Table 1.— Preliminary estimates of passage by brood-year (BY) and run for unmarked juvenile Chinook salmon and steelhead trout captured by rotary-screw traps at Red Bluff Diversion Dam (RK391), Sacramento River, CA, for the dates listed below. Results include estimated passage, peak river discharge volume, water temperature, turbidity, and fork length (mm) range in parentheses. A dash (-) indicates that sampling was not conducted on that date.

				Estimated passage				
Date	Discharge volume (cfs) [1]	Water temperature (°C)	Water turbidity (NTU)	BY11 Winter	BY10 Spring	BY10 Fall	BY11 Late-Fall	BY11 RBT
7/2/2011	14,800	14.0	–	–	–	–	–	–
7/3/2011	14,600	14.2	–	–	–	–	–	–
7/4/2011	14,600	14.2	4.1	0 (–)	0 (–)	3,583 (62 – 110)	0 (–)	0 (–)
7/5/2011	15,100	14.1	4.3	0 (–)	0 (–)	3,627 (64 – 111)	0 (–)	0 (–)
7/6/2011	14,900	14.1	4.4	0 (–)	0 (–)	5,770 (66 – 119)	0 (–)	503 (41 – 85)
7/7/2011	15,000	14.2	4.3	0 (–)	0 (–)	4,966 (64 – 111)	210 (37 – 62)	280 (23 – 145)
7/8/2011	14,500	14.2	3.8	0 (–)	0 (–)	2,873 (64 – 122)	0 (–)	70 (77)
7/9/2011	14,100	14.2	–	–	–	–	–	–
7/10/2011	13,900	14.2	–	–	–	–	–	–
7/11/2011	13,400	14.1	4.1	0 (–)	0 (–)	3,096 (68 – 105)	57 (64)	163 (31 – 83)
7/12/2011	13,600	14.1	3.9	0 (–)	0 (–)	4,754 (72 – 112)	129 (57 – 65)	130 (29 – 71)
7/13/2011	13,500	14.2	4.1	0 (–)	0 (–)	5,447 (67 – 115)	67 (59)	65 (68)
7/14/2011	13,400	13.8	3.9	0 (–)	0 (–)	3,579 (68 – 124)	60 (65)	238 (45 – 93)
7/15/2011	13,700	13.8	4	0 (–)	0 (–)	4,174 (69 – 108)	0 (–)	0 (–)
Biweekly Total [2]				**0**	**0**	**58,617**	**733**	**2,029**
Biweekly Lower 90% Confidence Interval				0	0	-67,645	-4,649	-7,507
Biweekly Upper 90% Confidence Interval				0	0	184,879	6,115	11,565
Brood Year Total				**0**	**151,701**	**8,310,370**	**73,755**	**15,745**
Brood year Lower 90% Confidence Interval				0	53,774	4,726,281	11,042	2,923
Brood year Upper 90% Confidence Interval				0	249,628	11,894,459	136,467	28,567

[1] Peak daily discharge values do not account for diversions at RBDD and only represent peak flows registered at the Bend Bridge Gauging station (http://cdec2.water.ca.gov/cgi-progs/queryFx?bnd).

[2] Biweekly totals may be greater than the sum of the daily estimates presented in this table if sampling was not conducted on each day of the biweekly period. A dash (-) denotes those dates. To estimate daily passage for days that were not sampled, we impute missed sample days with the weekly mean value of days sampled within the week.

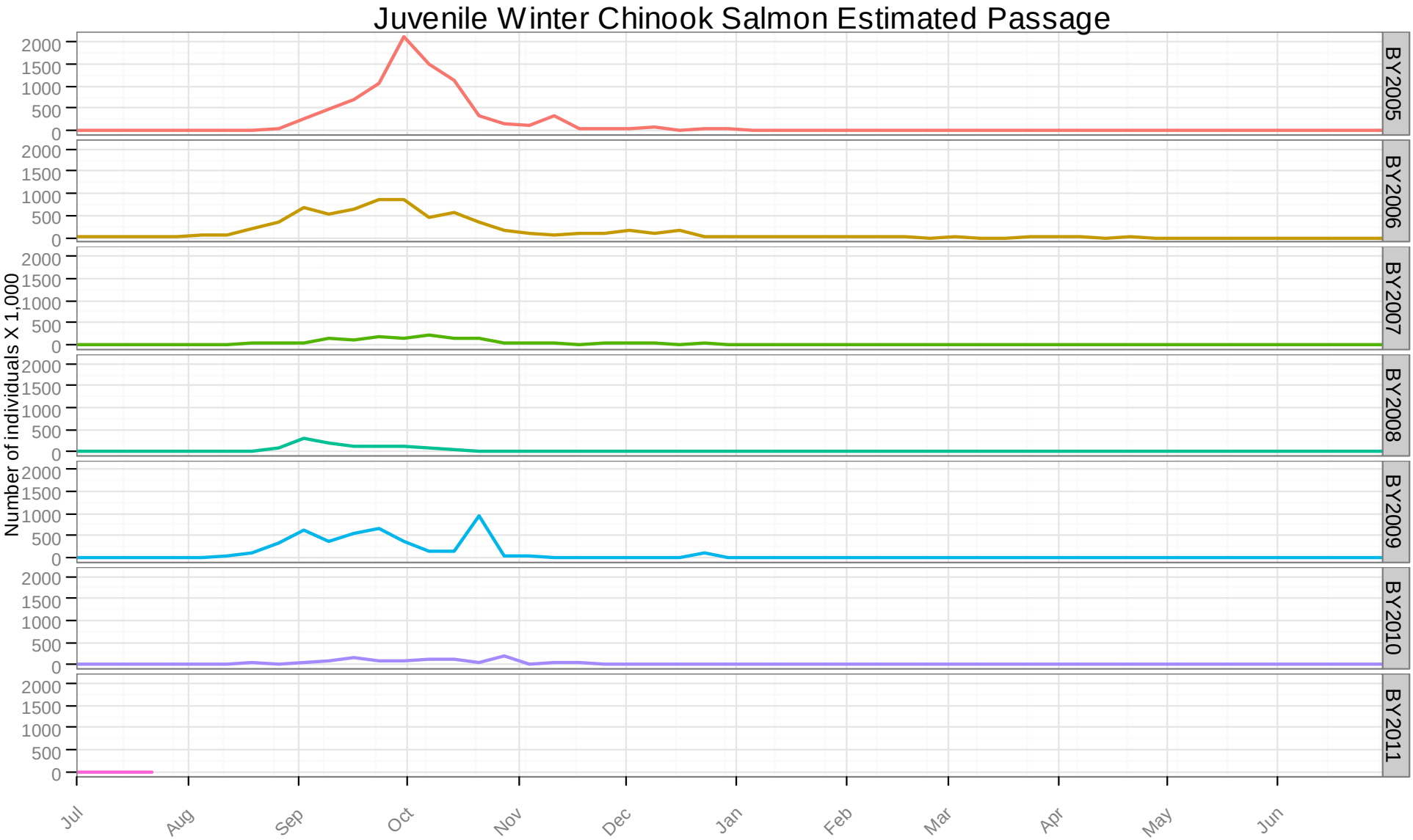

Figure 1. Weekly estimated passage of juvenile winter Chinook Salmon at Red Bluff Diversion Dam (RK391), by brood-year (BY). Fish were sampled using rotary-screw traps for the period July 1 2005 to present .

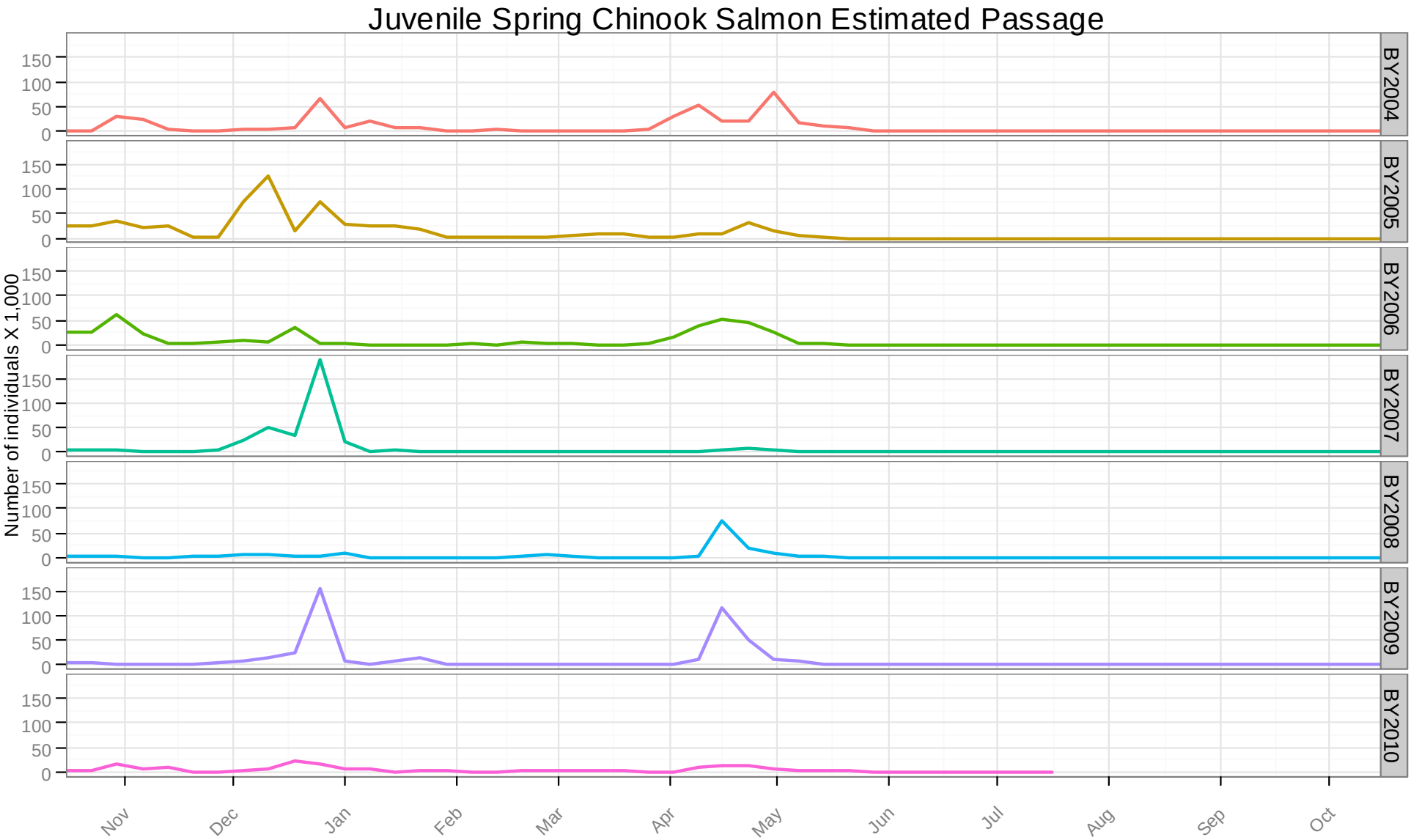

Figure 2. Weekly estimated passage of juvenile Spring Chinook Salmon at Red Bluff Diversion Dam (RK391), by brood-year (BY). Fish were sampled using rotary-screw traps for the period October 16 2004 to present .

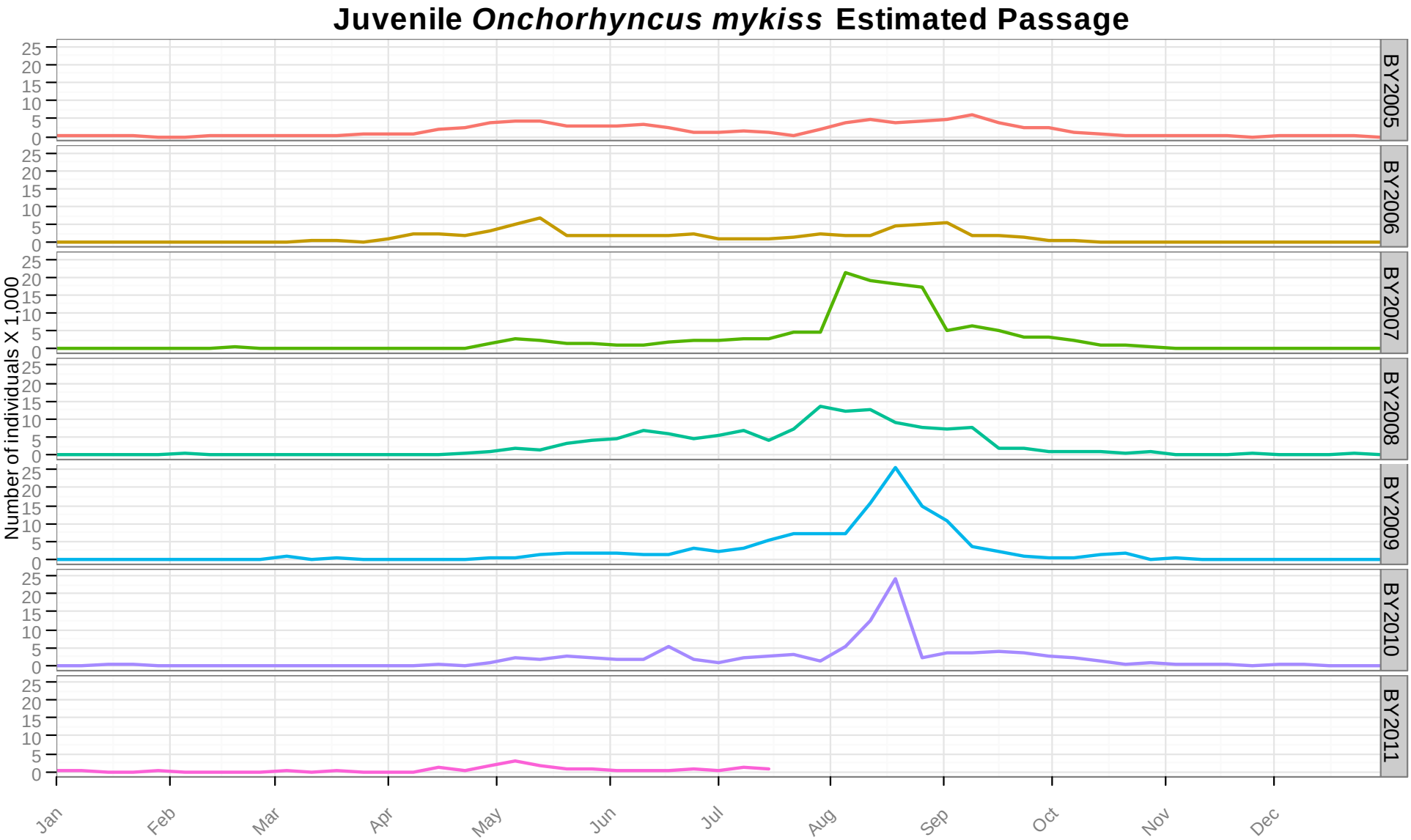

Figure 3. Weekly estimated passage of juvenile Rainbow/Steelhead trout at Red Bluff Diversion Dam (RK391), by brood-year (BY). Fish were sampled using rotary-screw traps for the period January 1 2005 to present .

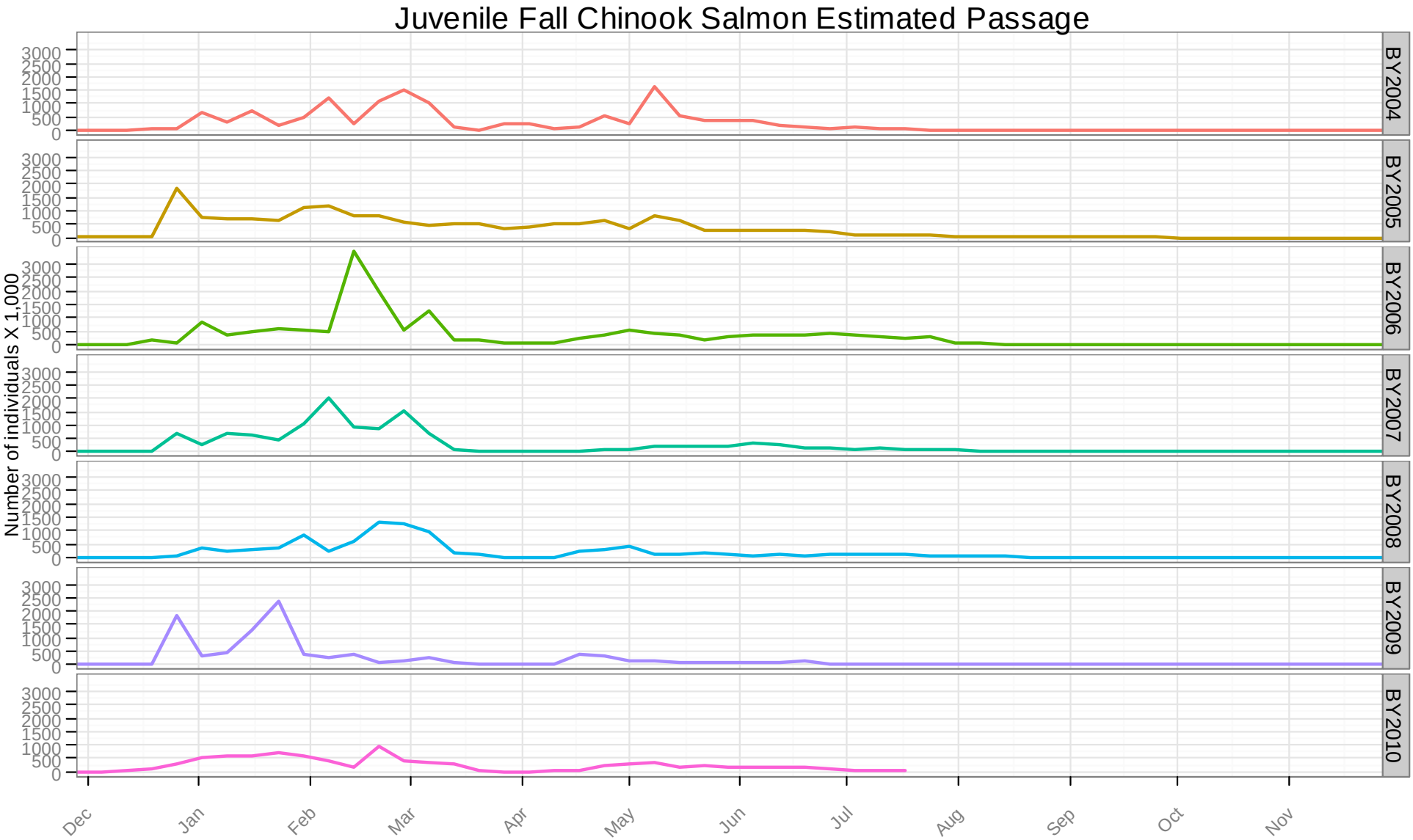

Figure 4. Weekly estimated passage of juvenile Fall Chinook Salmon at Red Bluff Diversion Dam (RK391), by brood-year (BY). Fish were sampled using rotary-screw traps for the period December 1 2004 to present .

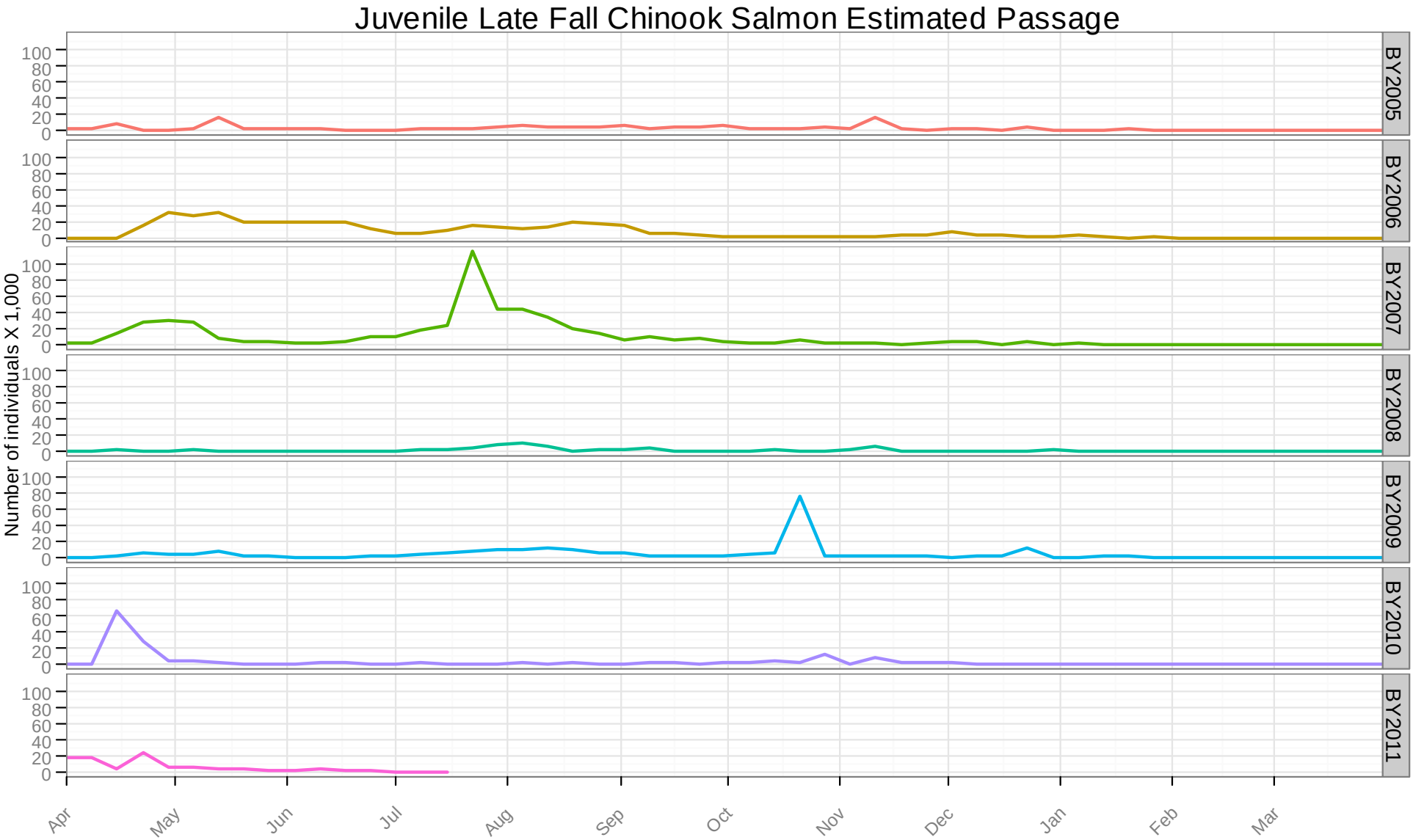

Figure 5. Weekly estimated passage of juvenile Late Fall Chinook Salmon at Red Bluff Diversion Dam (RK391), by brood-year (BY). Fish were sampled using rotary-screw traps for the period April 1 2005 to present .

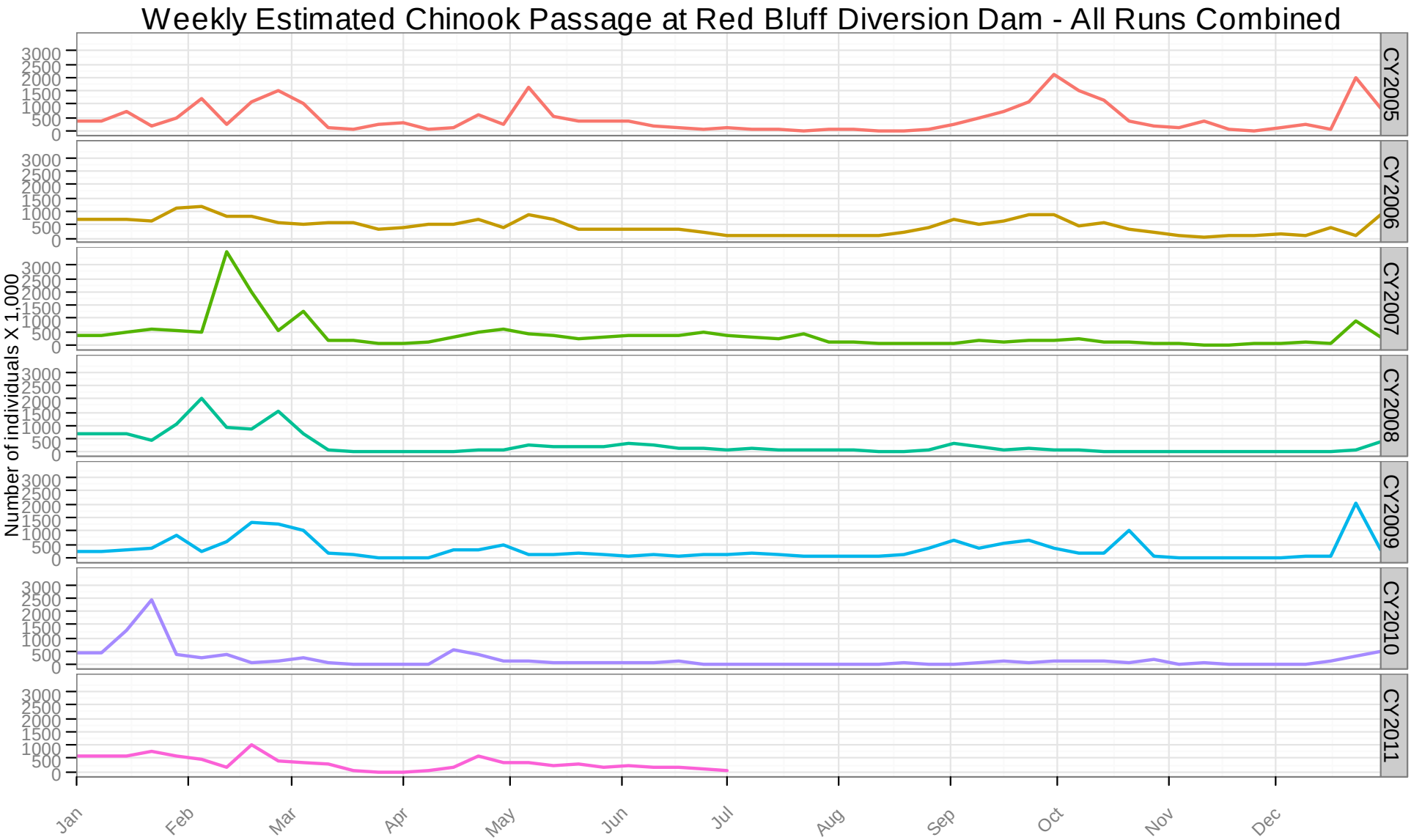

Figure 6. Weekly estimated passage of juvenile Chinook Salmon at Red Bluff Diversion Dam (RK391), by calendar year. Fish were sampled using rotary-screw traps for the period January 1 2005 to June 30 2011