

Oioi Restoration strategy questions

Tena koe

We would much appreciate your guidance on how to maximize survival and spread of Oioi (jointed wire rush,) which we are about to plant in Te Hikapupu (Pleasant River Estuary) next month.

15 minutes of your time?

If you can spare us 20 minutes, could we please talk by telephone Zoom? If so, please email one of us to fix a time for a korero:

- Angelina: 021 0706466, "Angelina Young" <nursery@puketeraki.nz>
- Henrik: 027 2268688, henrik.moller@otago.ac.nz

If you prefer, you could insert notes against each of the following questions and email the file to us at henrik.moller@otago.ac.nz.

About you:

1. Your name?
2. Your affiliation and job?
3. Your email?
4. Your phone number?

Your work with Oioi:

5. What experience have you had with planting Oioi and monitoring their performance? e.g. Where? When?
6. What were your main reasons for planting oioi?
7. How many did you plant/transplant?

Preparation:

8. Did you plant or grow stems propagated in the nursery or did you transplant wild growing plants?
9. If you grew the oioi yourself, did you irrigate them with salt water before transplanting to help them cope with salt shock? If you did not season them beforehand, did they appear to suffer once you had planted them?
10. Roughly how tall and old were the Oioi you planted/transplanted?

Layout guidelines:

11. We would like to hear about your general approach to where you planted oioi e.g. Depth and time immersed by the tide? Strength of tidal flow? Mix of fresh and salt water? Near the mouth or at the top of the estuary?
12. Did you plant in open sediment areas, or amongst other plants (e.g. Sarcocornea)?
13. How widely spaced did you plant and what determined this?
14. If you were to plant oioi in future, what spacing would you advise as optimal?
15. Any other rules or guidelines?

Planting success:

16. How did you monitor success or otherwise of your mahi?
17. How was survival overall?
18. Have they spread out from where you planted/transplanted them? If so, how fast and far have they spread?
19. What was the vegetative method and pattern of spread?
20. Did the newly planted oioi displace other species in the estuary sediment?

Anything we missed?

21. Did any other issues or outcomes arise that surprised you, or that can't help the success of our own attempts to restore oioi at Te Hakaupupu.
22. Would you attempt planting of oioi again, and if so, what would you do differently next time?

Follow up:

23. Are there any reports that we might read about your planting to learn from? We could only find one report on oioi planting success – if you know of reports prepared by other teams, please send us a reference or best of all, a copy.
24. Do you know of other people all projects in your area who have experience of planting oioi that we could talk to? If so, please provide an email or phone number so that we can contact them.
25. We would like to acknowledge your help in our report if you are comfortable to be named. But we can keep your input anonymous if you prefer. Are you happy to be named alongside the information you have provided here?
26. We are also happy to add you as coauthors on the report if you wish. If so, we will send you a draft version of the report for you to peer review. Do you want to be included as an author?
27. Would you like to receive a copy of our report next year?

Many thanks for sharing your knowledge and giving your time. We are very grateful.

Mauri ora!

Angelina Young and Henrik Moller

20th October 2022.