

# Craig Brook and Green Lake NFH Updates

March 9<sup>th</sup> – March 21<sup>st</sup>, 2025



## Same As It Ever Was . . .

Egg distribution season is wrapping up at CBNFH and GLNFH and we're moving into hatching season. Recent rummaging around in old photos turned up some gems that show us how little some things have changed over the last 150 years.

Back in the 1880's hatchery folk packed salmon eggs in cheesecloth and moist sawdust for transport across the United States:



*Above: Salmon eggs in a wooden tray being wrapped in wet cheesecloth.*

*Below: Trays of eggs were boxed in wooden crates.*



*Green Lakers John Sutton (L) and Bryan Drew (R) pack salmon eggs into Styrofoam trays. Each tray has four cells, and the eggs are wrapped snugly in wet cheesecloth.*

Modern times have brought us Styrofoam coolers in lieu of wooden crates and sawdust. Each cooler has up to 4 trays and can carry approximately 40,000 eggs.



*An egg cooler in the field.*

Eggs packed this way are destined for planting in the gravel of their natal streams by Maine DMR biologists.

## In This Issue:

- *Same As It Ever Was – historical perspective*
- *Egg Updates*
- *Welcome Green Lake NFH's intern, Lincoln!*



To honor Saint Patrick's Day, celebrated on the 17<sup>th</sup>, we're sharing one of our favorite salmon legends – the Irish tale of the Salmon Knowledge. If you ever spy a salmon drifting in a clear stream under a hazel bush be, sure it's the Salmon of Knowledge! Follow the link for more.

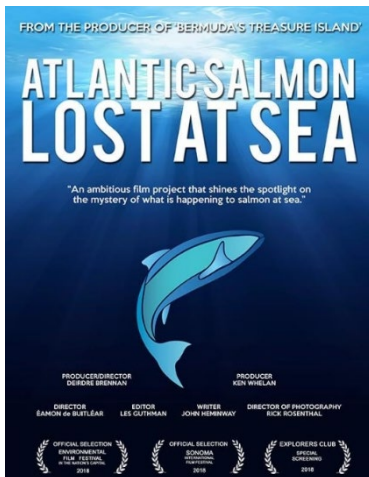


## Egg Updates

CBNFH has *finally* wrapped up processing captive-origin eggs! GLNFH processed their last take of domestic eggs on March 18<sup>th</sup>.

The final push will be when the last two takes of Penobscot sea-run that were spawned in *January*. Stuningly they won't be ready to process until the first week of **April**!

See the next few pages for a complete summary of our *egg*-tivities to date!



With the coming of Spring the smolt migration will soon be upon us. The documentary film "Atlantic Salmon: Lost at Sea", released in 2018, takes viewers on a journey through the life of our beloved salmon and the challenges facing them at sea. Well worth the watch!

Craig Brook NFH  
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## Welcome, Lincoln!



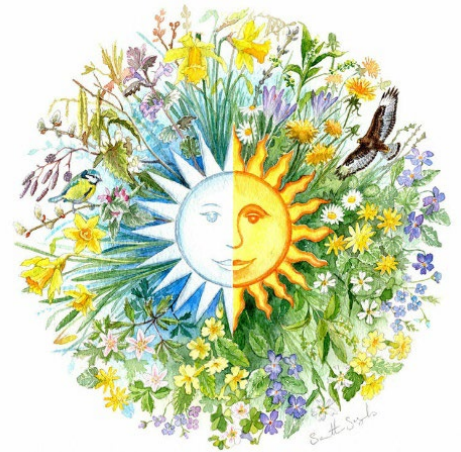
SCA intern Lincoln, background, was taught how to assess the fin condition of GLNFH smolts by the best - GLNFH's retiree volunteer, Fred Yost!

GLNFH welcomes their 2025 SCA intern, Lincoln Oxford-Pickerall. Lincoln, originally from West Virginia and lately from Florida, joined the hatchery on March 17<sup>th</sup>.

Catherine reports he's already off to a great start and she's looking forward to having his assistance for the upcoming smolt stocking season!

Lincoln will be at GLNFH through mid-December.

## Happy Spring!



Green Lake NFH  
1 Hatchery Way  
Ellsworth, ME 04605

<https://www.fws.gov/fish-hatchery/green-lake>



# Provisional 2025 Egg Summary

Population	Take Date	Families	Eggs/mL	Green Eggs	Eyed Eggs	Eye Up %	Fecundity
Dennys Captive Age 3	20-Nov	11	7.8	32,893	27,862	84.7	2,990
Dennys Captive Age 3	25-Nov	28	8.3	75,240	65,363	86.9	2,687
Dennys Captive Age 3	25-Nov	28	8.3	65,363	75,240	86.9	2,687
Dennys Captive Age 3	27-Nov	7	8.3	14,525	16,683	87.1	2,383
Dennys Captive Age 3	2-Dec	12	7	40,250	48,230	83.5	4,019
Dennys Captive Age 3	4-Dec	2	6.3	4,253	4,600	92.5	2,300
Dennys Captive Age 3	12-Dec	4	8.3	9,545	11,205	85.2	2,801
Dennys Captive Age 3	19-Dec	1	7.2	5,400	6,840	78.9	6,840
Dennys Captive Age 4	25-Nov	1	7.4	8,621	7,326	85	8,621
Dennys Captive Age 4	25-Nov	1	7.4	7,326	8,621	85	8,621
Dennys Captive Age 4	27-Nov	3	5.8	9,060	10,800	83.9	3,600
Dennys Captive Age 4	2-Dec	6	8.2	10,619	13,858	76.6	2,310
Dennys Captive Age 4	4-Dec	2	8.5	6,418	10,668	60.2	5,334
Dennys Captive Age 4	12-Dec	7	6.5	29,185	33,345	87.5	4,764
Dennys Captive Age 4	19-Dec	2	8.1	5,184	7,250	71.5	3,625
East Machias Captive Age 3	22-Nov	5	8.1	13,406	12,798	95.5	2,681
East Machias Captive Age 3	25-Nov	19	8	51,920	45,040	86.7	2,733
East Machias Captive Age 3	25-Nov	19	8	45,040	51,920	86.7	2,733
East Machias Captive Age 3	27-Nov	17	8.2	47,970	53,464	89.7	3,145
East Machias Captive Age 3	3-Dec	17	8.3	36,188	49,012	73.8	2,883
East Machias Captive Age 3	6-Dec	10	7.9	22,713	25,162	90.3	2,516
East Machias Captive Age 3	16-Dec	2	9.5	5,700	6,460	88.2	3,230
East Machias Captive Age 4	3-Dec	3	8	11,200	17,000	65.9	5,667
East Machias Captive Age 4	6-Dec	1	6.8	5,032	9,622	52.3	9,622
East Machias Captive Age 4	16-Dec	5	6.6	17,919	22,539	79.5	4,508

# Provisional 2025 Egg Summary

Population	Take Date	Families	Eggs/mL	Green Eggs	Eyed Eggs	Eye Up %	Fecundity
Machias Captive Age 3	24-Nov	5	6.8	12,648	10,608	83.9	2,530
Machias Captive Age 3	27-Nov	4	7.4	7,548	4,218	55.9	1,887
Machias Captive Age 3	27-Nov	4	7.4	4,218	7,548	55.9	1,887
Machias Captive Age 3	3-Dec	13	7.5	31,313	39,676	78.9	3,052
Machias Captive Age 3	6-Dec	12	7.2	21,960	28,116	78.1	2,343
Machias Captive Age 3	10-Dec	5	7.3	8,395	11,133	75.4	2,227
Machias Captive Age 3	16-Dec	13	7.9	29,665	39,106	75.9	3,008
Machias Captive Age 4	3-Dec	2	6.6	8,349	11,154	74.9	5,577
Machias Captive Age 4	6-Dec	3	6.1	6,771	9,699	69.8	3,233
Machias Captive Age 4	10-Dec	2	6.3	6,143	9,356	65.7	4,678
Machias Captive Age 4	16-Dec	10	5.9	31,064	53,897	57.6	4,900
Narraguagus Captive Age 3	22-Nov	4	7	10,535	9,660	91.7	2,634
Narraguagus Captive Age 3	26-Nov	12	8.1	29,606	28,755	97.1	2,467
Narraguagus Captive Age 3	26-Nov	12	8.1	28,755	29,606	97.1	2,467
Narraguagus Captive Age 3	29-Nov	9	8.2	20,213	23,247	86.9	2,583
Narraguagus Captive Age 3	2-Dec	13	8.1	28,350	35,033	80.9	2,695
Narraguagus Captive Age 3	4-Dec	15	8.6	29,455	35,475	83	2,365
Narraguagus Captive Age 3	9-Dec	6	8.7	12,876	18,879	68.2	3,147
Narraguagus Captive Age 3	16-Dec	8	8.7	17,574	24,186	72.7	3,023
Narraguagus Captive Age 4	26-Nov	1	6.6	6,864	5,940	86.5	6,864
Narraguagus Captive Age 4	26-Nov	1	6.6	5,940	6,864	86.5	6,864
Narraguagus Captive Age 4	2-Dec	2	6.5	4,258	9,783	43.5	4,892
Narraguagus Captive Age 4	4-Dec	1	5.8	4,350	5,655	76.9	5,655
Narraguagus Captive Age 4	9-Dec	2	6	5,760	6,960	82.8	3,480
Narraguagus Captive Age 4	16-Dec	20	6.7	93,164	113,264	82.3	5,663
Narraguagus Captive Cryo	4-Dec	1	8.7	2,262	3,271	69.2	3,271

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# Provisional 2025 Egg Summary

Population	Take Date	Families	Eggs/mL	Green Eggs	Eyed Eggs	Eye Up %	Fecundity
Penobscot Domestic	2-Dec	21	9.7	25,875	35,333	73.2	1,683
Penobscot Domestic	12-Nov	25	10.1	45,460	37,239	81.9	1,818
Penobscot Domestic	18-Nov	114	8.3	194,978	158,677	81.4	1,710
Penobscot Domestic	25-Nov	148	9.4	154,818	217,798	71.1	1,472
Penobscot Sea-Run	12-Nov	18	7.8	145,080	130,260	89.8	8,060
Penobscot Sea-Run	15-Nov	42	7.6	352,640	333,260	94.5	8,396
Penobscot Sea-Run	19-Nov	53	7.8	402,012	376,568	93.7	7,585
Penobscot Sea-Run	21-Nov	11	7.4	86,839	83,990	96.7	7,894
Penobscot Sea-Run	12-Dec	6	9.2	29,256	33,166	88.2	5,528
Pleasant Captive Age 3	26-Nov	9	7.4	23,865	20,350	85.3	2,652
Pleasant Captive Age 3	26-Nov	9	7.4	20,350	23,865	85.3	2,652
Pleasant Captive Age 3	29-Nov	18	7.3	49,641	37,413	75.4	2,758
Pleasant Captive Age 3	29-Nov	18	7.3	44,129	57,415	76.9	3,190
Pleasant Captive Age 3	3-Dec	13	7.8	22,425	32,955	68	2,354
Pleasant Captive Age 3	5-Dec	10	7.4	18,204	22,200	82	2,220
Pleasant Captive Age 3	9-Dec	8	7.6	18,468	25,992	71.1	3,249
Pleasant Captive Age 3	12-Dec	7	7.4	18,130	20,683	87.7	2,955
Pleasant Captive Age 4	26-Nov	2	6	7,440	5,820	78.2	3,720
Pleasant Captive Age 4	26-Nov	2	6	5,820	7,440	78.2	3,720
Pleasant Captive Age 4	29-Nov	3	6.6	13,860	11,220	81	4,620
Pleasant Captive Age 4	29-Nov	3	6.6	11,220	13,860	81	4,620
Pleasant Captive Age 4	3-Dec	2	6.9	8,729	18,838	46.3	6,279
Pleasant Captive Age 4	9-Dec	2	5.5	4,840	6,655	72.7	3,328
Pleasant Captive Age 4	12-Dec	3	6.5	9,750	11,115	87.7	3,705
Pleasant Captive Age 4	19-Dec	6	6.5	20,540	24,895	82.5	4,149

## Provisional 2025 Egg Summary

Population	Take Date	Families	Eggs/mL	Green Eggs	Eyed Eggs	Eye Up %	Fecundity
Sheepscot Captive Age 3	25-Nov	6	7.9	12,206	11,060	90.6	2,034
Sheepscot Captive Age 3	2-Dec	18	7.9	28,006	32,588	85.9	1,810
Sheepscot Captive Age 3	3-Dec	4	6.8	6,460	8,330	77.6	2,083
Sheepscot Captive Age 3	9-Dec	19	7.4	34,040	46,398	73.4	2,442
Sheepscot Captive Age 3	16-Dec	8	7.1	12,106	17,786	68.1	2,223
Sheepscot Captive Age 4	2-Dec	4	6.3	21,578	22,712	95	5,678
Sheepscot Captive Age 4	3-Dec	2	6	3,300	5,490	60.1	2,745
Sheepscot Captive Age 4	9-Dec	4	5.7	3,990	9,462	42.2	2,366
Sheepscot Captive Age 4	16-Dec	9	6.8	25,534	34,748	73.5	3,861

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