



NWFSC

Recommendations for 2021 Groundfish Stock Assessments and Species for Consideration in 2023

June 2020 Virtual Presentation to the
Pacific Fishery Management Council

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Introduction

- Our recommendations are consistent with those of the advisory bodies for 2021 assessments
- These recommendations are somewhat reduced from the Council's March list, due to concerns over:
 - Assessment and age-reading capacity, particularly in an uncertain COVID-19 environment, and
 - Further review of data availability and expectations for assessment success
- Identification of species for 2023 consideration is inclusive of all advisory-body recommendations
- The suite of recommendations is premised on the ability to utilize a length-based, data-moderate approach in both cycles

2021 Stock Assessment Recommendations

Stock	Year Last Assessed	Assessment Type	NMFS 2020 Rank	Potential Areas
Lingcod	2017	Full	7	2+
Vermilion/sunset rockfish	--	Full	1	3+
Dover sole	2011*	Full	8	1
Pacific spiny dogfish	2011*	Full/Length-based Data-moderate	14	1
Sablefish	2019	Update	5	1
Copper rockfish	2013 (D-M)	Length-based Data-moderate	17	2+
Brown rockfish	2013 (D-M)	Length-based Data-moderate	3	2
Squarespotted rockfish	--	Length-based Data-moderate	3	1

Plus, Catch-Only Projections in 2021: canary rockfish, arrowtooth flounder, darkblotched rockfish, and petrale sole.

Proposed 2021 STAR Panel Calendar

May						
Su	Mo	Tu	We	Th	Fr	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

June						
Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

July						
Su	Mo	Tu	We	Th	Fr	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

August						
Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

September						
Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

- Holidays**
- Council Meetings**
- Prospective Briefing Book Deadlines**
- Possible STAR Panel weeks, for review in June**
- Possible STAR Panel weeks, for review in Sept.**
- Possible SSC-GSC Pre-Sept. Assessment Review**
- Week for additional review, if needed**

- Recommended**
- Recommended**

2023 Stock Assessment Candidates, Pt.1

Many more candidate species are identified than could possibly be done in 2023

Stock	Year Last Assessed	Assessment Type	NMFS 2020 Rank	Considerations
Petrale sole	2019 (U); 2013 (F)	Full	12	New eco-driver of recruitment
Black rockfish	2015	Full	2	New surveys
Rougheye/Blkspt. rockfish	2013	Full	22	High ABC attainment
Quillback rockfish	--	Full or LB-DM ²	3	High ABC attainment
Shortbelly rockfish	2007	Full	--	N. expansion; many survey ages
Sablefish	2021(U); 2019 (F)	Full or Update	5	Re-examine age-length conflict
Redbanded rockfish	--	Full or LB-DM	13	High ABC attainment
Yellowtail rockfish (north)	2017	Full or Update	14	
Yellowtail rockfish (south)	--	Full or LB-DM	14	Need more fishery ages
Canary rockfish	2015	Update	16	Will be 8 years since rebuilt
Yelloweye rockfish	2017	Update	11	Limited data; not projected to be rebuilt
Cowcod	2019	Update	57	Little new fishery data by 2023

2023 Stock Assessment Candidates, Pt.2

Stock	Year Last Assessed	Assessment Type	NMFS 2020 Rank	Considerations
Starry rockfish	--	LB-DM	19	High ABC attainment
Shortspine thornyhead	2013	LB-DM	26	Important fishery species
Longspine thornyhead	2013	LB-DM	38	Low ABC attainment
Greenspotted rockfish	2011	LB-DM	42	Low ABC attainment
English sole	2013 (D-M)	LB-DM	33	Low ABC attainment
Rex sole	2013 (D-M)	LB-DM	24	Low ABC attainment
Bank rockfish	--	LB-DM	23	Low ABC attainment
Olive rockfish	--	LB-DM	34	Low ABC attainment
Speckled	--	LB-DM	25	Low ABC attainment
Treefish	--	LB-DM	10	Few Inths; no ages

Wrap-up

We extend our thanks to all of the Council's advisory bodies for collaborative and productive discussions in considering all of our groundfish species for assessment prioritization.

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