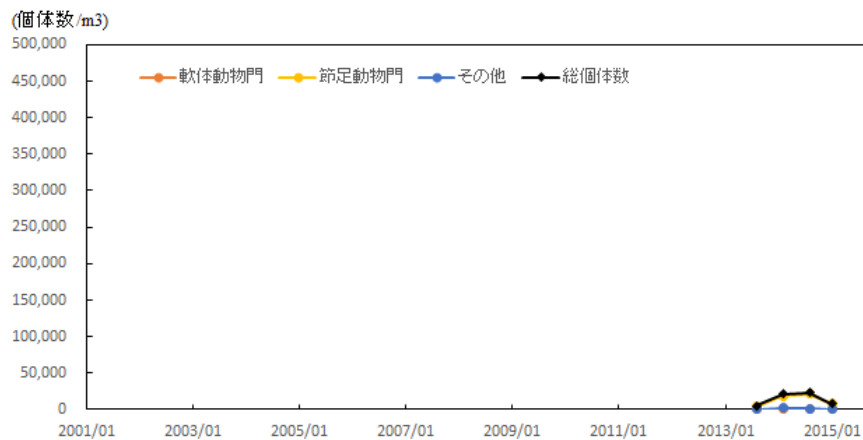
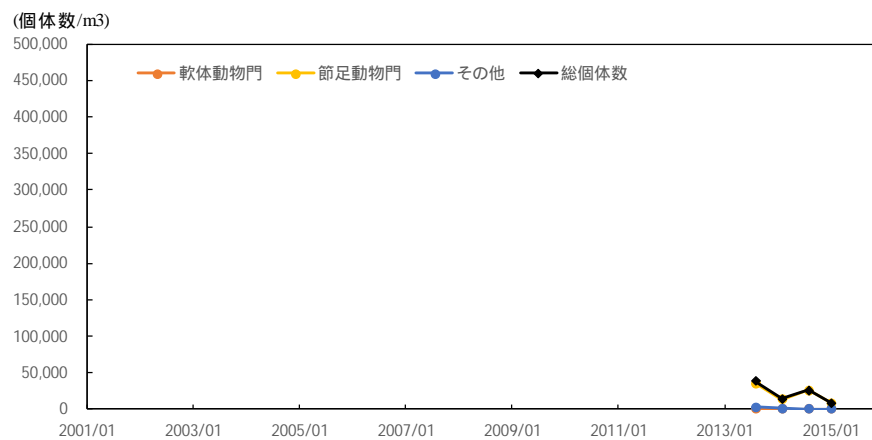
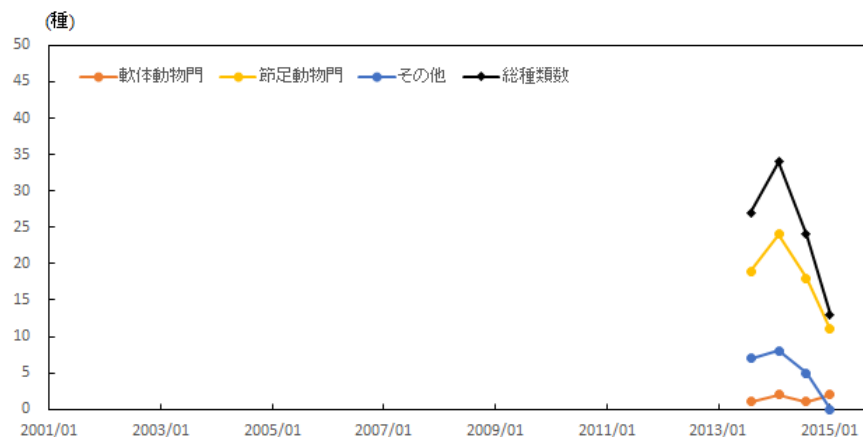
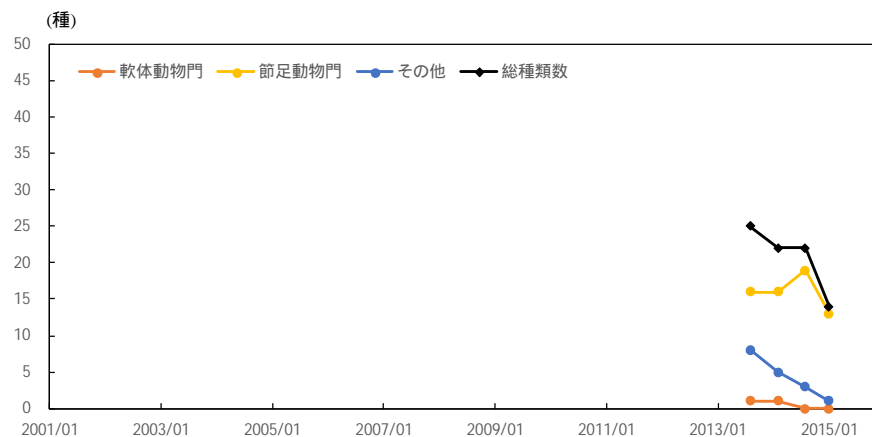




(1)Ykm-3

(2)Ykm-4

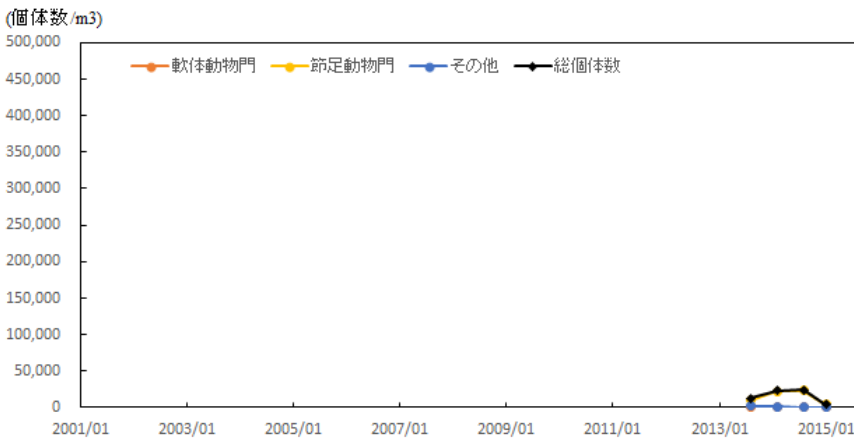
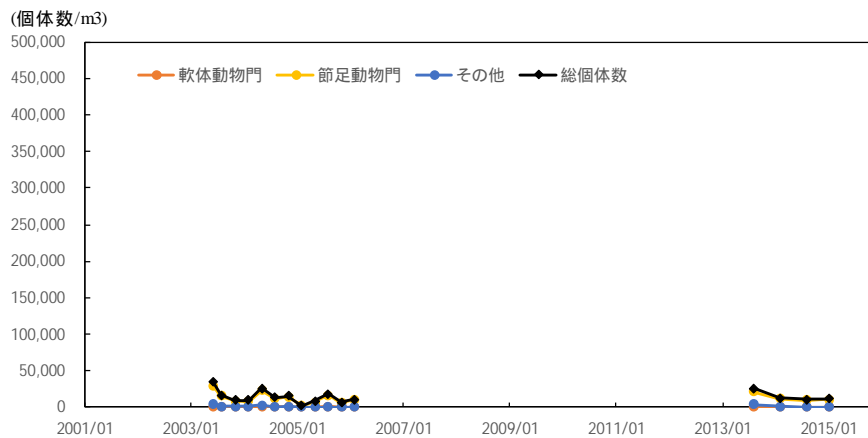
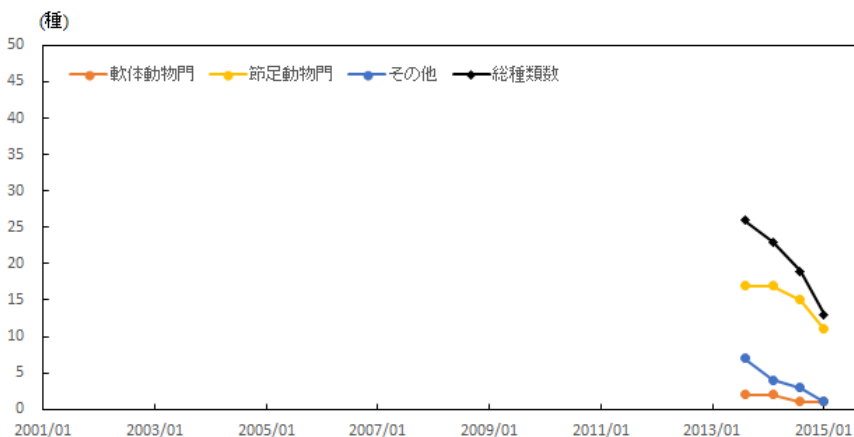
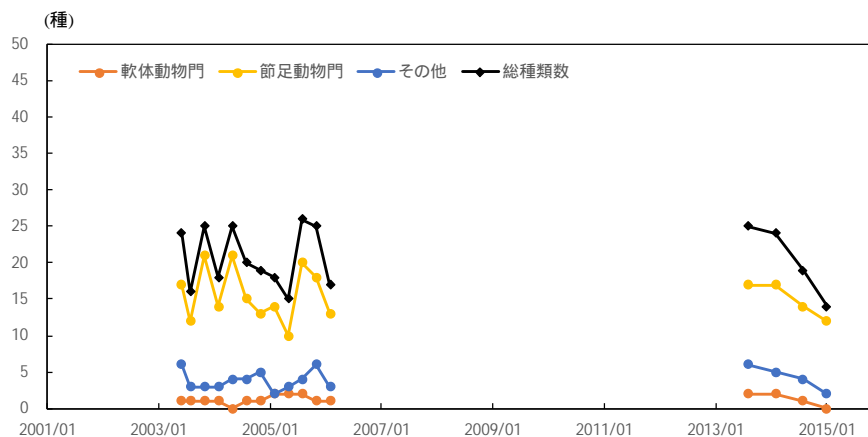
図8 (2) 動物プランクトンの推移[八代海] (上段：種類数 下段：細胞数)



(1)Ykm-5

(2)Ykg-1

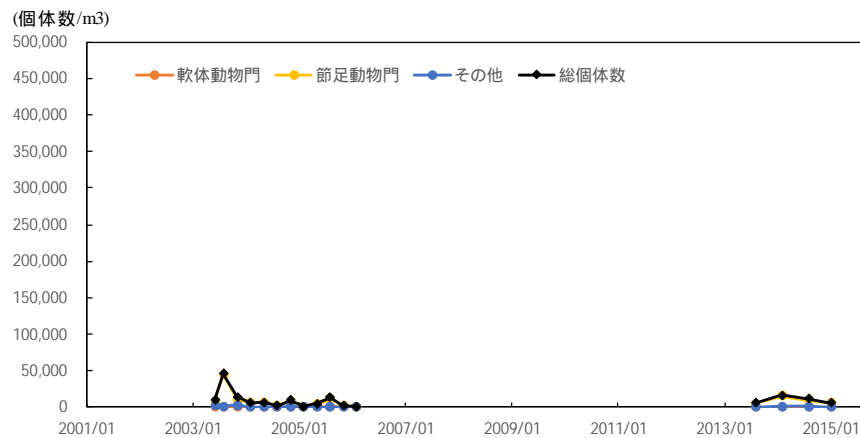
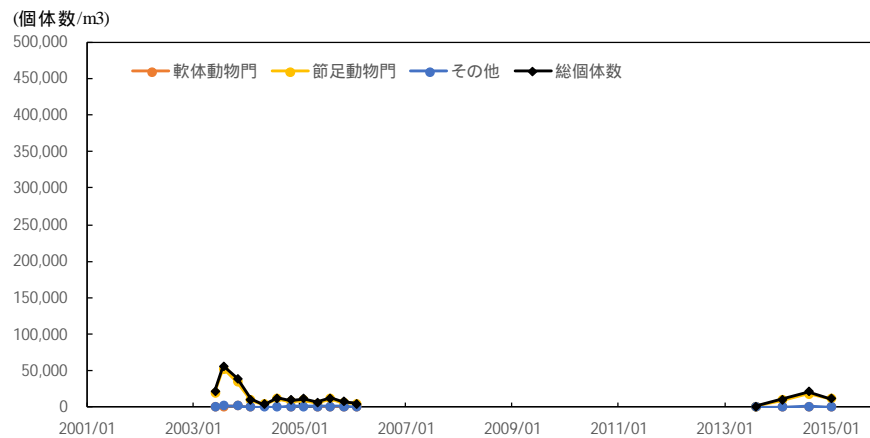
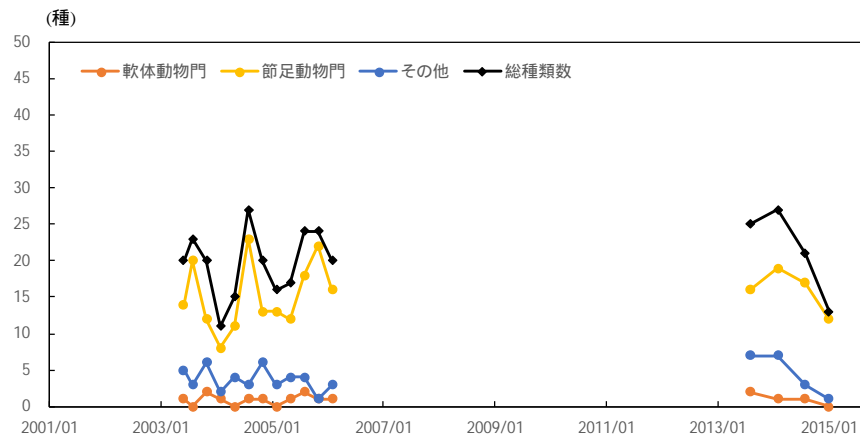
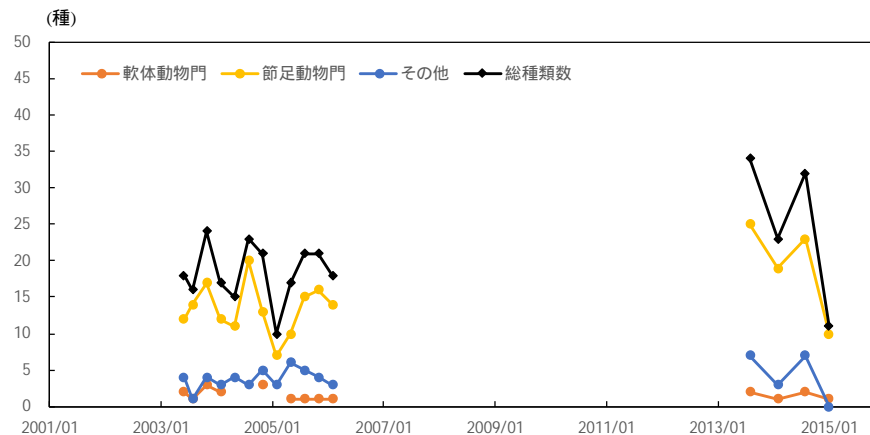
図8 (3) 動物プランクトンの推移[八代海] (上段:種類数 下段:細胞数)



(1)Ykg-2

(2)Ykg-3

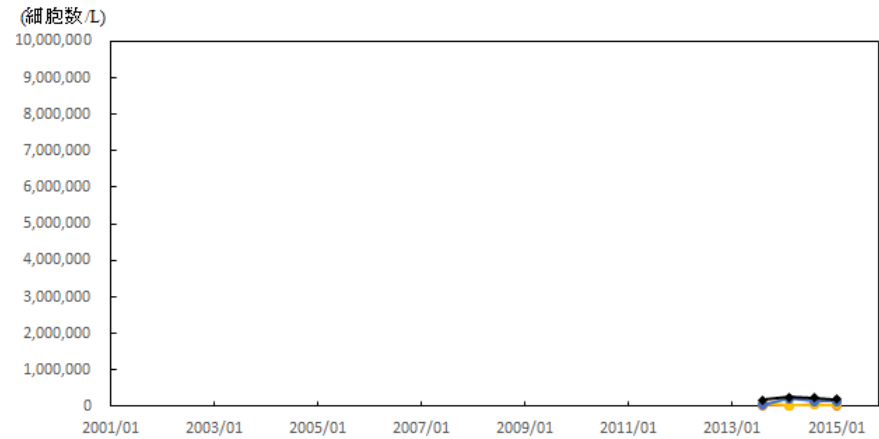
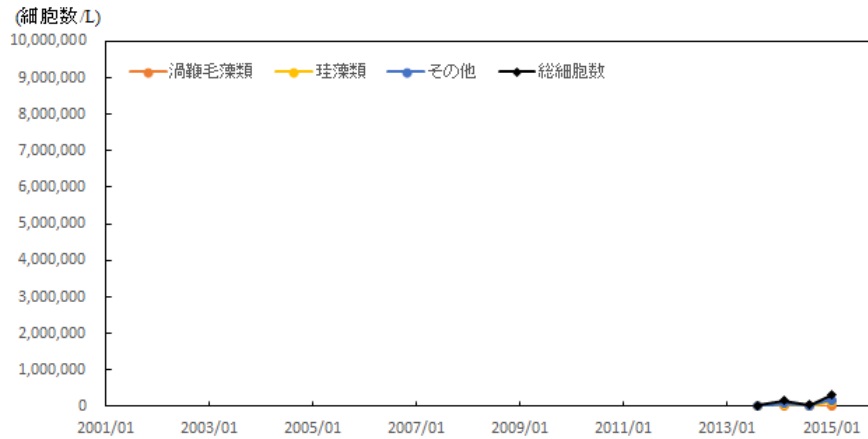
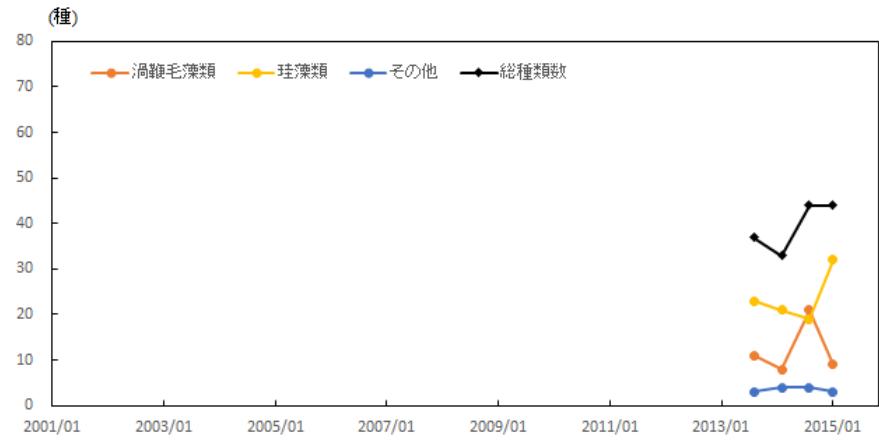
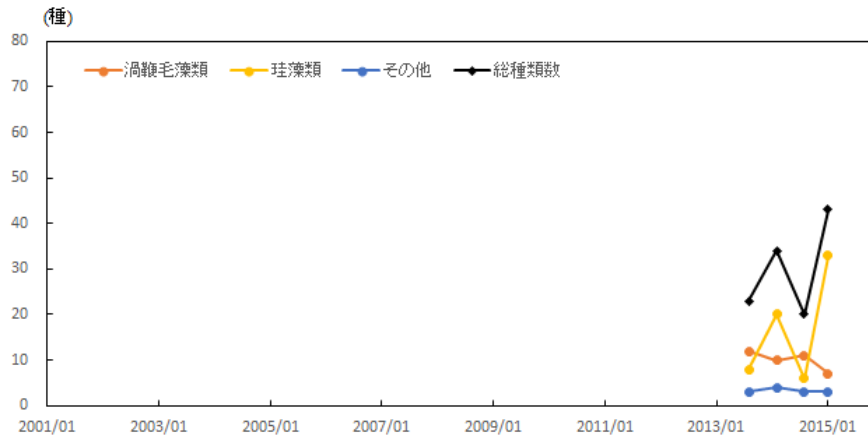
図8 (4) 動物プランクトンの推移[八代海] (上段：種類数 下段：細胞数)



(1)Ykm-6

(2)Ykm-7

図8 (5) 動物プランクトンの推移[八代海] (上段：種類数 下段：細胞数)

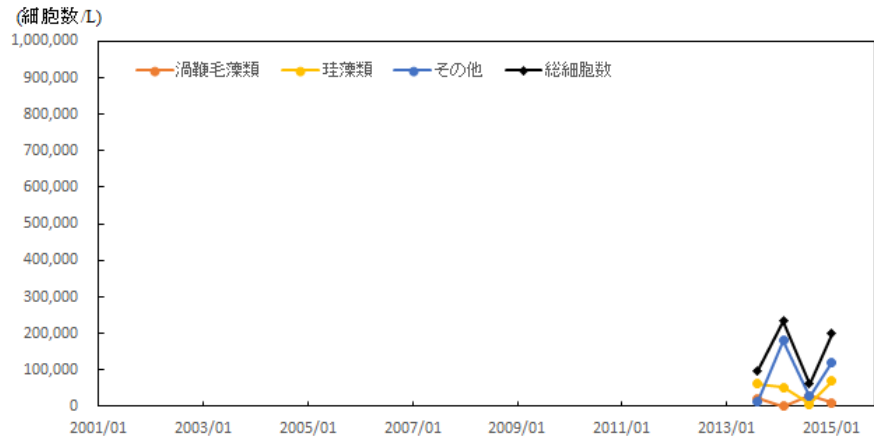
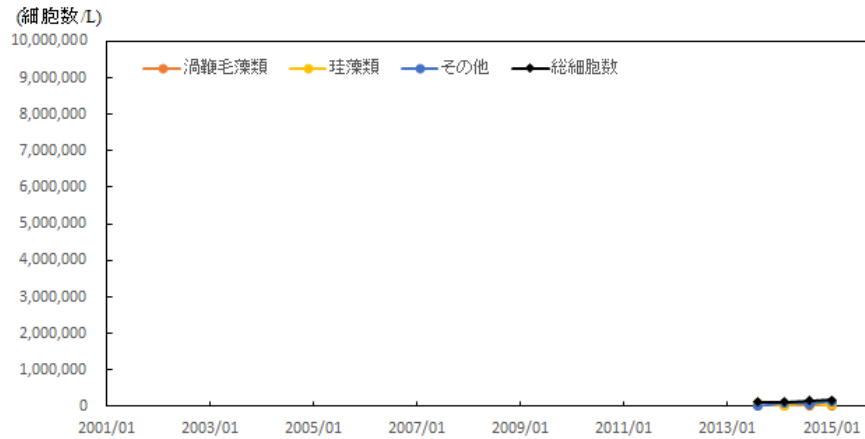
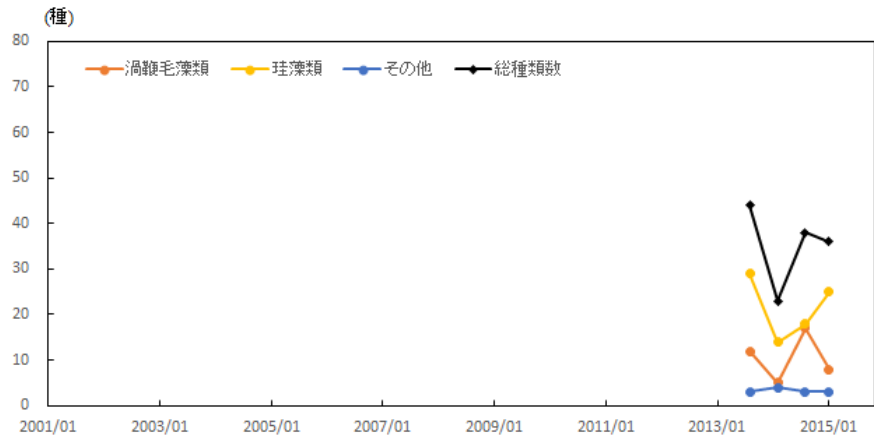
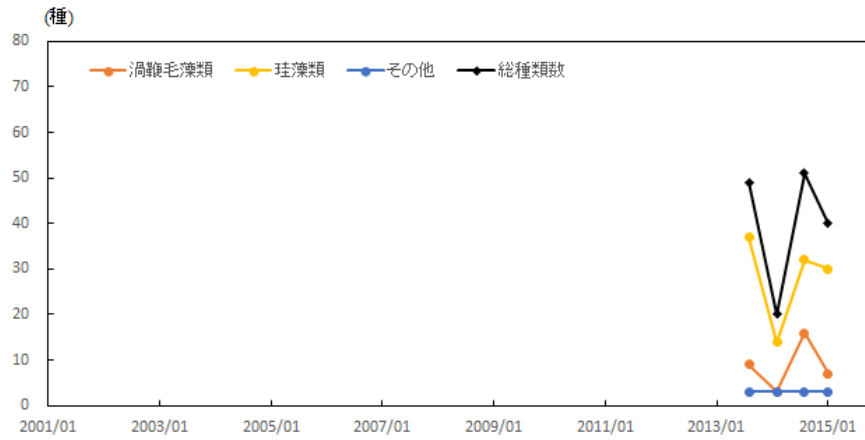


渦鞭毛藻類 珪藻類 その他 総細胞数

(1)Tng-1

(2)Tng-2

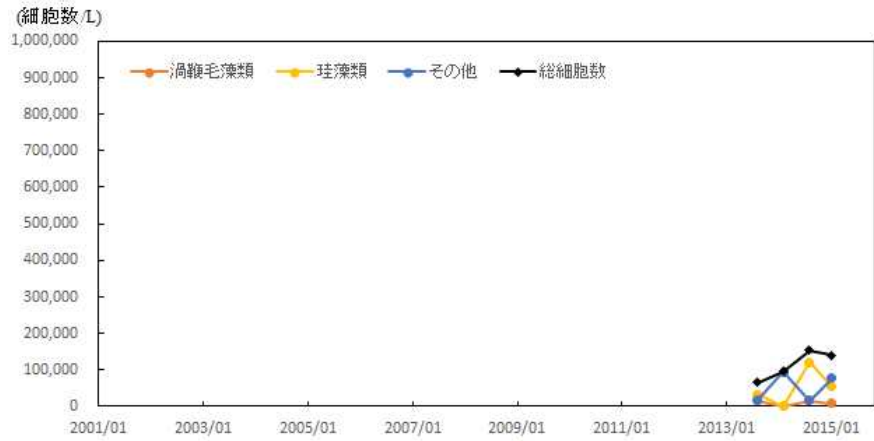
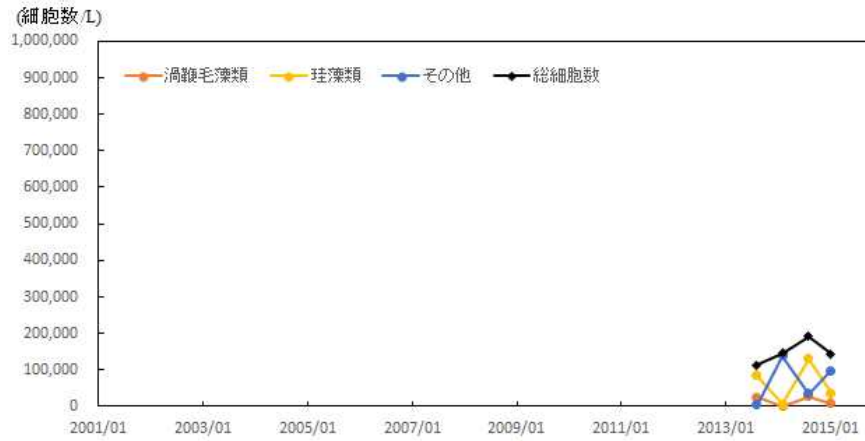
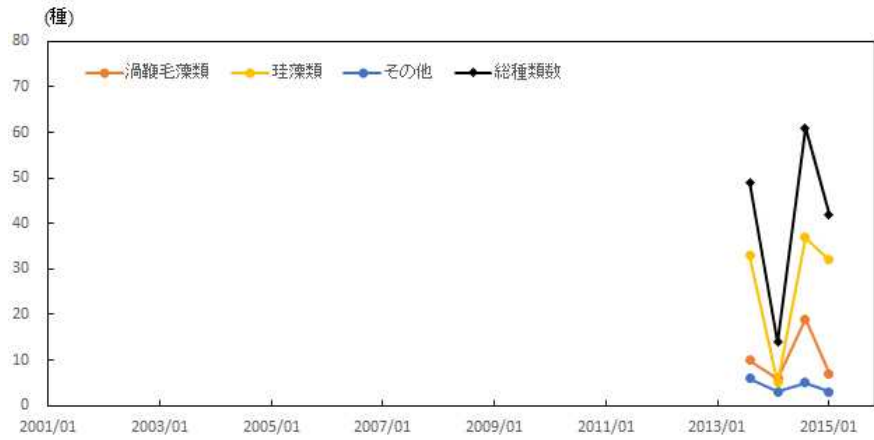
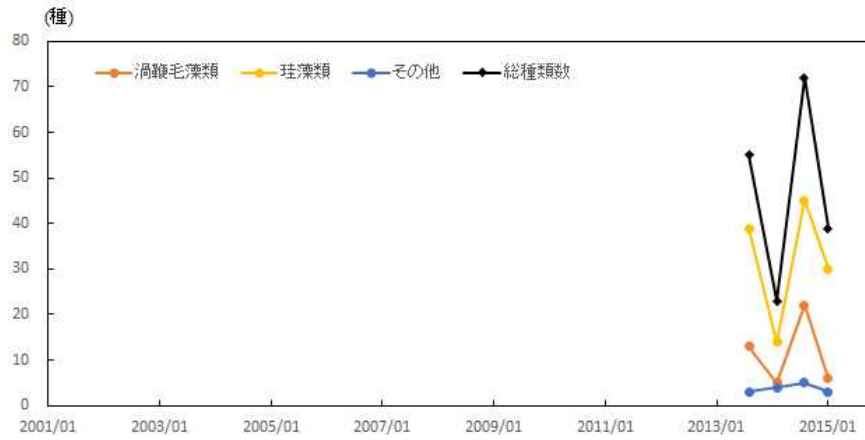
図9 (1) 植物プランクトンの推移[橘湾] (上段：種類数 下段：細胞数)



(1)Tng-3

(2)Tng-4

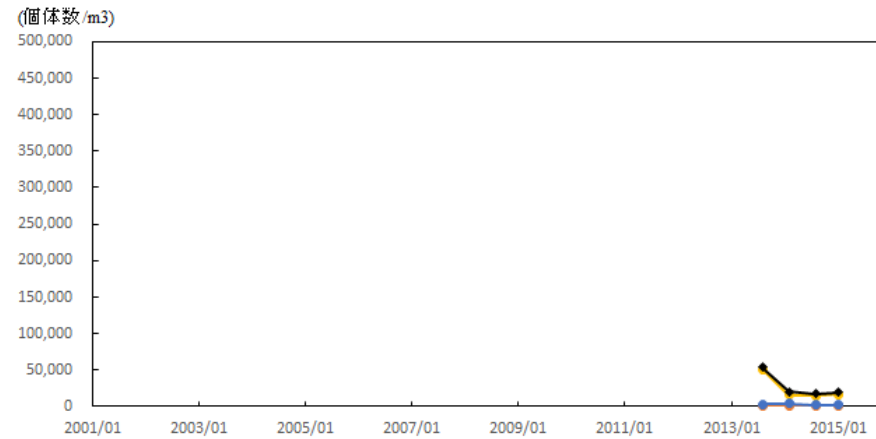
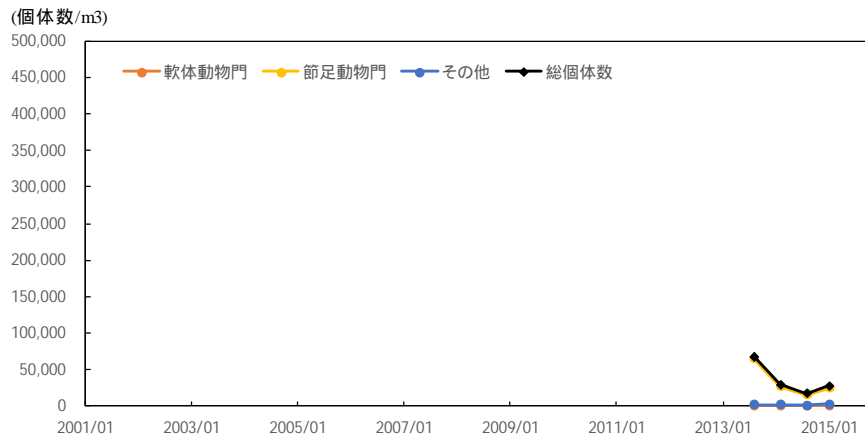
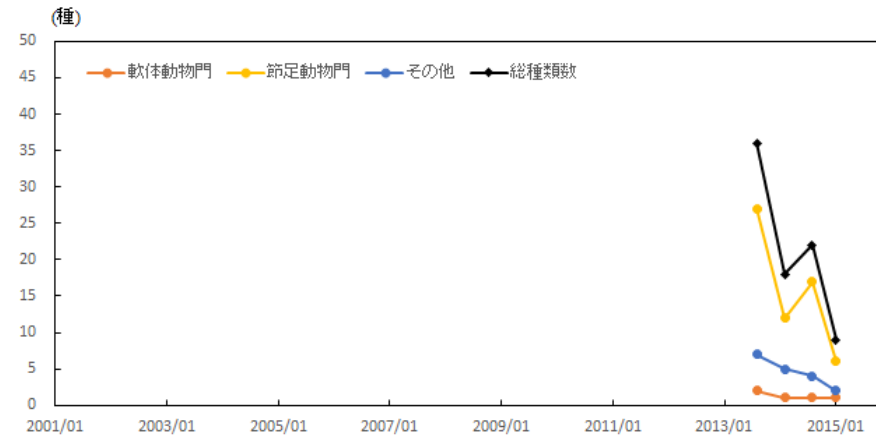
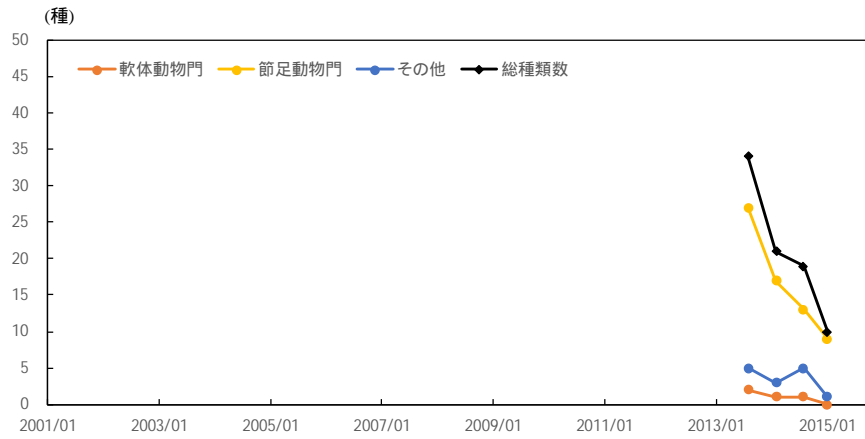
図9 (2) 植物プランクトンの推移[橘湾] (上段：種類数 下段：細胞数)



(1)Tng-5

(2)Tng-6

図9 (3) 植物プランクトンの推移[橘湾] (上段:種類数 下段:細胞数)



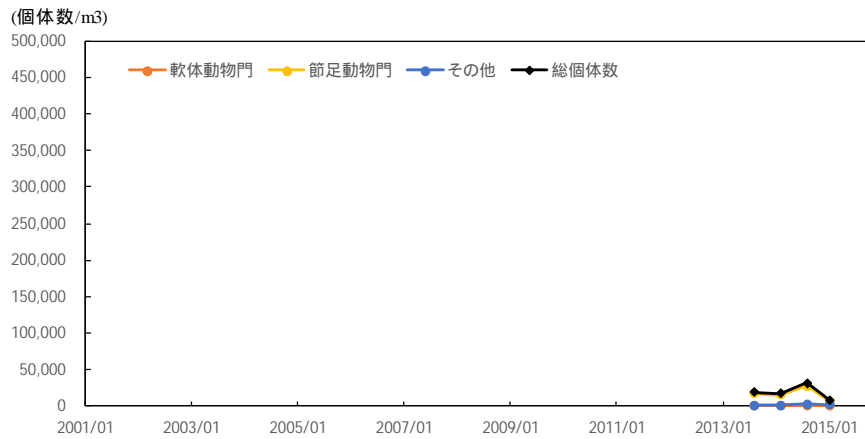
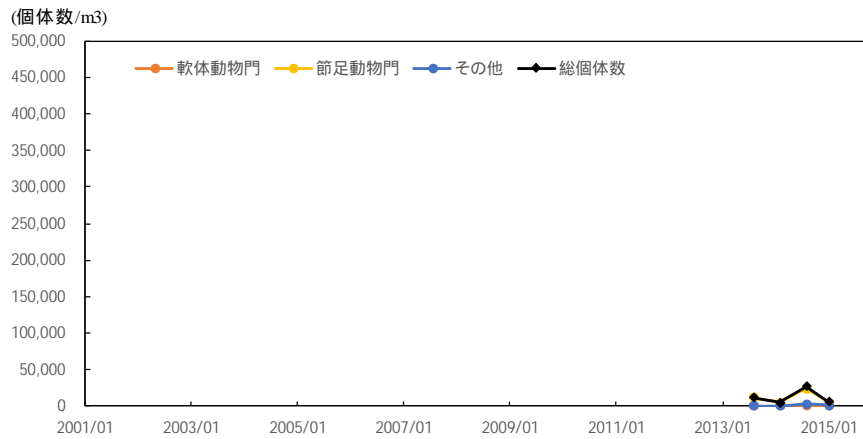
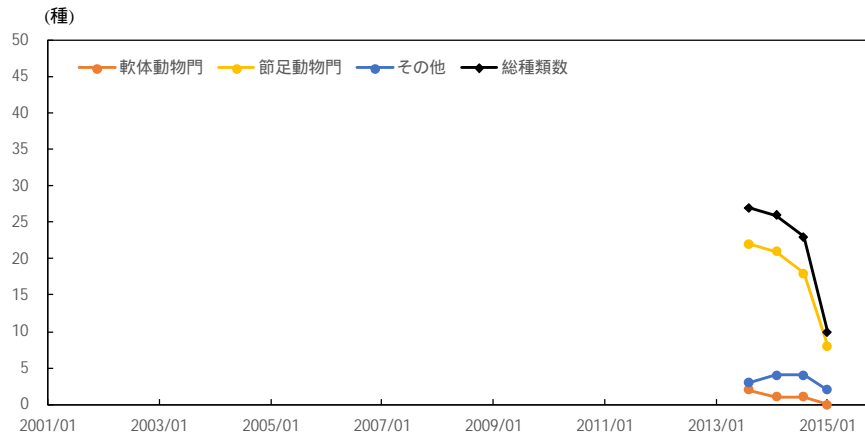
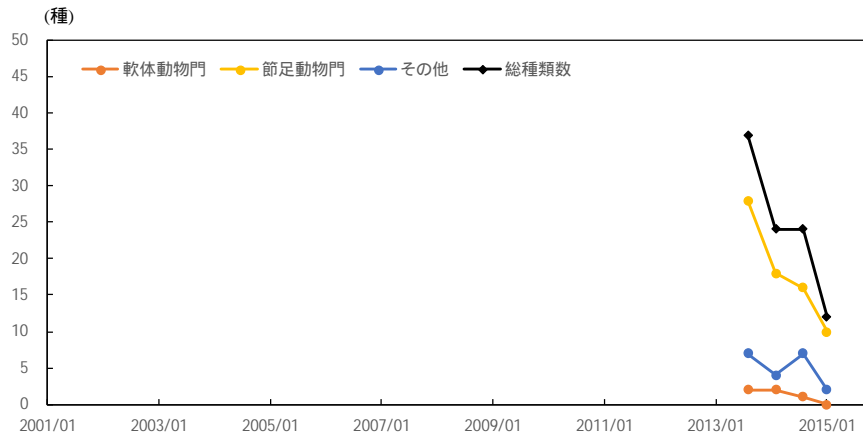
軟体動物門 節足動物門 その他 総個体数

(1)Tng-1

(2)Tng-2

図 10 (1) 動物プランクトンの推移[橘湾] (上段：種類数 下段：細胞数)

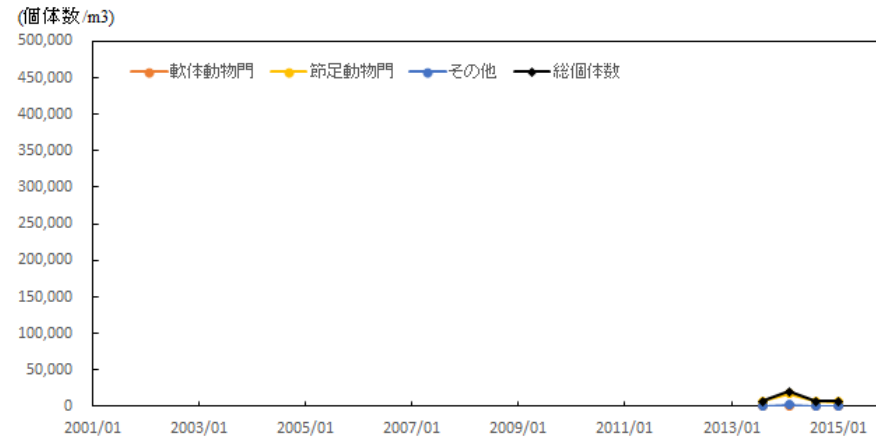
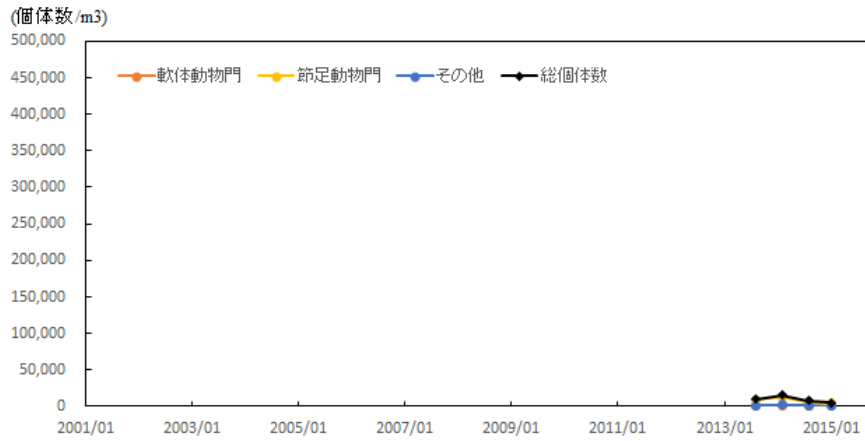
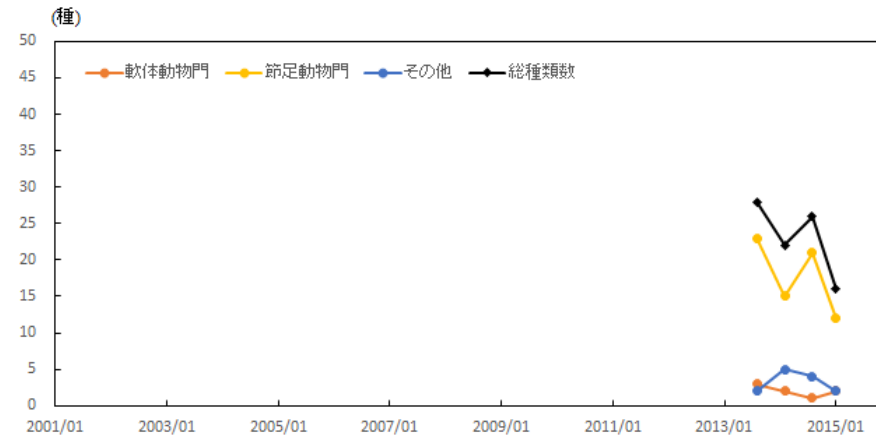
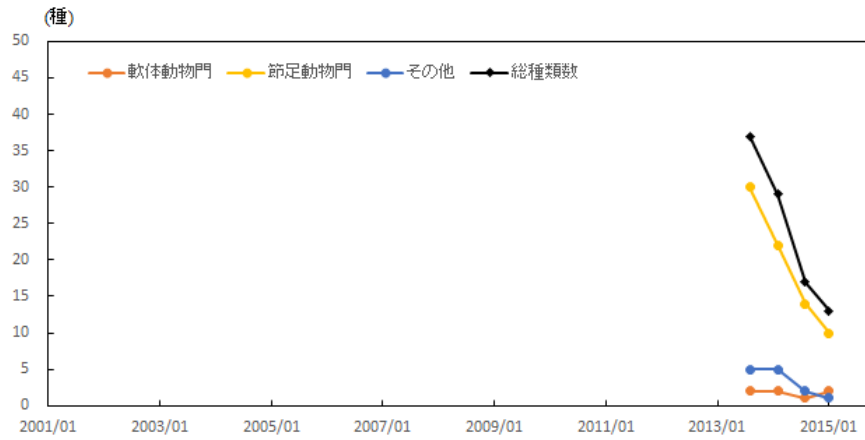




(1)Tng-3

(2)Tng-4

図 10 (2) 動物プランクトンの推移[橘湾] (上段：種類数 下段：細胞数)



(1)Tng-5

(2)Tng-6

図 10 (3) 動物プランクトンの推移[橘湾] (上段：種類数 下段：細胞数)