

OREHP Scientific Advisory Committee Meeting

Teleconference only

June 16, 2022

11 a.m. – 1 p.m.

Attendees:

Scientific Advisory Committee (SAC) Members

Ken Cain, Tanya Darden, Kai Lorenzen, Brian Small, Nicole Williamson, Ron Zweig

California Department of Fish and Wildlife (CDFW)

Adam Frimodig, Kathryn Johnson, Kirsten Ramey, Valerie Taylor

Hubbs-SeaWorld Research Institute (HSWRI)

Mark Drawbridge, Mike Shane, Ruari MacNamara

Ocean Resources Enhancement Advisory Panel (OREAP) Members

John Ballotti, Wayne Kotow

Public

Larry Phillips, Michael Quill, Frank Sullivan, Daniel Tabor

1. Introductions and announcements

No announcements.

2. Nominations and vote for Chairperson and Vice Chairperson; discussion and possible vote on SAC Bylaws

Nomination of Ron Zweig for Chairperson – unanimously approved.

Nomination of Ken Cain for Vice Chair – unanimously approved.

SAC will continue to review draft bylaws and send edits/comments to Valerie Taylor by June 30. Valerie Taylor will send draft to CDFW legal counsel for review, and a final copy of the bylaws will be ready for SAC review by the next meeting (August).

3. Discussion of the OREAP motion recommending that the SAC develop a Statement of Work and a Request for Proposal for an OREHP genetics study

John Ballotti (OREAP Chairperson) – the evaluation coupled with the preliminary genetics study indicates a genetics study is necessary. Wants to make sure the SAC is aware that the OREAP considers this a high priority.

SAC discussion about taking the time to review the information available before moving on to the next step in the interest of scientific integrity and transparency. Clarification from Tanya Darden regarding the preliminary status of the graduate student thesis. Tanya will provide the thesis for SAC review once it has been defended. Discussion about potential applications of being able to determine parentage of fish.

Mark Drawbridge (HSWRI) – would like to see the SAC’s input on genetics work beyond a one-time study. Can the SAC review the best management practices and look at how genetics could be used into the future and for broodstock management? Minimum number of broodfish? Genotyping new broodfish?

Members of the public expressed support for genetics study (Daniel Tabor (Former Mayor of Inglewood and City Councilmember), Michael Quill (Waterkeeper), Frank Sullivan (recreational fishermen)).

SAC agrees to further review the available information before addressing the OREAP’s motion.

4. Discussion and development of quantitative criteria, benchmarks, and timelines for the OREHP

Discussion about how to define success and the lack of specific science-based benchmarks to measure against for the evaluation and Evaluation SAC. Discussion about including input from the expanded survey and the OREAP in development of the measurements of success. Development of quantitative benchmarks and timelines are specifically noted in the statutory language.

Tanya suggests the SAC use the set of principles from A Responsible Approach to Stock Enhancement¹ to determine what would work best for white seabass. Kai supports this proposal and suggests using the updated version.

Ron mentions socio-economic elements as a complicating factor but one that should also be considered.

5. Public comment on agenda items, closing, and set date for next meeting

Discussion about having monthly meetings for the time being. Next meeting will be in August.

Action Items:

- Tanya will come up with a proposal on when and how to share the information from her grad student’s dissertation.
- Kai will take the OREHP Evaluation Recommendations table provided by CDFW and retabulate the data using A Responsible Approach to Stock Enhancement.

¹ K. Lorenzen, K. M. Leber, and H. L. Blankenship (2010). A responsible approach to marine stock enhancement: an update. *Fisheries Science*. 18(2): 189-2010.