



Name Mark Novak

Address Oregon State Univ

Phone 773-256-8645

Project OR Intertidal #2
4/1/14 ->

Rite in the Rain — A patented, environmentally responsible, all-weather writing paper that sheds water and enables you to write anywhere, in any weather. Using a pencil or all-weather pen, *Rite in the Rain* ensures that your notes survive the rigors of the field, regardless of the conditions.

Yachats Natural Bridge Export Flots

4/11/14 6:05 Dark partly cloudy cold no wind
strong breeze ♀ birds (few)

Which country + Photo graphs

Second "blooms" of algae & *Enteromorpha*
Another large slug of sand high up into rocks

4/3/14 Feeding surveys of birds
how swell + few waves, Breezy overcast

Patch F Start 6:26 - 6:37 - 36

No. 17, 8, 15, 16, 15-20059

No 18 & 19 (and) 20 (and) 21 (and) 22 (and) 23 (and) 24

Patch D Start 6:37 - 6:42

~~No. 13, 22nd August 1962~~

Path BB 51st 6:43 - 6:55 : 13

NC 15
Koos, 12, 19, 14, 9, 8, 16, 18, 20, 18, 18

Nc 8 Bg 2,
No 12 Bg 3, 16 Bg 3, 20 Bg 3,

~~fall AG 655-712~~

No 12 17, 10, 18, 15, 16, 17, ~8, 18, 6, 12, 17, 18, 16,
10, ~10, ~8, 10, 15, 13, ~8,

No 18 B₃g, 18 B₃3, 14 B₃2 (sd), 18 B₃3, 19 B₃3,

No 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28,

3 No egg laid

Patch AF Shoot 7:13-8:22:15 - 10:15:19
No 17B1, 17B2, 15M49(ad), 16B2, 14B3, 1515M46(d)
NC 15B2, 15B3, 15B4, 15B5, 15B6, 15B7, 15B8, 15B9
No 15, 14, 16, 17, 15, 16, 16, 17, 15 (Laying eggs) ad 14,
NC 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25
No 15B3, 16B3, 18M+6(ad), 13B5, 19B5, 19B6
(3M+7(ad), 15M+6, 16B3)
(1 No egg)

08:15 - 10:18 21-25:19

Patch AC 7:26 - 7:29
No 14, B2, 3, 1515B4, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25
No 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 7710, 7711, 7712, 7713, 7714, 7715, 7716, 7717, 7718, 7719, 7720, 7721, 7722, 7723, 7724, 7725, 7726, 7727, 7728, 7729, 7730, 7731, 7732, 7733, 7734, 7735, 7736, 7737, 7738, 7739, 7740, 7741, 7742, 7743, 7744, 7745, 7746, 7747, 7748, 7749, 7750, 7751, 7752, 7753, 7754, 7755, 7756, 7757, 7758, 7759, 7760, 7761, 7762, 7763, 7764, 7765, 7766, 7767, 7768, 7769, 7770, 7771, 7772, 7773, 7774, 7775, 7776, 7777, 7778, 7779, 77710, 77711, 77712, 77713, 77714, 77715, 77716, 77717, 77718, 77719, 77720, 77721, 77722, 77723, 77724, 77725, 77726, 77727, 77728, 77729, 77730, 77731, 77732, 77733, 77734, 77735, 77736, 77737, 77738, 77739, 77740, 77741, 77742, 77743, 77744, 77745, 77746, 77747, 77748, 77749, 77750, 77751, 77752, 77753, 77754, 77755, 77756, 77757, 77758, 77759, 77760, 77761, 77762, 77763, 77764, 77765, 77766, 77767, 77768, 77769, 77770, 77771, 77772, 77773, 77774, 77775, 77776, 77777, 77778, 77779, 777710, 777711, 777712, 777713, 777714, 777715, 777716, 777717, 777718, 777719, 777720, 777721, 777722, 777723, 777724, 777725, 777726, 777727, 777728, 777729, 777730, 777731, 777732, 777733, 777734, 777735, 777736, 777737, 777738, 777739, 777740, 777741, 777742, 777743, 777744, 777745, 777746, 777747, 777748, 777749, 777750, 777751, 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Nc 20, 11, 9(1), 15, 14, 6, 14, 8, 2, 13, 2, 3, 11, 11, 5(1),
 7, P₂, 21, 11, 20(1), 17, P₃, 15, 11, 8(1), 4, 11, 7, 11, 11
 8, 21, B₂, 22, B₂, 22, 17, 14, 19(1), 12, B₁, 14, 11, 5, 11
 Nc 20, 3, 22, 17, 10, 5, 5, 8, 17, 10, 9, 12, 13, 5, 16,
 13, 12, 21, 11, 3, 13, 9, 7, 9, 10, 18, 18, 3, 21, 11, 3, 17, 11, 22,
 16, 16, 17, 17, 6,
 No 15, B₃, 4, 20, B₃, 3, 16, P₂, 3, 18, B₃, 2, 19, 11, 6, 11
 No 15, 17, 8, 16, 20, 22, 3, 5, 11, 6, 5, 11, 11
 Nc 15, 7, 14, 10, 15, 20, 19, 16, 7, 15, 14, 12, 13, 14,
 20, 12, 18,
 No 21, M+4(1), 24, M+12(1), 25, M+10(1),
 13, M+3(1), 21, M+20(1), 11, 11, 11

Chimarrionellas in pool net surveyed

Patch AB 932 - 932A - 2101 = 29 (all)
 NC 8, 14, 7, 8, 13, 10, 8, 21 (all)
 No 10, 10, 11, 14, 15, 13, 18, 9, 15, 15, 17
 NC 7, 8, 1, 7, 11+3, 11, Pg 2, 15, 16, 17, 18, 19
 No 13, 7, 13 (all), 13, 18, 5, 11, 7, 11+3, 15, Bg 3, 15, 17+10,
 17, M+10 (all), +, 1, 3, 1, 5, 6, 4

Patch AD 9, 6, 2 - 10, 01, 1, 01 (all) - 1, 01 (all) - 1, 01 (all)

NC 11, 10, 7, 11, 11, 18, 16, 11, 7, 9, 10, 15, 8, 6, 12, 9, 8, 10, 4,
 NC 17, Pg 2, 14, M+7
 No 16, 7, 12, 14, 15, 10, 16, 18, 16, 18, 15, 18, 17, 12, 6,
 10, 1+7+1, 18, Bg 3, 12, 12, 18, 17+22 (all) same
 NC 12, 20, 14, 9, 15, 7, 11, 16, 1, + NC 18+17+22
 13, 12, 13, 5, 1

No 7+15 (all), 18+18,
 10 cases → No

Padd AE - 10.02 + 10071 (8-10-85) 36
No 15, 17, 16, 18, 14, 11, 17, 1, 15, 23, 15, 20
No 8, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21
No 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30
No 18, 23, 24, 25, 26, 27, 28, 29, 30, 31

Path BC 5/10/08 & 10/4/08
No 15, 20, 16, 17, 6, 13, 15, 16,
No 18, 19, 17, 21, 5, 31, 31, 5, 21, 01
N=6, 10,

~~Patch BD~~ 10.14 - 1018:1M
Nola B1,
No 19, 18,
No 22.

Patch BE 1018 - 10/20 - SEP 2A 100%
NO 15, 13, 101 181, 2, 5 1, 2 300

David BE "10, 10-10, 295, M-
No. 11 (5, 16, 19, ~16, 13, 18, 15, 16, ~7, 18, 12, 6, 10, 16,
No. 7, ~10, 17
No. 7, ~10, 10, 17

~~2/28/14, Redondo~~ → 3/13/14 (1)
Int. Type, Gulf Flora
Yachats River path area Barrocks
breaching, large waves

Spotted, finger print gift
classmate

Anecdotal observations 6:20 - 6:50 am

No 13, 14, 19, 16B₃S, 16B₃S, 21B₃S, 15B₃S, 16B₃,
16B₃, 18B₃S, 16B₃S, 16B₃S, 14B₃S, 16B₃S, 13B₃S,
No 17, 13, 15, 16, 14, 10, 16, 15, 9, 17, 14, 15, 16, 13, 17, 17,
17, 15, 19, 20, 15, 17, 20,
No 15B₃S, 16B₃S, 17B₃S, 16B₃S, 14B₃S, 16B₃S,
15B₃S, 16B₃S, 15B₃S, 15B₃S,

~~23~~
23 + 23
~~- 46~~

Path 4 7:30 - 8:30

split w/ Isaac
Lyle & John

NC 14, 14, 16, ~12, ~18 ~10 ~10, N12 #22, 20,
~23 (3 eggs) 12, (4 eggs) 22, 15, 24, (4 eggs) 15,
22, ~10, 20, (7 eggs) 26, 14, 21, 21, (5 eggs) 24,
NC ~18, 18, 15, (2 eggs) 19, 15, (8 eggs) 15, 19, 13,
13, 9, 15, 11, 16, 13, 15, 20, 15, 14, 13, 12, (4 eggs) 16,
NC 14, 23, NC 19, 20,

No 19 M+6, 158, 1, 127+25, 128+3, 150+28,
No 14, 19 x10, x12, x13, x18, x12, x14, x17, x16, 6;
17, 14, 15, 14, 17, 16, 16, 13, 12, 13, 11, 12, 13, 14, 3, 11,
15, 12, 18, 12, 12, 17, 16, 19, 18, -16, 16, 10, 12, 2,

No. 22 Aug 3, 16 8, 3
130 3, 15, 15, 15, 17, (6/18), 15,

314

~~4/29/14~~ Yachats Bridge Exported Patches
Cloudy sky moderate swell
Whale quarter survey 5am - 7:30am
Quad photographs 7:30am

5/11/14 Yachats Bridge Export Latches
Sunny Clear sky, low swell, warm breeze
Dashed D, start 5:42 = 5:53
NO 14/16, 17/17,
NO 16/17/12, 13/14/10,
NO 17/18/19/20/21, 14/17/18/20/21,
NO 14, 19, 13, 19, 12,

Path F - S163-6:07

No 13, 15, 17, 16, 16, 17, 15, 15, 16, 16, 15, 19, 16, 15, 15, 13, 17
No 15 Bg 3, 16 m + b, 13, 13, 15, 14, 14, 15, 17, 12, 14, 13
13, 8, 4

and EC-602-692

10Cr 2, 10B₃, 13B₃, 13B₃, 17B₆, 10Cr 1

No 14, 31, 11, 9, 12, 33, 73, 10, 15, 15, 13, 13, 16, 13, 16, 14, 14

No 1422, 446, 158a, 3, 138g, 4, 168g, 3, 13n-4, 10

Ac 16 E 4, 0.51 cm

No. 3, pg. 17, 13, P. 1

~~100-16143~~ 100-16143

141 AF 6:22-7:05

NO. 13, 13, 16, P6, 13, 13, 15, 12, 12, 14, 12, 13, 17, 15, 14, 61

No 13 Ba₁, 13 Ba₁, 12 Ba₁, 9 Ba₁, 15Ba₂, 15Ba₁, 16Ba₁

16 Aug, 18 mi + 4 mi, 16 mi + 14 mi, 16 mi + 15 mi + 2 sides

NC 12/15 120-11744, B2, 18B32, 13B32, 19B33.

130 16, 13, 15, 14, 12, 6, 16, 17, 13, 14, 15, 13, 12, 16,

No 8, 10, 12, 11, 7, 21, 13,

No 17, 11, 6, 12, 10 02 n+02, 15n14, 21, 12B₃,

No 14, 16, 16, 11, 14, 13, 7, 10, 13, 8, 9, 12, 13, 16, 6,
12, 13, 16, 10, 13, 14, 13, 11, 9, 10, 11, (20000)

13, 15, 13, 7, 15, 14, 13, 13, 16, 12, 12, 12, 12, 11, 14, 15, 16,
No 11 B₃, 15n+2, 15n+1, 11B₃, 14, 12B₃, 2, 16B₃, 6,
14n+2, 2, 16B₃,

No 15, 6, 12, 10, 10, 13, 12, 12, 13, 14, 14, 17, 16, 12, 5,
13, 16, 11, 16, 13, 14, 16, 16, 16,

Patch A/B Start 7:06 - 7:52

No 11, 14, 17, 13, 18, 18, 13, 14, 8, 14, 12, 14, 9, 14, 14, 19, 17,
12, 7, 13, 12, 13, 6, 14, 14, 13, 13, 15, 15, 16, 13, 15, 15, 14,
14, 14, 14, 8, 13, 15, 15, 14, 7, 14, 15, 12, 11, 15, 13, 13,

No 14n+5, 21, 15B₃, 10, 10, acm (10000), 10, 10, 10, 10, 10

No 17, 8, 9, 12, 10, 9, 16, 9, 12, 16, 14, 14, 9, 8, 8, 9, 9, 9, 9

No 9B₃, 11B₃, 12, 11, 10, 11, 17n+10, 22n+8, 11, 16, 3,

No 15n+7, 12n+5, 14n+10, 14B₃, 9n+6, 15n+11, 15n+8,
11B₃, No 13 n+16, 1, 2, 11, 5, 2, 12B₃, 12n+4, 13n+2,
15n+2, 16n+8, 11B₃, 13n+9, 11B₃, 2, 14n+3, 13n+6, 1,

No 22n+14, 11, 22n+16, 1, 12n+4,

[* Same muscle, both 10 and No Scaling out!]

No 14, 15, 16, 12, 15, 13, 10, 13, 15, 15, 14, 12, 12, 17, 13, 9, 12,
13, 11, 16, 14, 12, 13, 14, 16, 15, 14, 13, 12, 5, 10, 13, 14,

No 15n+12, 11B₃, 12B₃, 2, 13n+6, 12B₃, 13B₃,

13B₃, 12B₃, 12B₃, 13, 11, 16, 13, 15n+7, 15B₃,

No 16, 14, 12, 15, 14, 13, 13, 12, 14, 13, 12, 13, 13, 13, 13, 18,
7, 18,

Patch G 7:57 - 8:00

No 14, 16, 14, 16, 13, 18, 13, 13, 14, 14, 12, 15, 13, 17, 12, 10, 16

13, 13, 12, 13, 13, 15, 13, 13, 11, 15, 18, 15, 14, 20, 14, 13, 14

13, 14, 10, 20, 13, 16, 18, 12, 14, 13, 15, 10, 16, 15, 13, 5, 14,
13, 12, 14, 9, 14, 11, 13, 14, 14, 16, 14, 17, 13, 15, 13, 17, 13

No 16n+5, 15n+9, 12n+6, 15n+9, 14n+1, 15n+7, 15n+9, 14n+11,
16B₃, 14n+5, 14B₃, 1, 15n+7, 2, 14, 17, 19, 14n+12, 12n+4

13n+2, 15n+6, 18n+3, 14n+12, 13n+15, 8n+1, 15n+11,
No 7, 5, 6, 9, 7, 9, 10, 9, 6, 12, 8, 16, 18, 16, 15, 7,
10, 9, 14, 16, 9,

No 9B₃, 23n+2, 14, 12n+8, 11B₃, 9B₃, 13B₃,
15n+8, 18n+4, 11, 16B₃,

No 13, 12, 9, 13, 11, 15, 8, 15, 15, 15, 15, 8, 10, 16, 10, 16,
15, 17, 15, 13, 11, 15, 13, 14, 15, 13, 13, 13, 12, 15, 14,

15, 11, 16, 13, 19, 13, 13, 16, 9, 11, 13, 12, 13, 15, 13, 14, 13,
14, 11, 18, 12, 14, 13, 14, 17, 13, 17, 15, 15, 15, 15, 15, 15

No 12n+16, 6, 14, 15n+9, 17B₃, 16B₃, 8, 2, 17n+6,
15n+9, 18n+9, 14B₃, 11n+5, 15n+4, 14n+12,
15n+11, 13n+15, 11, 16n+6, 11, 17n+13, 17n+12

No 13n+5, 14, 10, 13, 15, 14, 13, 13, 13, 13, 16, 11, 14, 20, 8,
14, 15, 17, 14, 13, 15, 11, 15, 14, 15, 15, 15, 15, 15, 16, 15,

17, 15, 15, 17, 13, 10, 14,

Patch E 9:02 - 9:45

No 12, 13, 21, 18, 12, 11, 18, 14, 15n+12, 12, 16, 15, 7, 17

No 15n+7, 11B₃,

No 14,

No 11, 13, 16, 19, 14, 15, 14, 14, 16, 22, 15, 14, 16, 16, 16, 17,
14, 14, 13, 13, 11, 13, 10, 12, 13, 19, 20, 13, 20, 13, 20, 13, 20,
14, 14, 12, 18, 20, 20, 18, 20, 19, 19, 18, 17, 17, 17, 17, 17, 17, 17, 17,

No 17n+11, 16B₃, 15n+14, 16n+14, 18n+6, 11,
No 19, 2, 16, 13, 12, 17, 16, 13, 13, 16, 12, 14,

Nsc 14, 15, ~~7~~, 2, 10, 9, 8, 14, 12, 9, 13, 15,
Nsc 17 ~~Ba~~₃, 11 ~~Ba~~₃,

No 7. 19, 52, 15 (2 esp), 16, 20, 12, 13 (2 esp)
 20, 19, 12, 15, 15, 11, 12, 16, 19 (2 esp), 15, 13, 14,
 11, 18, 14, 17, 16, 17, 15, 15, 14, 19, 17, 15, 17, 18
 No 7 Ba, 3, 17 Ba, 3, 17 Ba, 2, 2 SRg, 3, 12 Hg, 8,
 16 Ba, 2-18 Hg, 13, 14 Ba, 3, 20 Ba, 3, 15 Ba, 4, 9 HHg,
 No 7, 19, 16, 15, 16, 20, 21, 17, 18, 12, 9, 15, 20, 16,
 13, 16, 8, 18, 15, 11, 15, 14, 11, 14, 16, 17, 13, 14, 15, 12, 14,
 No 16 Hg, 8 d.u., 16 Hg, 12 esp,
 No 15, 15

Patch AF Set 9:48 - 10:12
No 5, 4, 9, 10, 8, 13, 16, 18, 14, 16, 17, 15, 16, 17, 16, 17, 15, 16, 17, 18, 15, 17, 21, 19, 18, 19, 15, 18, 12, 15, 16, 17, 13, 15, 15, 13, 17, 18, 10, 15, 15, 18, 17, 19, 17, 13, 14, 12, 15, 12, 17, 16, 12, 15, 13, 12, 15, 16, 13, 12, 14, 16, 19, 12, 19, 15, 10, 11, 10, 16, 9, 15, 11, 12, 16, 17, 10, 19, 13, 15, 18, No 8, 5, 12, 9, 14, 15, 20, 17, 13, 10, 20
No 9 Box 1
21

No 15849, 17 Pg 3, 19 Pg 3,

Path BB Start 10:16 - 10:34
No 18, 15, 17, 12, 13, 15, 16, 18, 15, 11, 17, 13, 13, 11, 17,
16, 14, 17, 12, 13, 10, 10, 11, 12, 13, 17, 19, 18, 15, 13,
No 15, 14, 6, 18 B₃, 17 B₃, 16 B₃, 15 B₃, 16 B₃,
No 3, 22, 13,
No 17, 17, 12, 19, 18, 14 N, 18, 18, 18, 17, 15, 18

BF, BD, BC, MGS AG, AB

10, 14, 11, 13, 10, 9, 12, 17, 18, 16, 15, 17, 16,

Patch BE 10:35-10:48

No 17. II. 17. 14, 11, 15, 15, 14, 11, 15, 12, 13, 9, 16, 12, 14, 14,
 17, 13, 15, 12, 14, 12, 11, 12, 16, 13, 13, 13, 16, 12, 15,
 12, 12, 16, 15, 13, 15, 16, 15, 16, 13, 15, 13, 17, 17, 13, 16, 13,
 No 14 Bg₄, 14 Bg₃, 17 Bg₃, 16 Bg₄, 16 Bg₄, 12 Bg₂,
 13 Bg₄,

NC 9,
10, 12, 14, 10, 15, 16, 15, 15, 17, 16, 13, 17, 13, F2, 15, 17

5/3/14 Overcast, strong wind, moderate swells
Patch A5 East 6:59 = T:43

No 17, 7, 12, 9, 9, 21, 17, 13, 15, 14, 17, 15, 15, 19, 18,
9, 7, 11, 2, 16, 9, 12, 15, 16, 17, 18, 17, 17, 15, 14,
17, 14, 12, 17, 12, 8, 16, 16, 8, 13, 18, 15, 13, 18, 19,
Nell, 7, 9, 13, 14, 15, 14, 11, 17, 11, 15, 11, 12, 10, 15,

No 13, 14, 17, 17 (8 eggs), 16, 11, 9, 9, 8, 17, 14, 18,
No 10 m 2, 15 f 3, 11 e 4, 9 g 3, 12 h 2, 11 i 2,
11 j 3, 16 k 2, 13 l 2, 8 m 4

Ne 17 flag 3, 14/7/13 215 " 1

No 18 16, 12, 17, 8, 9, 18, 17, 13, 11, 10, 7, 15, 13,
12, 16, 13, 17, 9, 18, 10, 16,
No 7, 12, 13, 11, 12, 10, 10,

Lab BC 7144-821

No 17Ba₃, 16Ba₄, 13Ca₂, 9Ca₁ and all,
17Ba₁, 15Ba₂, 15Ba₃, 12Ba₃, 14Ba₂.

10, 16, 19, 18, 15, 18, 16, 12, 9, 15, 12, 14, 13, 15, 10,
18, 16, 17, 15, 16, 16, 17, 17, 18, 16, 15, 15, 14, 17, 17, 15,

N.C. (9, 11, 13, 13,
 No. 6, 12, 13, 17, 18, 19, 12, 13, 15, 18, 15, 18, 16, 16, 18,
 14, 18, 15, 13, 18, 13, 17, 16, 14, 16, 13, 15, 13, 16, 18, 15,
 17, 18, 10, 16, 17, 17, 15, 12, 13, 12, 18, 11, 18, 16, 13, 16,
 10, 12, 13, 13, 16, 13, 14, 15, 15, 15, 9, 15, 14, 12, 12,
 No. 14, 12, 13, 13, 14, 13, 12, 15, Bg, 3, 16, Bg, 3, 15, Bg, 4, 15, Bg, 3,
 16, Bg, 3, 15, Bg, 3, 11, Bg, 3, 12, Bg, 4,
 No. 6, 10, 16, Bg, 15, 12, 17, 9, 16, 13, 16, 13, 13, 10, 13,
 12, 12, 16, 15, 14, 17, 15, 16, 16

Patel SF Sheet 822-4311

No 16 O_3 , 14 Ba_3 , 15 Ba_3 , 16 Ba_4 , 13 Mn_4 ,
 15 Ba_3 , 9 Mn_2Mn , 12 Ba_3 , 8 Ba_3 , 10 Ba_3 ,
 12 Mn_2Mn , 17 Mn_2Mn , 14 Ba_3 , 12 Ba_3 , 20 Mn_2Mn ,
 15 Ba_3 , 16, 10, 14, 15, 18, 16, 13, 12, 9, 12, 8, 11, 10, 12, 8, 13,
 15, 14, 12, 14, 9, 10, 17, 13, 14, 12, 18, 14, 12, 13, 7, 15, 8, 13,
 16, 9, 12, 3, 11, 8, 9, 10, 14,

Not, 13, 14, 15, 16, 17, 18, 19, 20, 15, 16, 17,
14, 15, 16, 17, 18, 19, 20, 15, 16, 17, 18, 19, 20,
16, 17, 18, 19, 20, 15, 16, 17, 18, 19, 20, 15, 16, 17,
15, 16, 17, 18, 19, 20, 15, 16, 17, 18, 19, 20, 15, 16, 17,

Patd C skt 9:26-10:23

№ 12, 10, 12, 16, 12, 16, 22, 11, 20, 18, 14, 20,
 10, 19, 17, 12, 23, 12, 15, 19, 15, 12, 20, 3, 16, 16, 17
 18, 15, 12, 16, 15, 21, 18, 17, 20, 18, 21, 15, 16
 21, 14, 13, 15, 16, 16, 17, 19, 16, 17, 16, 17, 14, 15, 15
 16, 18, 15, 12, 16, 19, 15, 12, 16, 15, 18, 17, 11
 17, 17, 17, 16, 14, 16, 16, 18, 17, 13, 15, 16, 13, 15, 17
 № 10, 9, 8, 13, 14, 13, 15, 10, 8, 9, 16, 8, 12, 16, 12, 8
 18, 12, 13, 15, 16, 9, 9, 13, 17, 16, 11, 7, 13, 15, 14, 9,
 13, 7, 20, 14, 10, 13, 15, 17, 16, 16, 19, 14, 16, 17, 16, 18, 16
 # 16, 11, 6, 14, 15, 17, 10, 10, 13, 17, 13, 20, 12, 16, 16, 16
 № 12 B₃, 16 n+21 d14, 12 n+21 d11, 15 B₃, 3
 # D₃, 16 B₂, 15 n+24 d11, 16 n+14 d11, 15 n+13 d
 16 B₂, 13 B₂, 16 B₂, 16 B₂, 16 B₂, 23 n+12 e11, 20 n
 № 19 B₄, 17 B₄, 16 B₂, 15 B₃, 16 B₃, 18 n+11
 14 B₂, 16 B₂, 16 B₂, 19 n+18, 17 B₃, 15 n+11,
 18 n+8, 12 B₂, 18 B₃, 17 B₃, 15 n+11

NC(3, 4, 12, 13, 1360000), 16, 16, 13, 11, 16, 14, 16,
 17, 15, 16, 20, 21, 13, 7, 6, 4, 9, 10, 20, 21, 7, 18, 21
 8, 5, 9, 11,
 NC(5B₃, 16B₄, 19B₃, 19H+8dL, 14B₃, 15B₂
 14H+2dL, 10B₃, 12B₃, 17B₃, 16B₂, 17H
 8B₄)

Patch R → Kite (Chestnut) Copicolor brown 35% comp

Nos: 14, 11, 10, 10, 14, 10, 20, 9, 15, 21, 13, 13, 15, 17, 20, 14, 16, 16,
 16, 21, 16, 19, 15, 18, Nos: 8, 9, 12, 10, 13, 21, 18, 18, 16, 19, 19, 22,
 20, 19, 18, 12, 15, 13, 14, 11, 20, 12, 20, 11, 13, 15, 16, 19, 18, 17, 18, 15, 8,
 8, 12, 18, 22, 13, 24, 18, 16, 24, 15, 18, 16, 25, 18, 16, 17, 18, 14, 22
 No. 20M411, 13B₃4, 14B₃3, 16M413, 11B₃3, NC 21M413, 10B₃3,
 20B₃4, 20B₃3, 13B₃4, 11M47, 9B₃3, 16B₃4, 20B₃4, 20B₃4, 13B₃
 19B₃3, 17B₃3, 14B₃4, 16B₃3, 12B₃3, 21M419, 21B₃4, 21B₃3, 14B₃
 3, 16B₃3, 21B₃3, 21M414, 16B₃4, 16B₃4, 15B₃3, 17M48, 18B₃3

(80% done)
Patch A 10/23 - 10/45 (in progress)
No 21, 13, 14, 22, 4, 17, 15, 14, 16, 17, 18 (2 days)
13, 13, 13, 13, 10, 9, 22, 13, 12, 14, 3, 7, 14, 14
No 16 Bg3, 18 Bg3, 10 Bg3 side 18 Bg3, 3, 24 n+10 day
No 23 n+10 day, 20 n+10 day, 13 Bg2, 24 n+10 day

No 9, 21, 13, 4, 15, 1, 14, 13, 10, 29, -12, -13, -11,
15, 14, 14, 12, 23, 21,

No 13, 14, 8, 9, 18, 17, 17 (2 days) 17, 17, 14, 16,
12, 14, 10, 15, 8, 17, 16, 16, 13, 12, 15, 19, 17, 17,
No 16 Bg3, 19 Bg3,
16, 16,

Patch AD Start 10/46 - 11/08

No 12, 13, 15, 12, 18, 17, 16, 15, 13, 19, 18, 11,
29, 20, 23, 16, 10, 13, 15, 16, 16, 18, 14, 15, 11, 12
20, 5, 8, 10, 11, 12, 17, 13, 15, 13, 9, 7, 14, 18,
3, 18, 24, 13, 17, 12, 18, 15, 16, 13, 16, 17, 17,
No 9, 15, 11, 18, 16, 14, 23, 13, 13, 12, 8, 2, 18, 31,
12, 9, 15, 3, 11, 20, 9, 18, 3, 5, 3, 6, 18, 17, 17,
16, 17, 14,

No 10 n+5, 17 n+16, 15 Bg3 side, 18 n+3,
13 Bg2, 16 Bg2

No 13 Bg2, 20 n+21 Bg3, 16 Bg3

No 13 (2 days) 17, 19, 15, 6, 13, 15, 15, 16, 18, 12,
18

(30% complete)

Patch BD 11/08 - 11/19

No 17, 19, 18, 13, 16, 17, 13, 17, 19, 17,
12, 17, 14, 13, 13,

No 21, 7, 13,

No 15 Bg2, 18 n+3,

(90% completed)

5/7/14 YB Natural Bridge 4:00 - 8:30
Clear sky, moderate swell
Experimental Patches - wheel counts + photographs
Pisaster Spawning 0% ad ♀

5/20/14 YB Natural Bridge 4:20 - 5:12
Overcast, moderate swell

Patch BC Start 4:25

No 16 Bg3, 19 Bg3, 16 Bg2, 16 n+12 day, 12 Bg3, 13 Bg3,
16 Bg3, 15 n+14 day, 19 Bg3, 16 Bg3, 16 Bg3, 10 Bg3, 11 Bg3,
8 Bg2, 14 Bg3, 13+20 Bg3, 4, 11 Ch2, 7 Ch1, 17 n+12,
No 8, 12, 11, 15, 13, 18, 15, 13, 20, 15, 13, 17, 9, 14, 16, 14, 14, 11, 10, 11,
12, 14, 13, 8, 7, 13, 12, 15, 16, 18, 12, 15, 14, 16, 13, 11, 19, 11, 8,
13, 13, 13, 15, 18, 11, 14, 13, 16, 15, 14, 15, 3, 12, 17,
13, 13, 11, 15, 17, 19, 2, 20, 16, 16, 17, 13, 11, 13, 9, 10,
15, 9, 9, 13, 15, 14, 13, 14, 14, 14, 16, 11, 10, 13,
19, 16, 10, 14, 10, 15, 12, 12, 9, 11, 12, 16, 14, 11, 12, 16, 15, 14, 11,
10, 11, 12, 16, 13, 14, 13, 14, 13, 12, 13, 17, 11, 15, 14, 13,
12, 13, 16, 12, 19, 17, 15, 17, 13, 16, 12, 8, 14, 19, 13,
No 15 Bg3, 12 Bg2, 14 Bg2 side 16 Bg3 side 15 Bg3, 13 Bg3,
12, 10 n+5, 19 n+10 day, 14 Bg3 side, 19 Bg3 side, 18 Bg3, 15 n+13
12 n+3 day,

~ 60% complete

Rate in m/s

Patil BF Start 5/14 - 6:12

Part B
Nc 8Bx1, 971+4440
No 14n+6, 75A76d0, 15Bx1, 16Bx3, 13C61, 10.5t9
N 114.8t, 13n+7d0, 8Cn+8d0, 13Bx4d0, 12Bx5t10d0, 11Bx5d0, 14n+10d0, 12Bx3, 11Bx2, 12T1F7, 16Bx3,
Nc 13, 13, 15, 13, 10, 14, 13, 11, 8, 9, 8
N 3 10, 8, 8, 12, 15, 19, 9, 13, 12, 10, 7, 6, 13, 12, 14, 13, 9, 8,
18, 9, 15, 10, 12, 14, 16, 11, 11, 15, 16, 13, 16, 8, 14, 15, 10,
14, 15, 10, 14, 16, 13, 14, 10, 9, 13, 12, 15, 13, 10, 12, 9, 12, 10,
15, 9, 10, 15, 11, 14, 12, 13, 14, 15, 16, 11, 12 (100%), 16, 9, 9,
13, 10, 15, 10, 10, 11, 12, 7, 14, 14, 17, 13, 18, 14, 16, 12, 16,
12, 11, 16, 10 (60%), 11, 16, 13, 11, 13, 23, 14, 15, 12, 11, 13, 18
0, 1, 3, 12, 14, 10, 8, 15, 16, 14, 12, 12, 15, 13, 4, 10, 25, 12, 5
No 13Bx4, 12C61, 13Bx3, 12S145d0, 13S113,
2T1F4, 13Bx3, 10n+9d0,
No 15, 15, 13, 17, 12, 15, 13, 13, 9, 12, 10, 14, 16, 17, 17, 17, 12, 16,
15, 16, 14, 10, 13, 12, 14, 16, 14, 15, 12, 14, 9, 13, 16, 14, 10,
16, 13, 15, 9, 13, 14, 15, 16, 9, 15, 16, 14, 13, 9, 16, 16,

PetlBE Sub 613-6429

No 16, 16, 12, 13, 14/10, 11, 13, 17, 11/10, 13, M, 9, 15, 15/10,
 15, 12, 13, 12, 9, 16, 15, 15, 17, 16, 15, 13, 11/10, 13, 13, 15,
 15, 12, 14, 14, 16, 14, 15, 13, 14, 13, 12, 13, 13, 16, 13, 14, 10
 No 12 m 2, 7, 8, 14, 14, 8/14, 14 B₂g₅, 14 B₂g₃, 15 B₂g₂,
 16 F₂g₃,

Falch A Startb127-710m

No 14, 14, 15, 16, 18, 20, 27, 28, 13, 16, 18, 17, 19, 12, 13, 14,
 13, 18, 16, 18, 7, 16, 16, 11, 15, 16, 12 (3 eggs) 17, 14, 16, 13, 17, 18,
 10, 15, 18, 16, 18, 12, 18, 18, 17 (2 sex), 9, 12, 14, 13,
 No 17 Bg 3, 15 Bg 3, 14, 18 Bg 3, 18 Bg 3, 11 Bg 2,
 13 Bg 2, 14 Bg 3,
 NC 10, 22, 18, 17, 19, 20, 23, 21, 16, 19, 13, 12, 16, 10, 16
 No 18, 15, 14, 18, 12, 19, (23 eggs) 14, 12, 16, 15, 13, 15, 18
 NC 15 Bg 4, 12 Bg 2, 18 Bg 2,
 No 13, 13, 14, 17 (3 eggs) 7, 13, 13, 7, 17, 12, 15, 18, 13,
 13, 17, 15, 12, 18, 15, 16, 20, 14, 16, 18, 17, 12, 19, 13, 16, 20,
 16, 12, 14, 16, 16, 15, 16, 15, 15, 21, 14, 19, 13, 15, 16, 14, 14, 16,
 (3 eggs), 13, 15, 15, 13, 14, 17, 16, 16, 16, 13, 14, 8, 16, 16, 15, 17,
 17, 16, 17, 17, 18 (2 sex), 17, 18, 15, 17, (43 eggs) 12, 14, 11
 No 13

50% completed

Batch C shot 7:10 - 8:00

130, 14, 6, 11, 10, 16, 16, 19, 17, 10, 16, 12, 13, 16, 12, 14, 18, 15,
 6, 17, 12, 16, 13, 17 (12 Bggs), 12, 17, 13, 16, (18 Bggs), 15
 21, 17, 13, 16, 17, 18, 15, 18, 16, 16, 14, 16, 16, 13, 19, 20, 18,
 8, 14, 16, 15, 14, 13, 20, 14 (Beggs), 13, 16, 13, 18, 21 (100 Bggs),
 19, 17, 16, 13, 17, 19, 16, 13, 19, 17, 16, 13, 16, 14, 14, 17, 18,
 14, 10, 15, 17, 15, 15, 17, 16, 16, 16, 16, 20, 19, 17, 12, 16 (30 Bggs),
 No. 11 Bg, 2, 12 Bg, 2, 19 Bg, 3, 14 Bg, 3, 15 Bg, 1.
 13 Bg, 4, 15 Bg, 2, 15 Bg, 2, 17 Bg, 2, 17 Bg, 2, 17 Bg, 3,

NE 13, 14, 11, 12, 14, 18, 15, 10, 13, 17, 11, 12, 14, 13, 14, 17, 16, 12, 18, 16, (25 exs.) 12, 14, 18, 9, 18, 16, 12, 16, 15, 13, 6, 13, NE 15, 8, 3, 17, 11, 10, d11, 20, 17, 11, d11, 17, 11, 14, 16, 11, NE 18, 15, 18, 9, 18, 15, 12, 1

No 15, 16, 10, 14, 18, 15, 12, 16, 21, 16, 16, 12, 12, 15,
12, 19, 16, 17, 16, 18, 17, 16, 10, 23, 15, 14, 7, 16, 14, 17, 18
No 16 8g3, 16B~~g~~3,
No 5, 8, 8, 10, 16, 16, 12, 13, 15, 13, 18, 16, 15, 16, 17, 18, 15,
No 17 11+7 200,
No 16, 15, 15, 15, 17, 16 (11 29g3) 16, 50% complete

Patch E Start 8/10 - 8:52

No 17, 8, 15, 10, 17, 13, 12, 11, 15, 16, 16, 14, 13, 10, 16, 12, 17, 17,
16, 15, 11, 7, 9, 12, 8, 17, 16, 15, 17, 14, 15, 10, 14, 14, 10, 12, 15,
10, 15, 12, 7, 12, 14, 18, 15 (29g3) 15, 13, 11, 11, 10, 12, 16, 8, 12, 19,
19, 17, 8, 22, 16, 17, 18, 12, 16, 9, 17, 18, 8, 15, 16, 13, 13, 12,
19, 16, 14, 15, 16, 17, 16, 12, 11, 6, 16, 17, 16, 16, 11, 12, 15, 13, 10, 11,
No 19, 13, 18, 8, 14, 11, 11, 8, 13, 10, 10, 8, 14, 12, 6, 12, 14, 10,
15, 18 (6 29g3) 16, 13, 13, 14, 15, 9, 12, 14, 15, 10,
No 10B~~g~~1, 16B~~g~~2, 12B~~g~~2, 200 11+7 200, 11B~~g~~3, 16 11+7 200,
16B~~g~~3,
No 14B~~g~~2, 9 11+18 200,
No 13, 13, 16, 15, 16, 11, 8, 8, 13, 15, 17, 16, 17, 10, 12, 14,
11, 19, 13, 15, 13, 15, 14, 16, 13, 14, 14, 16, 15, 16, 15, 15 (3 29g3)
(2 29g3) 17, 17, 15, 15, 12, 16, 10, 16, 16, 16, 16, 15, 15, 20,
18, 13, 10, 17, 14, 16, 10, 17, 16, 18, 12, 10, 14
50% complete

Patch F Start 8/10 - 9:34

No 10, 13, 16, 12, 13, 12, 11, 8, 11, 12, 16, 12, 12, 13, 11, 18, 8g3,
13, 11, 13, 13, 15, 13, 9, 9, 6, 17, 15, 15, 16, 17, 17, 13, 13,
No 13 11+2 200, 15B~~g~~2, 12C~~h~~1, 14B~~g~~2, 10B~~g~~1,
No 20, 18, 9, 7, 11, 8, 11, 12, 13, 11, 18, 15, 9, 14, 13, 7, 4, 7,
(1, 14, 12, 10, 13, 11, 14, 11, 15, 21, 13, 11,
No 13 11+7 200,

No 8, 14, 16, 13, 17, 20, 15, 16, 15, 11, 15, 12, 11, 9, 14, 16, 13, 13,
8, 15, 16, 15, 13, 12, 13, 12, 13, 17, 18, 13, 15, 14, 13, 2, 1,
11, 11, 11, 17, 16, 14, 14, 12, 15, 15, 12, 13, 17, 13, 13, 16, 7, 9, 11,
No 5, 13, 21, 15, 15, 14, 20, 16, 15, 22, 13, 11, 11, 7, 10, 21,
17, 17, 12, 22, 13, 21, 13, 13, 8, 10, 15, 13, 11, 15, 17, 18,
No 18 11+15 200, 14 11+21 200, 20B~~g~~1, 16 11+14 200,
No 14 11+9 200, 14 11+12 200, 11 11+8 200, 16 XBg1, 16B~~g~~1,
No 14, 13, 18, 16, 15, 10, 9, 10, 12, 9, 11, 15, 10 12, 9, 11, 16,
13, 11, 13, 14, 7, 22, 23, 8, 15, 13, 11, 8, 22, 23
No 15, 15, 12, 18, 12, 16, 10, 12, 14, 14, 10, 16, 13, 13, 13, 13, 13,
No 11B~~g~~2, 14B~~g~~3, 15B~~g~~3, 15 11+10 200, 16B~~g~~4,
15E~~g~~3,

Patch D 9:44 - 9:58

No 18, 14, 18, 15, 14, 13, 16, 16, 15, 17, 14, 11, 10, 14, 10, 17,
13, 6, 13, 13, 16, 10, 11, 13, 15, 11, 14,
No 7 11+12 200, 15 11+22 200, 14, 10C~~h~~1, 19 11+3 200,
13 11+2, 17 11+10 200, 9C~~h~~2, 17 11+8 200,
No 12, 14, 17, 11, 15,
No 10 11+10 200, 11 11+11 200.

Patch F 9:58 - 10:15

No 14, 14, 14, 14, 18, 13, 16, 17, 19, 15, 16, 16, 18, 17,
14, 15, 13, 14, 14, 15, 15, 15, 16, 17, 17, 13, 15, 16, 16, 14,
No 19B~~g~~3, 16B~~g~~3, 13 11+2, 19B~~g~~3, 17B~~g~~2, 14B~~g~~2,
17B~~g~~3, 13 11+2, 18A~~h~~2, 16B~~g~~3, 16 11+6 200,
No 16, 13, 15, 15, 17, 19, 17, 14, 16, 18, 16, 13, 19, 18, 13, 13,
15, 15, 14, 14, 17, 16, 15, 18, 10, 15, 16, 14, 15, 12, 16,
No 13B~~g~~2, 18 11+12 200, 18 11+15, 16C~~h~~1, 17 11+10 200

Yesterdays AB & BB SC
5/3/14 YB Bahrol Bridge 80% BT

Finishing up feeding surveys
moderate swell, overcast, cold breeze

Patch AC 5:42 - 6:06

No 6, 14, 10, 9, 12, 13, 11, 17, 13, 10, 15, 10, 13, 12, 7, 12, 11, 15, 14, 10, 12, 13,
11, 10, 9, 8, 7, 11, 13, 12, 8, 7, 12, 7, 13, 12, 13, 20, 12, 11, 9, 8, 9, 14, 13, 13, 13,
13, 10, 16, 7, 3, 9, 13, 14, 9, 12, 10,
No 9, 12, 13, 14, 13, 15, 16, 12, 11, 12, 11, 15, 15, 12, 15, 14, 16, 9,
No 13 108, 3, 15B, 4, 11B, 2, 12, 11, 10, 10, 11, 108, 2,
11B, 2, 15C, 1, 15B, 3, 11M+2dL, 9M+7dL, 14B, 2,

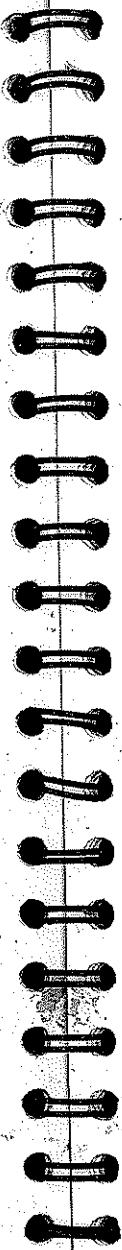
No 9 B, 3, 11B, 3.

Patch AE Start 6:07 - 7:02

No 13, 12, 14, 7, 14, 7, 10, 10, 18, 13, 12, 3, 9, 10, 11, 12, 16, 13, 15,
16, 10, 10, 15, 15, 16, 13, 14, 12, 13, 11, 10, 11, 16, 15, 4, 13, 16, 12, 12, 14, 10,
11, 12, 14, 16, 15, 16, 14, 15, 13, 12, 16, 11, 12, 18, 13, 15, 13, 16, 12, 12, 12,
10, 14, 10, 13, 16, 12, 9, 12, 12, 11, 10, 13, 10, 10, 13, 14, 10, 10, 13, 15, 3,
No 10 B, 2, 10B, 2, 14B, 3, 16B, 3, 13B, 2, 11B, 12, 13B, 14B, 2,
12, 11B, 2, 15B, 2, 10M+4dL, 17M+4, 13M+3, 14B, 2, 13B, 2,
14M+16dL, 15B, 3, 15M+2, 2dL, 16M+7, 1, 15M+9, 15B, 3,
15B, 3, 13B, 2, 10C, 1, 11B, 2, 11B, 4,
No 8, 7, 12, 11, 13, 9, 13, 14, 10, 16, 20, 17, 18, 15, 12, 12, 16, 24, 13,
No 14, 50, 15B, 2, 14, 15, 16, 17, 15, 16, 16, 12, 16, 15, 13, 11,
17, 16, 15, 17, 12, 13, 16, 17, 12, 13, 18, 16, 13, 12, 15, 15, 15, 13, 12,
10, 13, 14, 10, 13, 18, 13, 5, 15, 13, 12, 13, 15, 14, 11, 12, 13, 13, 13, 12,
11, 10, 13, 9, 11, 7, 6, 3, 13, 12, 13, 14, 10, 13B, 2, 15, 13B, 2, 16, 9,
14, 11, 13, 10, 15, 10, 13, 15, 13, 15, 15, 13, 13, 10, 10,
9, 10, 11, 8, 10, 13, 10, 13, 13, 13, 9, 17, 11, 11, 16, 16, 14, 14,
11, 16, 13, 12, 12, 12, 16, 10, 14, 15, 13, 13, 9, 10, 8, 15, 13, 12, 12,
No 11B, 3, 13M+3, 17B, 4, 13M+16dL, 13B, 2,

No 17B, 2, 19M+6dL, 11B, 2,

No 11, 16, 14,



Patch Gi 7:04 - 7:52

No 10, 11, 15, 14, 14, 13, 15, 16, 12, 12, 14, 18, 14, 15, 17, 16, 15,
12, 10, 14, 13, 8, 12, 14, 8, 9, 12, 13, 10, 3, 2, 13, 9, 12, 13, 13, 11,
13, 13, 15, 11, 12, 16, 12, 11, 12, 16, 14, 17, 15B, 2, 12, 16, 15, 12, 12,
11, 15, 11, 13, 13, 14, 14, (Teague), 11, 16, 15, 13, 18, 15, 14, 6, 8,
No 13M+12dL, 16M+6dL, 23M+17dL, 13B, 1, 16M+19,
14B, 2, 17M+16, 13B, 4, 15B, 3, 14M+10, 15M+14, 9B, 1, 11M+3, 12M+20dL,
12M+5dL, 14M+20dL, 14M+9dL, 13M+9, 14M+14dL,
No 8, 10, 12, 14, 5, 9, 20, 18, 17, 20, 13, 17, 13, 18, 16, 6,
14, 15, 11, 14, 16, 11, 12, 10, 6, 16, 15, 5, 13, 5, 15,

No 17M+9dL, 12M+17dL, 18M+12dL,

No 15, 13, 11, 14, 12, 12, 15, 14, 16, 14, 10, 8, 9, 13, 15, 14, 17,
13, 12, 14, 10, 13, 14, 14, 9, 13, 15B, 10B, 2, 13, 12, 14,
13, 13, 14, 16, 13, 13, 14, 15, 16, 11, 16, 12, 14, 15, 17, 14, 16, 15, 13, 12, 13,
18, 15, 14, 16, 11, 14, 10, 15, 13, 5, 15, 15, 16, 16, 15, 13, 13, 15, 13, 12,
14, 13, 15, 13, 12, 15, 10, 15, 14, 13, 16, 12, 15, 7, 7, 17,

25/11 complete

Patch AD Start 7:53 - 8:50

No 20, 17, 13, 17, 15, 16, 16, 19, 21, 14, 18, 21, 16, 14, 14, 15,
16, 9, 10, 9, 9, 10, 17, 13, 3, 16, 6, 20, 8, 14, 17, 15, 14, 1,
8, 7, 10, 15, 12, 20, 16, 19, 11, 17, 15, 12, 14, 18, 10, 8, (Teague),
No 10, 17, 13, 7, 14, 14, 8, 7, 12, 14, 19, 11, 13, 21, 12, 8, 1,
9, 12, 10, 8, 13, 13, 9, 14, 11, 12, 12, 13, 14, 14, 15, 15, 9,
No 16M+12dL, 15B, 2,
No 15B, 2, 18M+11dL, 16B, 3, 9B, 2, 17B, 3, 14M+3,
No 16M+13, 12M+1, 18B, 3, 21M+1,
No 15, 8, 5, 13, 9, 17, 14, 13, 18, 16, 8, 10, 5, 13, 8, 12, 9

No 12, 12, 9, 11 (2 eggs), 78 (Seagull), 16, 16 (6 eggs)
 13, 18, 14, 11, 11, 16, 19 (2), 11, 16, 14, 11, 13, 16, 10, 17, 18, 13,
 13, 10, 20, 16, 16, 7, 14, 11, 16 (2 eggs), 13, 13, 15, 15, 13, 19, 13,
 16, 16, 14, 14, 14, 16 (1 egg), 16, 16, 14, 13, 15, 14, 10, 18, 17, 17, 16
 No 16, 8, 12, 10, 10, 12, 22, 15, 11, 11, 15, 11, 18, 23, 15, 13,
 13, 15, 14, 10, 16, 11, 10,
 No 11 Bg3 side, 22 n+24. e.g. 10 Bg2, 8 Bg2, 15 n+10 all,
 No 16 n+17 edge, 18 n+3, 18 Bg3, 18 Bg3, 15 n+12 all,
 13 Bg2, 17 Bg2, 17 Bg2, 16 Bg2, 20 n+14 edge 19 Bg3
 No 18, 17 (2 eggs) 16, 18, 13, 9, 14, 11, 8, 19, 15, 13, 17, 14, 13,
 13, 18, 17, 13, 18, 16, 15, 14, 15, 20, 12, 15, 17, 15, 11, 14, 16,
 14, 19, 18, 12, 17,
 No 19 n+27 edge, 19 n+3, 18 Bg3,
 No 9 Bg2,
 ~ 30% complete

Patch B Start 8:58 - 9:30
 No 12, 10, 13, 11, 9, 11, 4, 14, 12, 11, 18, 16, 12, 16 (4 eggs) 13,
 14, 12, 13, 12, 15 B, 15, 13, 14, 10, 14, 15, 13, 12, 15, 15,
 16 (2 eggs) 15, 17, 14, 18, 13, 14, 16, 18, 10, 16, 19 (1 egg), 13, 17
 No 15 Bg2, 13 (all), 16 Bg2, 17 Bg3, 1
 No 17 Bg3, 16 Bg3, 20 n+16 (all) 12 Bg3, 19 n+11 all,
 14 n+13 all, 20 n+5, 17 Bg3, 14 n+12 all, 11 Bg3,
 No 10, 12, 9, 8, 9, 4, 11, 10, 19, (2 eggs) 24 (2 eggs) 21, 18, 23,
 18, 12, 10, 18, 16, 17, 14, 18, 17, 19, 18, 13, 17, 18, 9, 16, 14, 20,
 11, 10, 18, 24, 15, 20, 18, 10, 9, 12, 18, 15, 12, 14, 14, 17, 18,
 18, 11, 16, 16, 19, 16, 14, 15, 16, 13, 16, 15, 12, 14, 13, 17, 14,
 16, 12, 14, 12, 7, 22, 11, 13, 15, 16, 12, 16, 15, 17, 22,
 No 21 Bg3, 16 Bg2, 19 Bg2, 22 Bg2, 18 n+16 all
 17 Bg2, 16 Bg3, 15 n+25 all, 15 Bg3

25% complete

Patch A E 9:32 - 10:10, same
 No 12 Bg1, 14 Bg2, 17 n+15 all, 12 n+15 all, 14 Bg3,
 14 Bg3, 12 n+16 (edge) 12 Bg2, 14 Bg4 edge, 11 n+6
 13 n+25 eggs, 17, 15, 17, 18, 12, 17, 16, 14, 17, 12, 16, 12,
 No 15, 12, 8, 11, 10, 8, 10, 10, 12, 12, 14, 13, 10, 13, 11, 16, 15,
 12, 12, 16, 13, 14, 12, 18, 17, 13, 17, 18, 12, 16, 13, 15, 13, 15, 14,
 15, 16, 14, 15, 10, 16, 17, 16, 16, 17, 12, 15, 12, 10, 15, 16, 12, 17, 17,
 No 13, 18, 15, 12, 8, 12,
 No 15, 10, 8, 13, 15, 12, 10, 11, 10, 10, 11, 11, 14, 12,
 13, 16, 14, 13, 12, 18, 13, 14, 13, 16, 15, 14, 11, 16, 14, 12, 12,
 13, 11, 18, 11, 11, 10, 12, 13, 13, 14, 15, 10, 18, 10, 13, 13, 16, 13, 11,
 11, 13, 14, 13, 14, 12, 18, 14, 15, 12, 12, 16, 10, 12, 13, 13, 14,
 12, 16, 13, 11, 14, 11, 10, 20, 14, 16, 13, 17,
 No 13 n+6 edge, 50% complete

Patch A E 10:12 - 11:04
 No 16, 15, 16, 15, 15, 15, 16, 12, 13, 13, 14, 20, 19, 18, 13,
 17, 14, 17, 15, 14, 15, 13, 17, 14, 16, 15, 19, 13, 13, 17, 16,
 12, 16, 13, 15, 12, 10, 12, 11, 17, 12, 14, 19, 17, 14, 16, 13, 13, 11, 13,
 13, 18, 14, 16, 17, 14, 11, 14, 13, 5, 15, 19, 15, 13, 15, 10, 14,
 No 14, 22, 9, 11, 13, 18, 14, 15, 15, 15, 15, 17, 16, 14, 16, 16, 13,
 No 11 n+5 all, 17 n+10 all,
 No 15 Bg3, 18 Bg2, 13 Bg3, 17 Bg3, 15 Bg4, 17 Bg4, 12 Bg3
 11 Bg3, 12 n+10 all, 16 Bg3, 17 Bg4, 17 Bg4, 4 sides, 10 n+11 all,
 14 n+6, 9 n+18 all, 15 n+8 all, 10 n+12 all,
 No 15, 16, 14, 13, 13, 14, 16, 15, 16, 17, 15, 9, 15, 16, 14, 15,
 16, 18, 13, 14, 13, 17, 15, 17, 18, 13, 17, 18, 16, 15, 11, 14, 13, 17,
 No 10, 12,
 No 16, 16, 14, 15, 13, 17, 13, 15, 14, 12,

No 9, 15, 16, 11, 17, 13, 12, 11, 14, 15, 14, 16, 13, 16, 10, 15, 17
No 16, 14, 11, 17, 9, 13, 11, 16, 17, 13, 15, 16, 8, 15, 12, 8, 16, 15,
No 10, 14, 15, 20, 14, 23, 18, 13, 12, 17, 8, 13, 16, 16, 17, 17,

No 17, 16, 14, 11, 11, 12
No 14, 17+13 all, 12+11+13 all, 19+17+17+17+14 all, 20 Bg 3,
No 16 Bg 1, No 7, 17+3, 12+6,

No 9,

No 11

No 17+13 all,

Patch B 11:06 - 11:28

No 17 Bg 4, 17 Bg 4, 18 Bg 4, 8 Ck 2, 17 n+14, 16 Bg 3,
10 Bg 3, 16 Bg 3, 17 n+13, 15 Bg 3, 13 Bg 3,
8 n+8 all, 17 Bg 4, 15 Bg 4, 10 n+10, 18 Bg 2,
13 Bg 5, 13+143 all,

No 19, 12, 15, 17, 13, 12, 10, 9, 16, 16, 13, 15, 13, 15, 17, 18,
13, 15, 16, 27, 19, 14, 17, 15, 15, 15, 17, 10, 18, 12, 14, 16, 16, 10,
16, 12, 13, 15, 18, 14, 18, 13, 15, 15, 16, 16, 16, 11, 10, 13, 18, 15,
11, 15, 13, 16, 13, 18, 17, 14, 14, 14, 13, 6, 11, 10, 14, 13, 13, 15, 18,
16, 12, 19, 15, 14, 16, 12, 19, 12, 11, 20, 11, 17, 10, 16, 16,
n, 12, 10, 12, (17 eggs), 19, 12, 14, 17, 15, 20, 15, 15, 15,
No 10, 7, 11

No 12, 13, 12, 12, 14, 13 25% complete

B 11:28 - 11:31

No 12, 17, 16, 18, 17, 15, 13, 15,

No 15 Bg 3

No 12

3% complete

6/23/14 V8 Experimental Patches Feeding Survey

Fog, moderate swell, low breeze

Patch D start 2:35 - 3:19

No 15, 14, 11, 12, 13, 14, 15, 12, 13, 12, 17, 15, 13, 13, 16, 13, 14, 11,
16, 16, 13, 8, 12, 12, 14, 13, 9, 11, 11, 16, 14, 18, 13, 9, 18, 11, 11,
16, 13, 16, 10, 10, 13, 16, 16, 16, 15, 18, 17, 16, 15, 15, 12, 12, 13, 11,
No 11, 11, 15, 18, 14, 13, 17, 20, 14, 13, 14, 17, 15, 14, 18,

No 10 M+14 all, 9 Bg 1, 12 n+11 all, 15 n+24 all,

No 18 Bg 4, 18 Bg 3, 18 n+10, 13 n+14 all, 17 Bg 4, 16 Bg 4, 14 Bg 3,
11 Bg 2, 18 Bg 3, 14 n+14 13 Bg 4 side, 9 Bg 5 side, 12 n+8 all,
17 Bg 3 side, 17 Bg 3, 9 n+6, 15 Bg 2, 16 n+12, 17 n+13,
12 Ck 1, 18 n+15, 13 n+7, 14 n+18 all, 15 n+11, 12 n+11 all,
19 Bg 4 side, 15 Bg 4 side, 18 n+11, 14 Bg 4, 16 Bg 3, 17 n+10,
15 n+9, 17 n+2, 16 Bg 4, 16 Bg 3, 17 n+7,

Patch F 3:15 - 3:48

No 14 n+15, 14 n+7 12 Bg 4, 20 M+11, 17 n+11,
17 Bg 3, 15 n+8 all, 15 n+14, 19 Bg 4, 15 Bg 3, 15 Bg 4, 15 Bg 2,
14 n+5, 15 Bg 3 side, 18 n+14, 12 Bg 3, 17 Bg 4, 15 n+11,
No 12 M+2, 15 n+12 all,
No 19, 11, 16, 14, 13, 15, 13, 11, 16, 13, 14, 15, 12, 10, 18, 13, 12, 13,
No 14, 13,

No 15, 16, 15, 15, 13, 14, 16, 14, 15, 16, 13, 14, 15, 16, 17 Bg 4,
13 ♀ sex, 14, 15, 14, 15, 13, 17, 16, 14, 18, 10, 16, 10, 7

12, 15, 12, 14, 15, 11, 12, 14, 14, 16, 15, 16, 16, 15, 14, 1

No 16 n+11 all, 15 n+10, 10 n+5, 16 n+10 all, 12 n+10,
16 Bg 4, 14 Bg 4, 14 Bg 3, 9 Bg 2, 14 Bg 4, 14 Bg 4, 15 n+15,
14 Bg 4

No 15, 13, 15, 15, 16, 19, 15, 16, 16, 17, 12, 15, 19, 18

Ryan et al.

~~8/8/66 E 8/8/66 X AB DE AC AB 95~~

Partial A.C. 351-4,20

No 14, 10, 10, 10, 11, 10, 10, 12, 11, 10, 8, 9, 16, 16, 13, 16, 13, 17, 8,
9, 10, 10, 6, 9, 7, 5, 13, 14, 12, 13, 15, 17, 13, 12, 11, 17,
8, 16, 13, 14, 9, 15, 16, 11, 13, 11, 9, 8, 10, 10, 9, 9, 11, 14,
No 13, 14, 12, 7, 12,
No 12, 12, 11, 9, 10, 12, 8, 9, 10, 11, 13, 8, 10, 19, 11, 6, 14, 13, 15,
No 9 C.R. 1, 13 B₂, 1, 12 B₂, 1, 16 B₂, 1, 14 B₂, 2, 9 B₂, 1, 8 C.R.,
2 B₂, 11 M+4, 15 M+4, 16 M+4, 12 B₂, 3, 10 B₂, 3, 8 C.R.,
16 B₂, 4, 14 B₂, 1, 13 B₂, 3, 9 C.R. 1, 10 M+5 d.m., 11 C.R.,
15 B₂, 3, 10 C.R. 2, 13 B₂, 2, 17 B₂, 2, 11 M+3 d.m., 12 B₂, 4,
16 B₂, 3, 9, 8, 16, 8, 10, 12, 13, 17, 12, 13, 11, 15, 12, 12, 17, 14, 15,
No 13, 14, 12, 11, 13, 12, 13, 17, 12, 13, 11, 15, 12, 12, 17, 14, 15,
No 13 M+8 d.m.,
No 13, 15, 14, 12,

Partial S.E. 4:23 - 4,48

No 14, 11, 15, 10, 14, 12, 10, 6, 12, 3, 14, 14, 11, 14, 14, 12,
14, 17, 9, 14, 13, 11, 13, 7, 1, 13, 17, 13, 9, 15, 15, 16, 15, 13,
9, 10, 15, 13, 14, 11, 12, 13, 14, 12, 8, 15, 17, 15, 11, 11, 13, 14, 17,
15, 12, 14, 11, 13, 14, 18, 15, 16, 13, 16, 13, 14, 18, 15, 12, 14,
No 13 M+6, 13 M+3, 9 B₂, 1, 15 M+7, 13 M+2, 11 B₂, 1,
13 M+8 d.m., 13 M+2 d.m., 17 B₂, 2, 13 M+8, 11 M+4,
No 12, 13,
No 18 B₂, 2, 13 B₂, 1, 17 M+4, 11 C.R. 1, 16 B₂, 3, 18 B₂, 3,
18 B₂, 16, 14, 15, 15 M+16 B₂, 13, 15, 15, 15, 16, 15,
No 13 B₂, 4,

Partial R.F. 4:49 - 5:45

No 15 M+16 B₂, 14, 15, 3, 12, 15, 16, 11, 11, 12, 14, 15,
15, 15, 12, 15 M+15 B₂, 12, 16, 14, 16, 15, 17, 15, 14, 16,
No 10 M+3, 15 M+8, 12 B₂, 4, 14 M+9 d.m., 16 B₂, 5,
15 M+14 d.m., 14 M+6, 14 M+7, 6 B₂, 1, 10 M+13,

No 12, 11, 15, 13, 10, 11, 13, 15, 15, 16, 14, 15, 8, 14, 15,
8, 11, 15, 12, 13, 12, 14, 14, 14, 14, 16, 14, 14, 14, 14, 14,
13, 13, 14, 15, 16, 15, 13, 17, 14, 15, 15, 15, 17, 12, 15, 17, 15,
No 11, 14, 9, 11, 13, No 13 M+10 d.m.,
No 15 M+7 d.m., 12 B₂, 3, 17 B₂, 5, 13 M+3,
16 M+12 d.m., 16 M+11, 16 M+15 d.m., 14 M+12, 16 M+12,
16 B₂, 3, 14 M+14 d.m., 14 B₂, 4, 17 M+2, 7 M+12 d.m.,
13 B₂, 3, 15 M+6, 13 B₂, 3, 16 B₂, 3, 14 B₂, 3, 12 B₂,
No 10, 15, 3, 14, 16, 15, 19, 11, 13, 15, 15, 13, 13, 13, 13, 8,
12, 15, 13, 12, 13, 15, 11, 13, 15, 16, 10, 12, 16, 14, 14, 10,
9, 12, 11, 16, 8, 11, 8, 15, 12, 10, 9, 16, 10, 12, 9, 8, 15, 14,
No 10 B₂, 1, 7 B₂, 1, 15 B₂, 4, 11 M+12 d.m., 9 B₂, 19 M+2,
13 B₂, 4, 12 B₂, 3, 13 M+14 d.m., 9 M+8, 11 M+10 d.m.,
16 M+10 d.m., 16 M+2, 14 B₂, 4,
No 17, 13, 16, 11, 13, 13, 11, 14, 13, 14, 15, 16, 14, 16, 14, 15,
12, 12, 9, 15, 15, 12, 13, 16, 16, 10, 13, 12, 19, 13, 12, 19, 13, 11, 15,
15, 11, 16, 19, 13, 20, 10, 7, 10, 16, 15, 12, 18, 17, 11,
10, 14, 14, 11, 13, 15, 13, 13,
~~70% comp~~

Partial A.F. 5:51 - 6:35

No 16, 17, 15, 9, 11, 11, 12, 14, 17, 15, 9, 10, 6, 8, 14,
11, 11, 8, 11, 12, 13, 18, 16, 12, 14, 13, 10, 13, 12, 14, 13, 13,
12, 17, 12, 10, 16, 13, 15, 12, 9, 10, 13, 15, 13, 12, 12, 14, 12,
No 8,
No 14 B₂, 1, 11 B₂, 1, 15 M+5, 14 B₂, 1, 12 B₂, 1, 13 B₂,
16 B₂, 1, 15 B₂, 1, 13 B₂, 1, 13 B₂, 1, 16 B₂, 3, 18 B₂, 3, 13 B₂,
No 11, 12, 10, 16, 8, 15, 15, 13, 16, 15, 12, 13, 15, 18, 15,
9, 12, 17, 16, 13, 11, 16, 13, 16, 12, 11, 16, 15, 9, 13,
No 15 B₂, 3, 13 B₂, 1, 11 B₂, 4, 11 M+5, 16 M+13 d.m.,
15 M+14 d.m., 14 M+6, 14 M+7, 6 B₂, 1, 10 M+4,
9 B₂, 1, 17 M+5,

Retain

~~# Scammon's (Interspec. w)~~

P.L. AD 588400-432

Nc 18, 15, 4, 7, 2, 9, 11, 8, 7, 13, 22, 16, 20, 16, 11, 12
 13, 20, 17, 14, 17, 14, 16, 21, 13, 18, 16, 22, 21, 7, 9, 21, 20,
 15, 18, 16, 13, 18, 13, 16, 15, 18, 14, 13, 17, 18, 18, 15, 14, 14
 No 15, 16, 16, 15, 10, 17, 12, 14, 17, 16, 17, 12, 20, 12, 17, 18,
 14, 20, 22, 14, 16, 19, 18, 15, 17, 14, 14, 15, 17, 17, 19,
 14, 16, 15, 12, 20, 19, 15, 16, 18, 18, 15, 17, 13, 18, 15, 16, 2
 No 14 Pg 3, 17 Pg 3, 17 Pg 10, 18 Pg 20*, 15 Pg 19 del 1, 15
 18 Pg 3, 9 Pg 5 del,

NC 22, 11+23 all, 15, 17+9, all, 20, 11+34 all, 15, 11+22,
~~18~~, 18, 11+23 all, 14, 11+20 *
NC 15, 8, 15, 18, 17, 17, 17, 17, 15, 16, 20, 10, 16, 15, 15,
No 19, 17, 15, No 20, 20%, complete.

Petal AF 4133-5103

No 12, 16, 16, 11, 15, 10, 8, 15, 15, 5, 9, 13, 10, 8, 11
13, 17, 15, 16, 19, 16, 14, 18, 14, 15, 8, 15, 15, 2, 13, 15,
13, 14, 14, 13, 15 ~~or~~ 179 sec, 13, 15, 12, 14, 12, 17, 18, 17, 15
No 19, 15, 16, 17, 18, 19,

No. 1477 FG, 148, 3, 157+9, 158+9, 158g, 3, 158g, 3,
 1277+9, 128g, 1, 17B, 3, 19B, 3, 12B, 4,
 No. 12, 15, 13, 15, 19, 16, 11, 12, 15, 16, 11, 12, 16, 17, 15, 16,
 19, 17, 13, 15, 13, 14, 11, 12, 17, 14, 15, 16, 13, 14, 17, 16,
 12, 13, 18, 13, 16, 15, 14, 13, 15, 9, 13, 13, 12, 13, 16, 15,
 15, 10, 18, 17, 11, 14, 11, 13, 17, 11, 9, 12, 68, 18, 12, 15,
 12, 19, 14, 17, 12, 14, 17 (Beoggs) 20, 17, 14, 13, 13,
 20V (20-14)

No 14, 12, 13, 11, 15, 16, 13, 12, 16, 15, 17, 18, 15, 14, 18, 13,
 12, 16, 16, 12, 15, 18, 14, 16, 16, 16, 16, 10, 14, 14, 12,
 No 13 B₂, 14 B₂, 15 B₁₊₂, 16 B₁₊₂, 15 B₁₊₂, 15 B₁₊₂
No 13 No 13 B₂, 17 B₂, 17 B₂, 15 B₂, 15 B₂,
 18 B₂, 11 B₁₊₂, 12 B₁₊₂, 10 C₁₊₂, 16 B₂,
 10 B₁₊₂, 14 B₂, 16, 15, 16, 13, 16, 16, 17, 19, 12, 12, 16,
 15, 14, 12, 14, 12, 16, 15, 15, 15, 14, 13, 17, 10, 14, 15,
 No 17 B₁₊₂, 17 B₂, 15 B₂, 13 B₂, 14, 17 B₂,
 No 11 B₁₊₂, 17
 No 15, 15, 13, 14, 14, 13, 75% complete

6/24/14 Redstarts Feeding Survey
Redstarts were clear, warm

Pt. B Slat 3' H = 3'59

No 15, 17, 13, 14, 15, 16, 12, 14, 11, 12, 9, 17, 10, 13, 15, 17, 18, 17, 17,
 13, 16, 17, 16, 15, 13, 8, 10, 17, 15, 19, 123^(Beggs), 15, 15, 19, 16, 11, 17, 13,
 No 13, 14, 14, 19, 15, 15, 19, 15, 15, 18 (Beggs)
 No 16 Bay 5, 17 Bay 4, 12 Bay 4, 14 Bay 5, 17 Bay 10, 15 Bay 4, 13 Bay 4,
 18 Bay 8, 17 Bay 13, 15 Bay 2, 16 Bay 4, 15 Bay 3, 14 Bay 4, 16 Bay 4,
 16 Bay 16, 15 Bay 21 Bay 10, 13 Bay 14 Bay 11, 17 Bay 18 Bay 11, 17 Bay 15,
 17 Bay 3, 14 Bay 13, 18 Bay 16, 14 Bay 4, 12 Bay 3, 19 Bay 17, 12 Bay 4,
 18 Bay 8 Bay 11, 13 Bay 3, 16 Bay 11, 18 Bay 4, 12 Bay 14 Bay 10,
 No 15, 16, 14, 18, 16, 15 (Beggs), 15, 17, 12, 16, 17, 17, 16,
 15, 16, 12, 13, 11, 18, 16, 15, 19, 16, 19, 14, 14, 13, 15, 17, 17, 17, 16, 14,
 12, 13, 14, 16, 10, 10, 16, 15, 17, 15, 15, 15, 14, 16, 15, 16, 15, 15, 16, 12,
 19, 16, 16, 14, 18, 17, 14, 16, 16, 14, 7, 11, 14, 13, 12, 15, 11, 17, 15
 No 15 Bay 4, 15 Bay 4, 16 Bay 4, 17 Bay 5, 16 Bay 13, 14 Bay 9 Bay 11,
 20 Bay 11, 16 Bay 14,
 13 Bay 12, 12 Bay 16, 10, 15, 18, 14, 10, 18, 20, 20, 18, 17, 16, 16, 16,
 15, 16, 17, 16, 16, 18, 16, 16, 15, 11, 16, 16, 12, 17, 13,

80% complete

Patch A Stat 5:07 - 5:39

No 16, 12, 17, 17, 13, 4, 13, 8, 10, 13, 13, 12, 16, 12 (16 ~~leg~~)
17, 13, 16, 17, 13, 15, 14, 18, 15, 17, 16, 20, 17, 14, 17, 18, 18, 15,
19 (~~leg~~), 20, 15, 17, 15, 15, 19, 14, 15, 17, 17, 16, 17, 17, 19,
13, 15, 16, 16, 16, 16, 21, 15 (~~leg~~) 20, 14, 16, 20, 15,
No 20, 22, 22, 16, 15, 20, 18, 19, 15, 13, 18, 20, 19, 13,
13,
No 17 nt 18 all, 17 nt + 14, 17 nt 18 all, 18 Ba, 3, 13 Ba, 3,
No 21 nt + 30 d.u., 23 nt + 31 d.u., 19 nt + 28 d.u., 14 Ba, 3,
No 19 nt + 12 16 Ba, 3, 13 Ba, 3, 15 nt + 7, 18 nt + 19 d.u.,
14 Ba, 3, 17 nt 18,
No 19, 18, 20, 16, 15, 14, 6, 15, 17, 12, 16, 13, 18, 16, 18,
16, 15, 11, 13, 15, 15, 12, 15, 15, 17, 18, 16, 17, 10, 16, 17,
18, 16, 16,

30%, complete

Patch B done by Kyle

Patch C 5:48 - 6:15

No 19, 10, 12, 16, 15, 18, 16, 14, 9, 8, 16, 16, 16, 18, (30 ~~leg~~)
14, 18, 12, 13, 15, 16, 18, 17 (~~leg~~), 17, 17, 20, 17, 18,
15, 10, 14, 16, 20, 17, 16, 20, 10, 19, 16, 8, 16, 16, 15, 15, 15,
11, 15, 12, 15, 13, 16, 17, 19, 20, 18, 16, 15, 16, 16, 16, 18, 17,
No 14, 12, 4, 8, 12, 11, 11, 18, 15, 6, 17, 15, 11, 20, 15, 20
10, 15, 16, 15, 15, 17, 15, 16, 20, 16, 4, 15, 17,
No 28 nt + 21 d.u., 18 nt + 16 d.u., 13 nt + 25 d.u., 15 nt + 18 d.u.
No 14 nt + 21 d.u., 17 Ba, 4, 19 Ba, 4, 16 d.u., 16 Ba, 4
19 nt + 21 d.u., 17 Ba, 4, 19 Ba, 2, 18 Ba, 4, 17 nt + 12,
18 nt + 20, 16 Ba, 3,
No 19, 16, 17, 19, 16, 7, 18, 16, 13 (12 ~~leg~~) 16, 18 (20 ~~leg~~) 16, 18, 17, 16, 18, 19, 15, 17, 16, 15, 15, 19, 15, 18, 16, 19, 14, 16, 19, 14, 15, 16, 16, 18, 19, 13, 18, 18, 16, 19, 16, 17, 12, 16, 15, 16,

32.5%, complete

Patch G 6:17 - 6:57

No 15, 10, 10, 17, 18 (~~leg~~), 16, 14, 15, 13, 10, 10, 12, 15, 18,
15, 13, 11, 15, 15, 17, 18, 15, 12, 13, 11, 13, 14, 16, 14, 15, 15, 16,
17, 18, 14, 15, 12, 13, 10, 13, 12, 20, 15, 13, 14, 15, 13, 13, 15,
13, 18, 13, 13, 13, 13, 12, 15, 17, 13, 11, 16, 12, 16, 13, 17,
No 20, 17, 21, 16, 17, 13, 14, 14, 16, 14, 17, 10, 10,
No 11 nt + 18 d.u., 17 nt + 19 d.u., 18 nt + 23 d.u., 16 nt +
13 nt + 4 d.u., 7 nt + 10 d.u., 15 nt + 6, 15 nt + 3 d.u.,
No 17 nt + 18 d.u., 18 nt + 16 d.u., 22 nt + 16 nt + 22 d.u.,
15 nt + 20 d.u., 12 nt + 8, 11 nt + 13 d.u., 13 nt + 12, 15 nt +
15 nt + 7 d.u., 4 nt + 13, 14 nt + 12, 16 nt + 9, 13 nt + 3 d.u.,
12 Ba, 1, 13 nt + 2 d.u., 16 nt + 7, 13 nt + 1, 18 nt +
15 nt + 21 d.u., 12 nt + 3, 14 nt + 18 d.u., 15 nt + 3,
No 17, 13, 14, 17, 16, 15, 16, 16, 16, 17, 16, 12, 10,
12, 13, 14, 13, 15, 15, 10, 14, 7, 13, 16, 13, 10, 12, 16,
16, 15, 13, 13, 14, 17, 11, 15, 14, 16, 15, 15, 13, 15, 14, 18

Patch A.G. 6:59 - 7:42

No 15, 15, 13, 16, 17, 13, 17, 15, 18, 17, 15, 17, 13, 12, 16, 13,
16 (~~leg~~), 21, 14, 15 (~~leg~~), 19, 15, 17 (~~leg~~), 15
17, 10, 17, 21, 15, 14, 16, 16, 15, 14, 14, 13, 9, 13, 16, 13, 1
12, 11, 10, 8, 17, 15, 13, 14, 13, 14, 9, 11, 15, 14, 13
No 15 nt + 7, 18 nt + 9, 20 Ba, 4, 13 nt + 13 d.u., 18 nt + 1,
13 Ba, 4, 12 Ba, 3, 11 Ba, 4, 17 nt + 10, 15 Ba, 3, 16 Ba, 4, 1
16 Ba, 3, 16 Ba, 1, 17 Ba, 5, 16 nt + 9, 19 Ba, 2, 16 nt + 9 d.u.,
No 15, 15, 12, 17, 13, 16, 16, 13, 21, 15, 10, 16, 10, 16, 17, 16,
13, 18, 17, 16, 12, 8, 18, 15, 18, 15, 17, 16, 20, 17, 13, 15,
16, 16, 18, 13, 17, 15, 15, 18, 18, 18, 16, 16, 17, 16, 18, 15, 15,
18, 19, 20, 20, 19, 20, 14, 14, 16, 18, 17, 16, 14, 8, 17,
No 13, 13, 13, 15, 9, 13, 13, 14, 11, 18, 13 Ba, 15 nt + 5,
No 14, 10, 13, 15, 12, 16, 15, 14, 17, 14, 11, 14, 16, 19, 9, 15,
19, 13, 18, 18, 16, 19, 16, 17, 12, 16, 15, 16,
No 16 Ba, 2,

6/25/14 Velvets ~~Golden Survey~~ wrap-up

Very low swell, "calm", fog, light breeze

Panel BC 3:21 - 4:00 4:20
No 15, 16, 10, 11, 15, 14, 9, 11, 14/14, 12, 13, 11, 14, 16, 12, 12, 11,
15, 15, 15, 15, 11, 16, 13, 16, 14, 15, 14, 13, 12, 13, 8, 20, 14,
20, 15, 10, 16 (3 eggs) 15, 16, 11, 10, 15, 15 (2 eggs) 15, 15,
14, 16 (2 eggs) 16, 10, 16, 12, 10, 19, 13, 14, 15, 14, 16, 18, 13,
No 15 (1 egg) 13, 18, 3, 18, 3, 18 n+12 12 n+13 d, 16
16 Bg 3, 13 n+17 d, 11, 17, 11, 11, 11, 17 Bg 3, 13 Bg 2,
16 Bg 4, 13 Bg 1, 13 n+13 d, 13 Bg 3, 16 Bg 4, 16 Bg 2,
+5 Bg 4, 4 Bg 4 side 14 n+14, 14 n+6, 16 Bg 4, 16 Bg 5,
No 14, 11, 4 (6 eggs) 15, 13, 12, 13, 17, 19, 16, 13, 14, 13, 14,
15, 17, 13, 9, 14, 18, 13, 13, 20, 17, 17, 16, 12, 15, 15, 15, 16,
13, 11, 16, 16, 16, 16, 15, 14, 12, 13, 11, 19, 13, 11, 14, 12, 10, 10,
13, 12, 16, 18, 11, 10, 6, 14, 10, 12, 18, 13, 14, 13, 14, 12, 10, 13,
15, 16, 9, 15, 15, 10, 13, 13, 17, 14, 18, 12, 11, 18, 14, 16, 16, 16, 12, 15,
15, 13, 12, 6, 7, 8, 10, 13, 12, 19, 14, 16, 16, 17, 14, 17, 16, 16, 16,
No 14 Bg 4 side 15 n+22 d, 16 n+14, 15 Bg 4, 17 n+10,
16 Bg 5, 15 Bg 4, 20 n+18, 17 n+11 d, 17 n+14, 17 n+13,
No 13, 9, 20, 15, 16 Bg 5
No 12, 15, 14, 10, 16, 19, 15, 17 (7 eggs) (10 eggs) 17/15/14/17
25% complete

Panel BD 4:23 - 4:50

No 13, 14, 17, 12, 12, 19, 8, 19, 16, 17, 18, 16, 16, 15, 14, 14, 9,
17, 15, 15, 15, 13, 15, 18, 17, 15, 16, 12, 13, 13, 16, 18, 15, 20, 17,
No 10, 10, 10, 12, 11, 12, 19, 14, 12, 14, 13, 18 (14 eggs) 10, 13,
120 15 Bg 5, 14 Bg 2, 15 n+17 d, 16 Bg 3, 16 n+14,
No 20 n+15, 12 n+24 d, 11,
No 16, 16, 17, 16, 19, 16, 18, 20, 13, 15, 15, 14, 16, 16, 16, 16, 16, 18, 19,
17, 15, 9, 17 (7 eggs) 10, 14, 13, 16, 17, 7, 17, 22, 11, 18, 21, 21,
16, 16, 18, 15, 14, 10, 15, 20, 18, 14, 18, 16, 16, 16, 11, 16,
No 14 n+23 d, No 19, 17 85% complete

Panel AB 4:57 - 5:56

No 9, 10, 12, 12, 15, 14, 17, 7, 15, 3, 12, 12, 12, 10, 14, 12, 1,
14, 13, 9, 15, 16, 13, 15, 16, 9, 12, 8, 15, 11, 13, 12, 15, 16, 15, 16,
13, 16, 14, 13, 10, 14, 9, 6, 15, 14, 13, 10, 12, 18, 14, 14, 14, 16, 12,
16, 15, 17, 14, 16, 16, 16, 15, 18, 9, 15, 10, 7, 19, 16, 15, 10, 10, 8,
No 7, 15, 8, 19, 14, 11, 11, 11, 13, 10, 9, 11, 10, 10, 10, 11, 13, 13,
10, 12, 14, 18, 16, 11, 11, 17, 13, 10, 7, 22 (2 eggs) 15, 13, 8,
16, 10, 13, 15, 14, 17, 15, 20, 9, 12, 12, 12, 13, 15,
No 14 n+13 d, 17 Bg 1, 12 n+15 d, 12 Bg 3, 14 n+15 d, 16
10 Bg 1, 14 n+9 d, 16 n+20 d, 18 n+8, 13 Bg 2, 14
15 n+23 d, 17 n+13, 17 n+23 d, 12 Bg 1, ~~12 Bg 2~~,
No 20 n+17 d, 13 n+21 d, 14 n+10 d, 12 n+18
-7 n+11 d, 12 n+21 d, 16 n+20 d, 13 n+27 d,
18 n+23 d, 17 n+19 d, 17 n+24 d,
No 11 n+15 d, 14 n+8, 13 n+9, 16 n+20, 15 Bg 4, 13 n+
12 Bg 2, 14 Bg 1, 17 Bg 3, 13 Bg 3, 15 Bg 4, 14 n+6,
No 7, 16, 14, 16, 17, 10, 14, 15, 7, 17, 14, 16, 10, 16, 13, 9, 5,
8, 15, 16, 13, 14, 13, 13, 13, 8, 14, 13, 16, 12, 17
17, 10, 14, 16, 13, 17, 13, 16, 12, 20, 14, 15, 14, 10, 17
16, 14, 13, 13, 17, 15, 14, 17, 15, 12, 16, 16, 11, 12, 6, 16,
40% complete

Panel E 6:02 - 7:00

No 15, 20, 17, 16, 14, 17, 13, 14, 13, 12, 15, 16, 13, 16, 19, 1,
14, 14, 15, 12, 10, 10, 11, 13, 8, 12, 12, 13, 20 (2 eggs) 15, 16,
17 (3 eggs) 15, 17 (5 eggs) 10, 16 (2 eggs) 15, 11, 13, 12,
No 23, 21, 13, 18, 16, 20, 15, 17, 13, 11, 19, 15, 12, 10,
10, 16 n+11, 16 n+18 d, 17 n+20 d, 18 n+23,
No 17 n+8 d, ~~10~~,
No 14 n+30 d,
No 19 (2 eggs)

Reinhardt

No 15, 14, 15, 14, 10, 15, 11, 15, 18, 15, 11, 19, 16, 13, 12, 12,
 15, 13, 12, 11, 20, 14, 9, 22, 15, 16, 18, 15, 15, 22, 14, 14,
 17, 15, 14, 17, 17, 15, 13, 17, 17, 13, 16, 17, 12, 16, 12, 17,
 N=16 B₃S, 18 n+22, 16 B₃S, 17 m+25 d₁₁, 16 B₃S,
 18 B₃S, 10 B₃S, 16 m+7 d₁₁, 17 m+22 d₁₁,
 No 15, 15, 15, 16, 16, 15, 8, 16, 17, 15, 15, 17, 16, 16, 15, 18, 13, 8
 NC 13, 8, ~10, 15, 12, 12, 11, 8, 15, 14, 15, 12, 10, 11, 15
 NC 12 B₃S, 18 n+25 d₁₁, 12 B₃S, 15, m+18 d₁₁,
 No 14, 19, 15, 17, 16, 17, 10, 14, 13, 14, 17, 13, 17, 16, 16,
 18, (20 B₃S), 15, 15, 15, 15, 19, 10, 17, 13, 14, 10, 15,
 15, 15, 12, 17, 13, 12, 16, 13, 17, 11, 13, 15, 16, 16, 16,
 14, 17, 15, 14, 13, 14, 13, 15, 19, 18, 15, 16, 18, 16, 16, 15, 15, 15, 15,
 16, 16, 15, 15, 14, 15, 17, 16, 17, 15, 15, 16, 17, 16, 17, 10, 13,
 No 18, 15, 13, 12, 17, 17, 21 d₁₁, 12 B₃S, 13 B₃S, 14 B₃S, 16 m+9,
 NC 14 B₃S, 1, No 11 B₃S, 1, 16 B₃S, 4,
 NC 13,
 No 18, 10, 15, 17, 16, 15, 60%, complete

7/29/18 Vendals Whaler stories
(quiet before a storm, then on whale counts)
Intercalated sand, wind, moderate swell
New recruitment of *Calanus glaucus*

Patch E Start 9/21 - 9/24
 No. 10, 16, 13, 18, 15/14, 18/20, 13, 17, 13, 9/16, 13/21, 16, 18, 17, 14, 16/17,
 (7 eggs in 6 batches) 13, 18, 18, 10/10, 8, 17, 11, 18, 16, 16, 12, 13,
 17, 13, (4 eggs) 17, 17, 3, 14, 16, 11, (20 eggs) 13, 13, (7 eggs) 16, 16/13
 No. 11/17 24/21, 17, 7, 15, 18, 17/26, 19, 17-19, 16, 17, 17/18, 17, 17/19, 21
 No. 14, 12, 13, 18, 13, 14, 17, 13, 19, 28, 17, 21, (20) 15
 No. 15/16, 4/18/50, 12 M/21/60,

Woff, (16:ggg), 17, 15/17, 14, 17, 15, 17, 17, 14 (4:ggg) 17/16,
 11, 15, 16, 17, 15, 14, 15, 17 (8:ggg) 16, 17, 14, 14, 16, 18, 14/19, 16, 16,
 16, 18, 16, 16, 18, 17, 17, 18, 17, 12, 14, 13, 18, 16/18, 14, 16, 16, 17
 No 17 B₃, 15 n+29 and, 17 B₃ 4, 18 n+22, 17 n+21 and, 14 B
 19 n+3 and, 18 n+18 and, 15 n+14 and, 17 B₃ 4 and, 16 n
20% coupled

Patch A Plot mounds gone again, (earny
large Bg re-exposed. 5:06 - 5:29
No. 12, 14, 18, 17, 20, 17, 18, 20, 6, 12, 13, (44443) 18, 1
18, 16, 17, 17, 17, 17, 13, 20, 17, 21, 16, 18, 17, 15, 16
17, 11, 13, 16, 19, 17, 17, 11, 16, 12, 16, 19, 17, 15, 17, 16, 15
No. 12, 8, 6, 17, 7, 7, 19, 5, 5, 4, 7, 20, 19, 14, 11, 5, 8, 6, 8, 9, 1
~18, 14, 18, 18, 10, 20, 9, 11, 8, 10, 6, 5, 3, 13, 12, 7, 8, 18
16, 8, 9, 7, 8, 20, ~7, 8, 12, 5, 18, 16, 16, 7, 3, 23, 18, 1
No. 20, 17, 11, 21, 23, 21, 16, 17, 22, 18, 17, 20, 21, 1
15, 17, 14, 21, 20, 17, 18, 21, 24, 17, 21, 18, 17, 26, 11
No. 3, 17, 16, 18, 17, 23, 21, 16, 17, 21, 18, 17, 22, 21,
12, 13, 18, Bg, 3, 17, 17, 22, 21, 20, 1
+ 9, 16 - 6, 10

Starting to recognize Syst. Calif. on plots

Patel C 6.12-7.00
No 12, 13, 16, 13, 10, 16, 20, 21, 15, 12, 16, (8 eggs)
13, 13, 12, 16, (14 eggs), 20, 20, 17, 17, 13,
No 19B(1), 11B(1), 16B(1), 19B(1),
No 18, 19, 17, 16, 24, 16, 13, 16, 7, 14
No 16, 17, 25, all, Rate in a

No 21, (7, 5, 16, 17, 16, 19, 17, 21, 15, 14, 16, 15, 18
 20, (14 eggs) 12, 18, 19, 17, 15, 21, 18, 16, 15, 14, 16,
 17, 18, 14, 12, 18, 19, 16, 13, 16, 20, 15, 20, 12, 14, 15, 16, 17
 No 18, 14, 14, 16, 19, 16, 11, 16, 12, 13, 20, 18, 14, 14, 12, 12,
 22, 22, 16, 20, 21, 20, 9, 7, 23, 11, 7, 15, 17, 12, 18,
 16, 9, 13, 16, 17, 21, 17, 13, 14, 9, 20, 21, 16,
 No 19, 17, 23 all, 18, 17, 14, 10 all, 20, 17, 23 all,
 No 17, B₂ 4, 16 B₂ 3, 16, 17, 22 all, 19 B₂ 4,
 No 16, 21, 19, 16, 17, 20, 19, (2 eggs) 18, 18, 16, 16,
 18, 18, 18, 21, 19, 19, 19, 17, 19, 19, 14, 20, 19, 17,
 18, 16, (3 eggs) 15, 18, 19, 18, 18, 19, 17, 16, 19, 16, 15, 18,
 18 (1 egg) 17, 17, 16, 15, 17, 16, (32 eggs)
 No 20, 17, 23 all, 18, 17, 23 all, 19, 14, 17, 14.
 No 20, B₂ 4, 15 B₂ 3, 18 B₂ 3, 19, 17, 24 all, 17, 18, 16 all,
 No 17, 16, 18, 18, 21, 20, (37 eggs) 17, 18, 20,
 19, 18, 19, (38 eggs) 16, 17, 17, 15, 19, 18, 18, 16,
 14, 14, 14, (17 eggs) 17, 18, 17, 16, 16 (14 eggs)
 No 17 B₂ 4, (25) complete

Park F 7.09-4'26

№ 18, 6, 6, 5, 18, 6, 4, 14, 18, 18, 20, 17, 18, 17, 21, 22, 21,
 21, 9, 19, 19, 14, 5, 10, 23, 22, 20, 14, 20, 20, 17, 20,
 18, 21, 23, 18, 20, 22, 21, 4, 19, 24, 6, 18, (36 eggs)
 17, 21, 9, 18, 26, 23, 17, 5, 17, 20, 7, 16, 16, (35 eggs)
 № 22 (new) 22+25 on 11.10.11, 21.11-30.11.
 19.11+23.11, 20.11+27.11, 14.11+24.11, 22.5.12,
 19.11+28.11, 18.11+22.11, 23.11+28.
 № 13, 17, 19, 20, 18, 19, 8, 19, 17, 13, 8, (21 eggs) 18,
 16, 21, 20, (1 egg)
 № 17, 21, 23, 21, 21, 22, 21, 17, 4, 18, 7, 6, 9, 9,

1954 Complete



Patt D 7:22 - 7:53

№№ 12, 12, 14, 13, 13, 15, 13, 17, 13, 17, 15, 17, 16, 18
 12, 16, 16, 16, 16, 16, 16, 15, 18, 19, 17, 16, 17, 18, 16, 18, 18,
 18, 16, 13, 2, 16, 19, 14, 13, 14, 18, 17, 16, 12, 16, 14, 15, 9, 14
 №№ 17+11, 21+21, 18+18+18+18, 17+24, 14+14
 18+18+12+12, 17+17+17, 18+18+18, 19+9+4, 17+17
 17+8+4,
 №№ 9, 12, 19, 12, 13, 6, 14, 14, 14, 12, 12,
 №№ 15+12+10, 13+14+30+11,
 №№ 16, 15, 14, 12, 14, 15, 18, 20, 15, 18, 19, 20, 13, 15,
 14, 16, 18, 15, 10, 12 (100%) 18, 15, 16, 15, 14, 10, 14,
 100%

Koo's

Patch F 7.54-816

Path AC 8:18 - 8:28

No. 13, 18, 13, 18, 13, 15, 14, 15, 16, 18, 15, 16, 14, 10, 18, 14, 14,
11, 16, 16, 14, 16, 12, 13, 16, 16, 19, 14, 13, 14, 16, 16, 16, 19, 12, 14,
No. 9 (6), 13, 17, 18 (all), 9, 14, 15 (2), 14 (2), 14 (2), 17 (2)
No. 13, 15,
No. 15, 18, 18
100% complete

7/25/14 Yachats

Clear sunny, medito waves + swell

Finding up pictures + which counts started yesterday
4:00 - 6:45

Feeding Surveys

Clear sunny morning, low waves + swell

Patch BD 6:51 - 7:30

No 14, 16, 16, 18, 12, 14, 15, 15, 16, 19, 14, 16, 18, 14, 16, 17,
15, 15, 15, 16, 18, 18, 17, 20, 14, 17, 18, 15, 19, 16, 18, 20,
18, 17, 14, 15, 16, 13, 17, 15, 16, 11, 19, 17, 16, 18, 16, 13,
17, 15, 17, 10, 17, 17, 18, 12, 17, (3 eggs), 16, 16, (8 eggs)

No 11, 13, 11, 16, 22, 14, 15, 17, 16, 21, 18, 20, 19, 17, 12,
19, 16, 19, 13, 14,

No 17 Bg 3, 15 Bg 3 side, 16 Bg 3, 16 Bg 2 4 dnu, 23 Bg 17,
13 Bg 4, 14 Bg 3, 18 Bg 2 3 dnu, 17 Bg 2 8 dnu 20 n 2 dnu 11,
No 19, 18, 20, 19, 17, 20 (9 eggs), 10, 13, 13, 18, 18, 13, 21
13, 20, 17, (21 eggs), 19, 16, 11, 10, 14, 18, 15, 14, 13, 17,
(7), 15, 18, 18, 17, (18 eggs), 15, 13, 12, 16, 17, 15, 11, 16, 14, 22,
No 15 Bg 3, 15 Bg 4, 13 Bg 4, 18 Bg 1 3 dnu, 17 Bg 2 dnu,

No 15, 17, 18, 16, 17, 16, 15, 19, 15, 20, (3) 13, 17, 16, 21 (8 eggs)

No 19 Bg 2 dnu
17, 17, 18, 16, 17, 19, 16, 19,
90% complete

Patch AD 7:31 - 8:09

No 11, 15, 17, 16, 20, (5) 13, 12, 15, 14, 16, 22, 20, 3,

No 22 18, 13, 17, 17, 16, 9, 10, 11, 15, 7, 10, 16, 11, 16, 16,
18, 18, 9, 13, 16, 13, 8, 16, 14,

No 11 Bg 1, 15 Bg 1, 15 Bg 1, 18 Bg 1, 13 Bg 1, 16 Bg 5,

No 20 20 20 dnu,



No 15 Bg 15 dnu, 17 Bg 3, 17 Bg 3, 17 Bg 19 dnu, 15 Bg 1
No 10, 16, 13, 16, 16, 12, 16, 18, 13, 13, 14, 13, 18, 17, 18, 18
No 18, 16, 17, 17, 19, 16, 17, 17, 18, 19, 17, 24, 16
No 12, 12, 18, 13, 10, 14, 16, 19, 18, 15, 9, 6, 19, 16,
17, 14, 17, 20, 18, 19, 17, 13, 19, 17, 20, 17, 13, 17, 17, 17
No 13, 20, 7, 6, 15, 6, 11, 13, 17, 14, 16, 17, 16, 16, 13,
15, 10, 8, 7, 16, 16, 11, 12, 16, 5, 7, 23, 16,
No 16 Bg 4, 14 Bg 4, 21 Bg 2 4 dnu, 10 Bg 2 2 dnu,
18 Mt 30 dnu, 11 Bg 2 3 dnu, 8 Bg 3,
No 17, 20, 15, 16, 15, 19, 14, 18, 15, (3) eggs, 18, 19
No 16 Bg 1 24 dnu, 21 Bg 2 21,
No 20, 17, 17, 18, 17, 20, 15, 18, 18, 14, 20%,

Patch AF 8:0 - 8:37

No 17, 14, 19, 17, 18, 11, 14, 14, 17, 16, 10, 15, 12, 14, 13, 14
13, 10, 13, 14, 17, 12, 16, 14, 19, 18, 18, 14, 16, 17, 17, 20
11, 13, 13, 13, 15, 18, (2), 15, 16, 16, 12, 14, 15, 15, 17, 15, 14
No 11 Bg 1, 12 Bg 1, 15 Bg 2, 18 Bg 2, 17 Bg 1, 14 Bg 1, 15
15 Bg 8, 16 Bg 9, 17 Bg 4, 16 Bg 4, 14 Bg 1, 13 Bg 2, 1
14 Bg 5, 16 Bg 4, 15 Bg 2, 13 Bg 2,
No 21, 17, 17, 12,

No 14, 17, 17, 12, 14, 14, 16, 13, 15, 16, 15, 15, 20, 15, 15
17, 14, 6, 8, 18, 14, 19, 13, 16 (5 eggs), 16, 14, 16, 16
16, 12, 16, 16, 15, 16, 15, 16, 14, 19, 15, 17, 15, 15, 13, 17, 12,
13, 17, 13, 14, 18, 19, 14, 15, 15, 16, 16, 14, 12

100%

Patel A.G. 841-9116

No 18, 15, 13, 19, 13, 17 (4 sets) 18, 19, 13, 20, 17, 18 (3 sets)
 18, 18, 14, 19, 12, 18, 16, 15, 16, 15, 16, 17, 17, 20, 17, 17
 16, 16, 19, 13, 20, 15, 18, 17, 16, 19, 18, 12, 19, 16, 11, 18, 16, 18
 19, 14, 18, 18, 15, 18, 18, 16, 13, 21 (8 sets) 15, 16, 14, 16, 18, 15
 No 16 Bxg3, 14Bxg4, 18Bxg3, 10Bxg3, 13Bxg3, 13Bxg3,
 16Bxg3 (all), 16Bxg3, 2 (11+18, 20+11+20+11), 16Bxg3,
 No 17, 22, 14, 23, 17, 14, 23, 17, 20, 17
 No 13 Bxg3, 17 Bxg3, 20+14+7 (all),
 No 13, 14, 14, 16, 18, 15, 17, 8, 8, 12, 14, 18, 14, 13,
 18, 14, 16, 15, 16, 17, 17, 16, 18+13, 14, 16, 15, 16, 20, 15,
 17, 20+12, 16, 18, 20, 14, 18, 16, 15, 21, 17, 18, 18, 15,
 17, 15, 16, 15, 16, 17, 19, 13, 19, 18, 16, 19, 15, 16, 17,
 18, 17, 12, 15, 15, 19, 15, 16, 15, 13, 13, 15, 13, 19, 18 (4 sets)
 18, 17, 16, 16, 11, 16, 16, 16, 18, 18, 17, 16, 18, 15,
 13, 14
 No 16 Bxg2, 16, 13, 2, 20 Bxg4, ~~45%~~ complete

~~N B 4 5 E f~~ ~~AE~~ ~~AE~~ ~~AE~~ ~~AE~~ ~~AE~~ ~~AE~~

+ flax 100 g

7/27/14 Vachette Feeding surveys

Partly cloudy w/ breeze, low winds & cool. Obj 52
Patch BE 3:40 - 6:08

10013, 14, 11, 13, 8, 15, 14, 12, 15, 18, 13, 10, 15, 20, 13, 16, 12, 19, 13,
4, 16, 12, 10, 13, 16, 15, 10, 12, 17, 16, 15, 13, 10, 15, 12, 14, 17, 11, 15, 15, 15,
16, 13,

013B₂, 12B₃, 15B₂, 11n+9, 16n+13n+14, 14n+11, 18B₂, 14n+9, 16B₂,
16n+20n+6, 17n+22n+6, 14n+11, 18B₂, 14n+9, 16B₂,
14B₂, 13B₂, 11n+6, 14n+16, 15B₂, 15B₂, 14B₂,
15n+7, 15n+16, 15n+16, 13, 16, 16, 14, 16, 13, 16, 12, 15, 15, 16, 14, 15, 14, 16,
16, 13, 18, 18, 14, 16, 14, 18, 16, 16, 17, 16, 17, 17, 13, 18, 15, 13, 16, 14,
13, 17, 15, 13, 17, 15, 15, 15, 16, 14, 15, 12, 13, 15, 15, 13, 9, 16, 17,
N013B₂, 13n+11n+14, (100%)

Dalch BF 5:02-7:17

No 13, 14, 15, 16, 18, 19, 10, 19, 16, 15, 16, 10, 16, 16, 13,
No 9 m + 8 m, 15 m + 18 m, 15 m + 8, 16 m + 3, 17 m + 2

14 m + 15 m II, 16 m + 13 m IV, -16 m + 12, 19 m, +, 14 m + 20 m II
+ 19 m, 10, 16 m + 3, 15 m + 18 m II, 11 m, 2, 16 m + 18, 12 m II

Also 17, 15, (24 eggs) 18, 16, 14, 13, 19, 14, 17, 15, 18, 17, 12, 13, 17, 11, 13, 2, 16, 15, 16, 14, 12, 13, 13, 11, 13, 12, 15,

~~17, 16, 10, 13, 18, 13, 16, 19, 16, 16, 13, 12, 16, 10, 16, 13~~

$b_1, 10, b_2, 13, b_3, 13, b_4, 12, b_5, 14, b_6, 13, b_7, 12, b_8, 13, b_9, 16, b_{10}, 13, b_{11}, 13, b_{12}, 13$
 $b_{13}, b_{14}, \{b_{15}, b_{16}\}, b_{17}, \{b_{18}, b_{19}\}, b_{20}, b_{21}, b_{22}, b_{23}, b_{24}, b_{25}, b_{26}, b_{27}, b_{28}, b_{29}, b_{30}$

No 13263, 16 M 4, 12 M 11, 14 2, 17 11 14 11, 15 6,
13 M 2 14, 16 M 15, 17 14 or 14 2 3 11,

18, 15, 3, 3, 15, 13, 15, 16,
Rate 2000

N.C. - McMurtry

Patch BC 7.19-8.08

№ 12, 13, 15, 18, 15, 13, 10, 4, 14, 15, 14, 13, 9, 16, 15, 13, 17,
 14, 12, 16, 18, 16, 14, 13, 15, 16, 16, 12, 10, 15, 16, 11, 12, 17, 16,
 18, 13, 16, 6, 4, 13, 16, 15, 15, 11, 18, 14, (6 29 35), 15, 15,
 16, 19, 14, 14, 13, 15, 16, 17, 15, 14, (3 30 35), 15, 14, 15, 15,
 18, 16, 12, 16, 16, 14, 18, 12, 16, 16, 18, 15, 14, 18, 15, 15, 14,
 № 11 и 20 дн., 17 дн. 16, 15 и 14 дн., 12 дн. 26 дн.,
 16 дн. 3, 20 дн. 14, 14 дн. 3, 17 дн. 4, 14 дн. 4, 16 дн. 25 дн.,
 18 дн. 9, 17 дн. 23 дн., 16 дн. 1, 15 дн. 12 дн., 17 дн. 14
 № 11, 13, 5,

№ 16, 13 (18 cases) 13, 15, 14, 16, 17, 15, 15, 18, 19, 17,
 14, 15, 16, 18, 17, 11, 16, 17, 16, 12, 15, 12, 12, 13, 12, 13, 14,
 15, 17, 17, 17, 15, 17, 11, 18, 16, 14, 15, 15, 17, 16, 15, 13,
 17, 17, 16, 16, 17, 18, 15, 15, 18, 13, 14, 16, 16, 18, 17, 14,
 17, 14, 18, 13, 17, 16, 16, 15, 16, 16, 16, 13, 15 (9 cases)
 10, 15, 14, 18, 19, 18, 12, 14, 17, 17, 16, (8 cases) 12, 13,
 8, 16, 10, 16, 15, 11, 14, 13, 12, 18, 16, 17, 17, 17, 19, 14, 13,
 № 13 17+14.10, 18 17+14.10, 13+15.2.11, 18 17+14.10.
 17+14.14.2.11, 13+14.20.2.11, 17 17+17.2.11, 16 17+17.2.11
 22, 15, 16, 18, 15, 14, 13, 19, 15, 15, 14, 16, 16, 16, 13, 16, 16, 15,
 № 16 13, 13 17+14.10

Patch AB girls \$1.00

Ne 15, 13, 11, 20, 14, 9, 5, 15, 10, 14, 7, 9, 16, 10,
13, 13, 12, 11, 18, 16, 15, 11, 10, 13, 20, 12,
Ne 18 M+28 dL, 16 M+22 dL, 13 M+15 dL, 15 M+24 dL,
16 D+17, 17, 17, 17, 16, 16, 12, 13, 13, 17 (2 myrs) 16, 13
16, 11, 12, 15, 15, 16, 15, 15, 12, 17, 17, 16, 14, 15, 16, 17, 17,
17, 20, 17 (5 eggs) (6 eggs) 13 (10 eggs) 18, 18, 12,
16, 16, 10, 17, 11, 16, 17, 15, 13, 13, 12, 15, 16, 16, 14, 14,
13, 15, 15, 13, 9, 12, 16, 17, 15, 14, 16, 15, 16, 12, 15, 15, 14
Ne 20 M+17 dL, 16 M+20 dL, 19 M+23 dL, 15 Sg 2,
17 M+23 dL, 15 Sg 2, 14 M+20 dL, 15 M+21 dL, 17 dL
14 M+22 dL, 12 M+22 dL, 12 Psg 2, 16 M+19 dL, 15 Bg
14 M+17 dL, 20 M+22 dL, 13 M+13 dL, 16 Sg 2,
16 M+25 dL, 13 M+20 dL, 13 M+23 dL, 17 M+25 dL
14 M+24 dL, 13 M+23 dL, 14 M+25 dL, 15 M+27 dL
Ne 12 M+26 dL, 10 M+26 dL, 14 M+24 dL
19 M+26 dL, 12 M+26 dL, 24+13 on M+31 dL, 21 dL
Ne 15 M+19 dL, 14 Bg 3, 15 M+20 dL, 16 M+19 dL
14 Bg 4, 15 M+24 dL, 17 16 M+21 dL, 16 Bg 4,
14 M+23 dL, 14 Bg 4, 15 Psg 3, 15 M+23 dL, 17 Psg
18 M+17 dL,
Ne 16, 16, 14, 15, 16, 12, 10, 13, 11, 11, 16, 14, 15, 13, 14,
(25, 25)

Paled Gt 9.02 - 9.42 + 9.57 - 10.24
 NC 19.11 + 18.11, 6.11 + 8.11, 10.11 + 10.11,
 10.14, 17, 18, 19, 12, 18, 16, 16, 16, 13, 14, 16, 14, 16 (600)
 NC 18, 19, 20, 11, 17, 15, 16, 20, 15, 20,
 NO 10, 12, 14, 17, 17, 18/13 (14.00%) 17 (4.34%) 17 (6
 13, 14, 15, 17, 13 (8.20%) 16 (8.00%) 18 (6.13%) 17 (2.90%)
 NO 17.11 + 18.11, 17.11 + 15.11, 16.11 + 10.11, 15.11 + 9.
 15.11 + 25.11 British, 16.11 + 23.11, 17.11 + 19.11,

NJ-13, 19, 17, 16, 15, 15, 20, 17, 14, 15, 14, 14, 13, 13,
18, 16, 9, 15, 15, 18, 22, 14, 16, 14, 12, 13, 17, 14, 19, 17
17 (5 cases) 18, 15, 15, 14, 16, 15, 15, 14, 18, 17, 19, 16, 15,
14, 16, 14, 17, 14, 12, 15, 14, 12, 12, 12, 16, 15, 13, 15, 15,
17, 12, 12, 13, 11, 17, 19, 12, 16, 16, 16, 17, 15, 10, 13, 12,
10, 16, 17, 25, 21, 12, 16, 14, 12, 15, 17, 12, 18, 17, 18, 21
15, 17, 12, 13, 14, 17, 11, 11

No 16, 16, 19 (Beams) 16, 14, 17, 17, 15, 14, 14, 16, 15, 11, 18,
Nels, 17, 9, 13, 14, 11, 15, 13, 16, 12, 14, 8, 15, 19, 17, 15, 11,
8, 15, 17, 16, 12, 12, 13, 15, 7,
NC 187741add, 187742720, 177742120, 147743400,

18 Nov 24 2011, 17 Nov 2011, 20 Nov 2011, 10 Dec 2011,
~~2011~~ 2012

12, 13, 9, 10, 11, R1, 15, 17 (3), 15, 17, 13, 14, 16 (Boggs)
11, 16, 16, 15, 14, 13, 17 (6 eggs) 12, 14, 8 (7 eggs) 16, 17, 15,
18, 19, 19, 18, 16, 17, 13, 15, 18, 17, 11, 17, 8

13, 16, 14, 15, 17, 12, 18, 11, 15, 15, 19, 15, 17, 18, 20,
17, 17, 13, 18, 15, 14, 16, 20, 19, 15, 19, 7,

NC 16, 16, 13, 13, 11, 14, 13, 12, 17, 10, 18, 17, 13, 13, 4, 13

409 complete

~~11~~ 128

A vertical strip of a spiral-bound notebook, showing the metal spiral binding along the left edge. The pages are white and slightly aged.

7/28/14 Various feeding surveys continue.
Fog inter�spersed by a Breeze. Low swell & the
birds. Water is still brown (as it has been a
week).

Patd A E 600-719

No 17, 17, 17, 16, 14, 18, 13, 16, 17, 16, 14, 15, 12, 13, 12, 17, 1
11, 10, 18, 17, 16, 17, 15, 13, 19, 16, 17, 13, 16, 14, 15, 15, 15, 13, 14
14, 13, 16, 5, 14, 18, 16, 18, 14, 14, 16, 14, 18, 18, 18, 18, 16, 17, 1
16, 14, 14, 11, 17, 14, 13, 15, 16, 12, 8, 16, 16, 17, 11, 8
13, 16, 15, 15, 14, 16, 16, 13, 14, 14, 15, 14, 15, 15, 13, 16, 17, 16,
No 16, 17, 23, 24, 13, 23, 14, 24, 15, 15, 23, 4, 14, 23, 3, 16, 23
14, 17, 23, 24, 12, 23, 2, 15, 23, 1, 16, 23, 2, 16, 23, 4, 5, 6, 7,
16, 23, 3, 13, 24, 17, 24, 16, 24, 19, 24, 11, 20, 23, 4, 14, 23,
No 9, 14, 6, 18, 16, 13, 9, 6, 17, 8,

NC 15, 13, 11, 15, 13, 19, 14, 16, 17, 16, 14, 18.

17, 18 (4 eggs), 15, 19, 17, 12, 14, 15, 12, 17, 15, 12, 12, 9, 15, 11, 12, 10, 12, 13, 13, 11, 13, 13, 17, 17, 15, 16, 12, 14, 17, 12, 13, 13

14 (2 eggs) Red 18 (27 eggs) 13, 16, 17, 15, 19, 14, 18, 19, 15, 12, 11, 18 (6 eggs) 13, 13, 14, 17, 13, 17 (7 eggs)

No 15 Beg 3 sides 14 Beg 4 sides, 17 Beg 4, 13 Beg 3 only
15 till 15 till, 17 Beg 4, 12 Beg, 14 Beg 4 till, 17 Beg 4, 16 till

No(3) 17, 15, 13, 17, 17, 23, 13, 18, 15, 14,
14, 17, 10, 17, 16, 7, 17, 15, 17, 15, 16, 12, 11, 16, 14, 13, 14,

~~18, 18, 16, 17, 16, -18, 10, 14, 15, 16, 17, 17, 16, 14, 15, 17
13, 18, 16, 17, 19, 13, 14, 18, 17, 16, 216, 217, 218, 219, 220~~

Nov 1 Bay 4, 16 Bay 3, 16 Bay 9, 15/16 Bay 10, 16 Bay 13, 15
18 Bay 2, 15 Bay 4, 16

Nov. 19, 17, 13, 15, 12, 17, 15, 16, 18, 17, 16, 10, 11
15, 12, 15, 20, 19, 17, 13, 14, 16, 19, 13, 15, 18, 13, 16,
17, 18, 15, 16, 17, 18, 19, 17, 13, 15, 16, 18, 19

13, 13, 10, 17, 10, 17, 12, 16, 12, 16, 13, 18,
19, 16, 18, 15, **(100%)**

17

Patt. B.B. 7:24-8:45

No 20, 16, 18, 20, 14, 16, 20, 14, 12, 16, 14, 12, 19, 16, 12, 20,
 18, 15, 18, 17 (Беск) 14, 12, 14, (Беск) 12, 15, 13, 16,
 13, 15, 18, 18, 13, 17, 17, 13, 16, 17, 16, 13, 17, 15, 17, 16, №
 2, 16, 17, 17, 16, 19, 17, 15, 17, 16, 16, 19, 14, 17, 18,
 17, 13, 12, 16, 11, 16, 16, 17, 12, 14, 17, 16, 15, 14, 12, 12, 14,
 17, 16, 5, 11, 19, 16, 17, 11, 10, 16, 19, 16, 14, 16, 18, 12, 17
 № 16 8, 3, 18 7, 11, 17 8, 4, 12 8, 4, 17 7, 7 9, 14 8, 11 3, 11
 11 7, 14 3, 24, 18 4, 11 24, 17 8, 4, 12 7, 14 24, 17 8, 14 3,
 15 8, 3, 19 7, 14 9, 8 0, 14 24 24, 15 7, 11, 18 7, 12, 17 7, 13,
 N.C 10, 12, 16, 18, 13, 19, 4, N.C 17 7, 11 23 8, 11
 № 14, 12, 16, 16, 14, 16, 17, 16, 21, 17, 16, 16, 18, 14, 17, 16,
 18, 13, 13, 15, 17, 19, 18, 15, 15, 17, 19, 19, 18, 15, 16, 16, 12, 18,
 17, 15, 16, 16, 20, 17, 17, 16, 18, 19, 20, 16, 18, 19, 17,
 19, 17, 18, 18, 17, 20, 22, 15, 17, 16, 16, 17, 19, 19, 17, 16,
 17 (Беск) 21, 18, 13, 16, 16, 18, 14, 17, 15, 13, 21, 15, 13, 20
 № 20 7, 16, 19 7, 13, 19 7, 20, 16 7, 17, 11, 15 7, 11
 16 7, 16 8, 19 7, 14 24, 10 8, 16 8, 4, 18 8, 4

NC 1671 (7 dl), Neel

Cat. 1000

Patch A (addendum) 2445-913

N: 15, 15, 15, 16, 19, 15, 15, 16, 20, 13, 18, 9, 10, 14, 17,
 ~25, 26, 16, 15, (16-26) 16, 15, 19, 9, 14, 9, 5, 12, 5
 13, 10, 15, 15, 21, 17, 21, 18, 18, 15, 15, 14, 16, 16, 15, 2
 17, 17, 19, 15, 13, 18, 21, 22, 15, 19, (6-26) 15, 2
 N: 17, 8, 8, 7, ~0, 7, -8, -8, 19, -7, ~7, -9, -8,
 -7, -7, -4, -8, -8 ~7, 10, 18, 9, ~7, ~10, 5, ~7, -7,
 -7, -7, -6, -10, -10, 14, 12, 4, 4, 6, 20, 17, 19, 19,
 12, 19, 21, 18, 20, 19, 9, 15, 18, 7, 7, 11, 8, ~10, -8
 7, 7, 7, 9, 7, 7, ~7, ~7

No 14 M+20 dL, 15 Ba₃⁴, 20 M+20 dL, 18 Ba₃⁴
17 Ba₃³, 17 Ba₃⁴, 12 Cu₃³, 20 M+16 dL, 16 M+2
19 M+13.

No 1984-18.11, 17134, 14.9+25 d.u.;
No 13, 20%, long

8/8/14 Yadkin Natural Bridge

Resurred cages, Sampled Russell + Bamboos
Painted walls in Patch A F 4 IS

Pink and Blue

82 No 14 Nc

Clear sky, low waves

8/9/14 Yacht's Nuptials

Clear blue very bright. War

Account # 1011 AP

Painted centre Painted c

No No No No

W. H. Moore

$$\text{Beyond edge} = 2$$

New Caledonia New

No No 20

卷之三

3 3 Rite #63

(50) WEIGHT 144 lbs
1111 + 21
+ 9 + 6
Chest point 144 2 (ex) pens

144-8
14

III
③ III
+28
Rate 663

Painted snails Patch A-B

250 colored NO outlay
100% of patch (except top edge)
Many still wet, so high paint loss likely

8/14/14 Radub's Resurvey of painted snails
Partly cloudy mid swell

Patch A-B

Painted central	Painted edge	New central	New edge
33	25	86	Top edge not incl.
58/250 = 23.2%		$\Sigma = 196$	✓ 32
		$\frac{138}{196} = 70.4\%$	

Painted beyond edge (about 10cm)

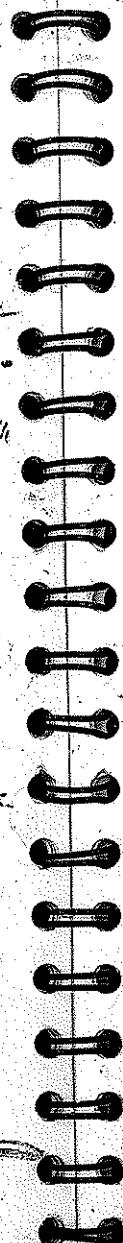
3 (1m away)
41 (1m away)
411 most with 20cm (19) Tag retention
= $\frac{19+33+25}{196} = 77/250 = 30.9\%$

All but 2 found below patch, but all in mussed bed and
not simply scraped down

Patch A-F

New central	Painted edge	New central	New edge
No 12 Nc 7	No 24 Nc 2	No 28 Nc 5	No 12 Nc 11
$\frac{10+36}{100} / 82 = 43.9\%$	$\frac{10+4}{100} / 82 = 64\%$	$\Sigma Nc = 186$	$\frac{10+36}{100} / 82 = 60.6\%$
No 11 (up to 50cm, but not < 20cm)		Nc 25	$\frac{10+36}{100} / 82 = 69\%$

Painted beyond edge
Tag retention = $\frac{47}{82} = 57.3\%$
Blue paint receptive rate appears much lower
than pink.



8/22/14 9/3/14 4B Exp patches

Thick fog, mod swell. Photos + counts
samples have given equal. Station holes visible
Pcs 3:15-6:00 Counts 6:20-8:30
A few styl. cross patches have been ripped
out. → cause of large whelk declines
Obs. only 2 pink shells in A-F (pink score)

Patches remaining to be surveyed: C E A

9/8/14 Finish up with counts + feeding sun
Foggy w/ breeze, low swell

Patch D Start 3:03 - 3:20

No 12, 15, 8, 17, 14,
No 20+22, 11, 19, 17, 22, 24, 11, 17 (Sd U),
No 16, 12, 14, 17, 18, 17, 16, 19, 15, 19, 15, 16, 18, 18, 12, 14,
12

100%

No 17 Bg 3, S14 M15 edge, O 13 Bg 3

Patch AC 3:20 - 3:26

No 14, 15, 15, 13,

100%

No D 19 Bg 1, D 17 M17 edge,

Patch AF 3:26 - 3:42

No D 15 Bg 2, W 19 Bg 3, W 17 Bg 2, D 15 M15, S 16,
D 13 Bg 2, D 13 Bg 2, D 14 Bg 2, D 17 Bg 3,
No 16, 16, 15, 18, 14, 16, 3, 15, 14, 17, 15*, 20*, 17, 17,
18, 16, 15, 18, 13, 11, 16, 13, 12, 18, 10, 18, 11, 13, 10,

100%

No 19 Bg 3, 13 M12, 11, 11

* 3 pink 4 blue

Patch F 343 - 3:58

No 17, 17, 15, 16, 13, 18, 15, 17, 15
13, 17 (4 Bsg) 17, 15, 18, 17, 20, 18, 14, 19, 18, 17, 15, 15,
16, 16,
No D15 M17 d10, S10 Bg4, W16 Bg5, D16 M12, 14 M15,
17 Bg1, 18 M16, 16 M17, 16 M16,
Well, (100%)

Wheats counts 4-448

Patch A 4:48 - 5:38

No 19 M13 34 d10, 18 M16 d10, 18 M14 19 M11, 16 M16, 16 M12, 22,
18 M12, 20 M12, 23, 17 Bg2, 19 M12, 11, 18 M12, 20,
No 15, 13, 13, 8, 14, 10, 12, 18, 10, 16, 17, 20, 17, 15, 18, 14,
14, 16, 16, 16, 20, 15, 15, 17, 14, 18, 12, 6, 7,
NC 10, 18, 8, 9, 7, 9, 13, 8, 7, 2, 19, 10, 10, 21, 19, 9, 21, 6,
4, 8, 4, 11, 8, 13, 13, 14, 12, 12, 8, 10, 9, 13, 7, 7, 12, 11, 9, 9,
12, 9, 15, 13, 9, 10, 15, 11, 11, 8, 5, 15, 6, 13, 9, 10, 10, 10, 7, 3,
NC 11 Bg2, 9 Bg2, 23 M12, 7 Bg2, 16 Bg2,
16 M12, 24 M10, 23 M12, 24 M10, 19 Bg3, 19 Bg3, 23 Bg3,
23 Bg3, 23 Bg3, 23 Bg3, 23 Bg3, 23 Bg3, 23 Bg3,
NC 21, 8, 18, 10, 21, 8, 10, 8, 5, 11, 16, 7, 8, 13, 10, 10, 14,
10, 14, 10, 11, 13, 8, 6, 7, 16, 10, 23, 8, 6, 6, 9, 9, 11,
10, 6, 13, 10, 14, 11, 11, 13, 9, 7, 13, 12, 10, 11, 11, 11,
No 17 Bg1, 18 M18, 17 Bg2, (25%, complete)

Patch B 5:40 - 6:06

NC 17, 25, 7, 6, 9, 16, 20, 22, 20, 18, 22, 23, 17, 20, 7,
7, 6, 5, 2, 17, 8, 14, 9, 11, 14, 18, 4, 22, 20, 18, 19, 14, 18, 11, 9, 10,
NC 18 Bg1, 17 Bg1, 6 Bg1, 21 Bg2, 17 Bg2, 17 Bg2, 17 Bg2
No 16, 18, 19

No 7 Bg3 d10, 16

NC 10, 10, 12, 7, 12, 7, 19, 16, 9, 11, 9

NC 22 Bg2, 5 Bg1 s1d1, 14 Bg2, 20 Bg2, 21 Bg1, 19 Bg1,
NC 6, 14, 7, 8, 17, 18, 7, 4, -12, -10, 21, 22, 16, 19, 19,
No 5, 16
NC 17 Bg2, 18 Bg1, 17 Bg1, 14 Bg1 s1d1, 20 Bg2,
NC 23, 20, 20, 18, 15, 19, 4, 16, 18, 21, 12, 21, 17, 20,
20, 15, 18, 15, 22, 9, 23, 16, 19, 17, 23,
(20%)

Patch C 6:07 - 6:58

NC 7, 3, 9, 6, 23, 13, 8, 8, 12, 3, 10, 18, 13, 6, 2,
3 x 17, 4, 7, 17, 9, 9, 6, 11, 14, -10, 12, 11, 9,
12, 10, 17, 13, 7, 16, 21, 22, 19, 8, 8, 9, 11, 17, 11, 7,
17, -13, 13, 9, 20, 13, 9, 13, 11, 11, 11, 9, 12, 10, 9, 8,
No 16, 17, 12, 18, 17, 6, 17, 17, 16, 17, 16, 18, 17,
19, 20, 18, 16, 19, 6, 18, 9, 18, 17, 20, 16,
No 15 Bg4 s1d1, 17 M14 10, 16 Bg3, 21 M13 20 M1, 23 M1
NC 14 M16 M1, 21 M12 21 M1, 19 Bg3, 23 M1 23 M1,
No 11, 21, 9, 6, 5, 8, 13, 9, 21, 11, 12, 17, 24, 18, 6,
-10, 12, 10, 8, 24, 18, 17, 20, 18, 10, 10, 9, 20, 11, 2,
19, 19, 7, 6, 8, 10, 11, 12, 20, 14, 22, 18, 19, 9, 9, 12,
19, 11, 23, 13, 10, 7, -11, -11, -13, -13, 17, 18, 19, 9,
18, 8, 5, 10, 13, 13, (50%)

Patch E 7:12 - 7:58

NC 20, 14, 6, 15, 8, 11, 8, 2, 16, 7, 15, 16, 8, 12, 10, 8, 8,
9, 7, 9, 14, 9, 9, -9, 11, 11, 11, 16, 12, 17, 12, 10, 8, 7,
No 17 M12 20 M1,
NC 4 x 9, 18, 15, 10, 9, -7, -8, 7, 15, 19, 12, 1,
No 12, 14, 15, 16, 17, 13, 17, 13, 10, 19, 8, 9, 17, 19,
No 18 M16, 16 M12 20 M1, 16 M12 27 M1, 19 Bg2,

NC 16, 16, 19, 17, 18, 17, 16, 19, 15, 16, 15, 21, 17, 16, 15,
 16, 14, 15, 13, 17, 18, 15, 19,
 NC 21 M+30 dill, 14 M+12 dill, 19 M+24 dill, 19 M+12
 NC 21, 17, 9, 4, 6, 10, ~10, 16, 13, 7, 2, 17, 4, 9, 15, 19, 18,
 9, 4, 8, 5, 17, 17, 13, 16, 17, 17, 11, 9, 9, 22, 4, ~8, -6, 13,
 NC 18 M+5 dill, 17 M+23 dill, 19 M+16, 19 M+20 dill
 NC 9, 14, 21, 19, 14, 17, 8, 20, 20, 8, 16, 9, 10, 5, 17, 10, 9, 11,
 NC 17 Bg 2, 18 Bg 3, 17 M+20 dill, 17 M+4, 20 M+18,
 NC 16 M+27 dill, 22 M+31 dill, (SOI)

Patch G 8:02 - 8:11
 No 15, 20, 18, 12, 17, 4, 16,

NC 18 M+9,

NC 19 M+11 dill,

(100%)

Patch A/B 8:11 - 8:18
 No 19, 14, 17, 13, 18, 16, 15,

NC 17, 6, (100%),

Patch A/D 8:21 - 8:38

NC 20, 21, 17, 18, 20, 20, 22, 19, 9, 4, 8, 4, 6, 8, 8,
 14, 7, 7, ~7, ~7, ~7, ~10, 9, 12, 20, 7, 10, (7, 11), 8,
 No 17, 18, 16, 14, 20, 17, 17, 12, 18, 15,

No 18 Bg 2,

NC 16 M+28 dill, 15 Bg 3, 7, 21, 11 Bg 4,
 NC 23 ~1, 18, 10, 19, 17, 12, 10, 20, 4, ~13, 9, 9, 9,
 4, ~10, ~8, 8, 14, 17, 9, 15, 8, 9, ~8, 11, ~8

NC 18 M+26 dill,

~~NC 21, 20~~

(20%)

Washed out bags

BD 2	No	NC	Notes
	5	—	(5 eggs)

9/9/14 VB Finishing feeding surveys
Clear moonlight sky, very low swell, light breeze

X B & D & F & S & P & A & M & R & E & A & B & R & R & R & R & R & R

Patch BE 4:19 - 4:37

No 15 Bg 2, 15 Bg 2, 13 Bg 2, 15 Bg 1, 14 Bg 2, 15 Bg 1,
 17 Bg 1, 18 Bg 1, 17 M+11 dill, 18 Bg 2, 18 M+9, 17 Bg 2,
 15 Bg 1

No 16, 18, 20, 13, 14, 19, 16, 18, 16, 18, 15, 13, 16, 18, 18,
 18, 18, 15, 14, 13, 12, 17, 12, 16, 16, 13, 16, 16, 17, 16,
 21, 16, 16, 16, 17, 18, 16, 19, 16, 17, 16, 17, 16, 17, 16,
 17, 17, 19, 15, 14, 17, 16, 13, 18, 16, 16, 15, 17, (100%)

Patch BF 4:38 - 5:27

No 18, 13, 15, 19, 15, 18, 18, 15, 16, 13, 9, 18, 13, 17, 16, 19, 16,
 (5 eggs) 14, 14, 15, 15, 13, 19, 17, 18, 18, (7, 13, 14, 14, 16, 18,
 18, 15, 19, 19, (5 eggs) 17, 18, 17, 18, 18, 16, 14, 18, 18, 19, 15, 15, 16,
 NC 12, 8, 11, 18,

No 15 Bg 1, 15 M+14 dill, 17 Bg 2, 18 Bg 2, 15 M+20, 18, 11, 22,

NC 20 Bg 2, 15 M+19 dill, 17 Bg 2, 18 Bg 2, 15 Bg 1

No 13, 16, 12, 18, 17, 13, 17, 17, (2 eggs) (19 eggs) 3, 12,

Pete

16(6B₃), 15B₃1, 15B₃2, 16B₃2, 13B₃1, 17M₁
17M₁19B₃, 18M₁S,
17B₃1

Mc 18, 10, 14, 14, 15, 12, 12

No. 9, 7, 5, 17, 14, 15, 16, 13, 14, 12, 17, 16, (Seagull)
11, 13, 15, 6 (Zebra) 16 (Seagull) 13, 14, 15, 12, (Seagull) 16, 17,
18, 14, 15, 16, 13, 16, 15, 13, 13, 16, 14, 17, 18, 15, 17, 13, 14, 15,
12, 15, 16, 17, 16, 9, 12, 16, 12, 19, 12, 16, 11, 12, 12, 13,
22, 12, 15, 14, 13, 3, 15, 6 (Zebra) 16, 14, 12, 19, 13, 15, 14,
15, 15, 19, 12, 14, 17, 7, 18, 15, 13, 13, 15, 14, 13, 13, 16, 19 (4 Zebra)
13, 19, 6, 13, 14, 13, 7, 16, 15, 13, 16, 17
(00)

Patrik SC 529-6117

No. 15 Bay 3, 14 ft. 6 in. all, 14 Bay 3, 18 ft. 4 in., 16 Bay 4, 3 side,
16 Bay 5 side, 7 ft. 4 in. 13 ft. 15 in., 15 ft. 20 in.
17 ft. 24 in., 14 Bay 4 side, 16 ft. 15 in. 25 in., 17 Bay 5 side
18 ft. 28 in. 18 ft. 23 in. all.

No (7, 14, 18, 19, 11, 14, 15, 16 (7 eggs) (3, 16, 17, 16 (17 eggs)
 14, 16, 17, 17, 16 (3 eggs) 17 (6 eggs) 17 (5 eggs) 16, 15 (4 eggs)
 (3, 6 eggs) 15, (7 eggs) 15, 17, 16, 15, 16, 13, 18 (6, 19,
 19, 15, 15, 14, 14, 15, 17, 18, 19 (12 eggs) 17, 15, 12, 21, 17, 16,
 17, 20, 16, 15, 12, 15, 19, 18, 17, 19 (11 eggs) (25 eggs) 13, 16, 16,

W.C.M. 10, 13;
W.C. 9(2, 1)

No. 15, 21, 14, 13, 17, 11, 12, 11 (2 eggs) (10 eggs) 19 (4 eggs) (3 eggs)
 16, 12 (2 eggs) 16, 13, 14, 12 (26 eggs) 12 (11 eggs) 16, 21, 15, 13, 2
 19, 14, 10, 16 (28 eggs) 17, 16, 18, 18 (25 eggs) 14, 10, 17, 16, 15
 (9 eggs) (22 eggs) 18, 16, 17, 17, 20, 16, 18, 18, 14 (13
 16, 18, 15, 16, 17, 15, 15, 17, 16, 17 (4 eggs) 16 (35 eggs) 17

15, 19, 12, 18, 17, 15, 18, 19, 16, 16, 14, (50%),

Patch BD 6:24 - 7:00

No 15, 15, 18 (Beggs) 20 (10 eggs), 15, 18, 15, 18, 19 (6 eggs)
 22, 7, 17, 17, 17, 18 (Sexgs), 20, 17, 16, 18, 19, 16, 17,
 (21 eggs), 15, 18, 17, 15 (Sexgs) 18, 16, 17, 18, 17, 16, 16,
 No 17, 10 (16 eggs) 2, 19, 9, 17, 23, 15, 17,
 No (7 M+20 w), 18, 14, 30 w, 16, 11+4, 16 Bg 4, 18 B
 18 Bg 3, 11 Bg 5, 6, 17 M+28 w, 15 M+6,
 No 21, M+30 w, 21 M+19 w, 24 M+32 w,
 No 18, 16, 16 (2 eggs) 17, 15, 14, 16, 17, 7, 14,
 16, 16, 17, 19, 17, 17, 19, 17, 15, 16, 17, 16, 22, 17, 18, 1
 17 (6 eggs) 11, 14 eggs), 20, 16, 17, 15, 20, 19, 17, 17,
 17, 19, 17 (20 eggs), 20, 17, 20, 22, 21, 15, 1
 17, 16, 18, 16, (30)

Revised AE 7/14 - #13

No 15, 16 (3 eggs) (26 eggs) (34 eggs) 17, 16, 15, 18,
17, 15, 16, 17 (5 eggs) 15, 14, 13, 16, 15, 17, 17, 15, 16, 17, 18
(1 egg) 16, 18, 15, 16, 20, 19, 18, 18, 17 (12 eggs) 15, 16,
13, 17

N. M. H.

No(2)H(8d), 122, 12H2d.

Petzel AG 733-812

No 16, 14, 18, 20, 16, 17, 17, 16, 15, 15, 16, 16, 15, 13, 20, 20, 16, 17, 17, 16, 20, 17, 16, 17, 18, 16, 14, 16, 24, 11, 17, 18
No 17 n 13, 17 n 14 21 d 10, 15 k 4, 20 17 22 d 11, 16 E 3
No 20, 9, 15, 16 D 2, 3

NC 20 M 23,

No 16, 17, 14, 17, 15, 17, 14, 17, 20, 16 (Says) 25
15, 20, 18, 17, 19, 22, 15, 21, 17, 21, 19, 23, 17, 19, 18,
No 19, 18, 23, 20, 17, 16, 23, 18, 16, 22, 18, 17,
No 16 Bgs, 9 Bgs, 17 m 18, 18 m 23, 18 Bgs,

NC 20 Bgs, 23 Bgs, 21 m 7 dd, 1

No 16, 14, 17, 18, 18, 15, 16, (18 eggs) 12, 16, 13, 17,
19, 20, 17, 15, 14, 18, 17, 19, 18, 18, 19, 18, 12 (7 eggs)
17, 18, 17, 17, (7 eggs) 16, 23, 18, 16, 18, 12, 17 (7 eggs)

NC 16, 8,

No 18, 16, 17, 20, 15, 16, 15, 17, 18, 16 (20 eggs) 12, 16,
16, 18, 14, (7 eggs) 15, 15, 19, 17, (7 eggs) 17 (6 eggs)
18, 18, 18, 17, 15, 16, 1, 16,

(100%)

Ded 13 Bgs S: 13 - 838

No 17 m 6, 18, 4, 16 m 22 dd, 14 m 24 dd, 11
16 m 23, 16 m 23 dd, 19 m + 3, 18 m + 23 dd,
17 m + 7 dd, 16 Bgs, 4, 17 m + 21 dd, 16 m + 3, 15 Bgs, 4 side
NC 22, 20, 14, 19,

No 17, 16, 17, 13 (7 eggs) 18, 18, 17, 17, 18, (7 eggs)
11, 18, 20, 16, 16, 20, 13, 13, 20, 20 (3 eggs) 14, 19, 21,
15, (42 eggs) 15, 13, (72 eggs) (110 eggs) (35 eggs)
23, 17, (8 eggs) 17, 18, 16, 17, 18, 15, 15, (6 eggs)
17, 19, 16, ~ 6, 17, 15, 17, (17 eggs) 16, 16, 17, (7 eggs)
(8, 16, 20, 14, 15, 13, 20, 12, 18, (16 eggs) 17, 18, (16 eggs)

No 14 m + 19 dd,
NC 14 m + 27 dd,

(100%)

9/9/14 cont.

Collected shells for Isaac

~~6 No from each + 6 No from same~~

10/7/14 YB Nat Bridge

9 gulls, one dead

Heavy fog, low swell, no waves, cold
Patch A Start 17:39 - 1825

NC 16 Bgs, 12 Bgs 2 side 10 m + 22 dd, 11 Bgs 4 side,
13 m + 19 dd, 12 Bgs 4 side (3 Bgs 4 side, 14 m + 15 dd,
11 Bgs 4, 8 Bgs 2, 9 Bgs 5 side, 11 m + 12 dd, 16 m + 18 dd, 12 Bgs 4)

NC 12, 11, 11, 7, 10, 11, 7, 13, 11, 7, 12, 12, 21, 12, 14, 9, 13, 9,
15, 16, 10, 9, 10, 11, 9, 13, 11, 12, 10, 9, 11, 11, 5, 8, 9, 8, 6, 11,
14, 14, 10, 13, 12, 11, 11, 8, 11, 13, 11, 15, 10, 14, 12, 10, 11, 15, 12,
7, 10, 7, 14, 10, 10, 10, 12, 14, 10, 13, 7, 11, 7, 10, 9, 7, 7, 15,
No 15, 9, 12, 16, 16, 11,

No ~8, 11, ~8, 7, 11, 6, 7, 16, 14, 14, 12, 8, 8, 7, 11, 10, 5,
11, 12, 10, 11, 13, 12, 13, 12, 14, 12, 8, 9, 10, 8, 12, 11, 3, 3, 12,
9, 8, 14, 10, 9, 13, 11, 11, 10, 10, 1, 12, 12, 11, 14, 10,

NC 16 Bgs 4 side,

(115%)

Patch C 18:26 - 1857

NC 19 Bgs, 21 Bgs 4 side, 12 m + 23 dd, 8 m + 28 dd,
21 m + 14 dd, 13 Bgs 4, 3 Bgs, 11 m + 24 dd, 6 Bgs, 5 m + 4 dd,
13 m + 4, 11 m + 2 dd, 9 m + 5 dd,

NC 18, 24, 11, 14, 8, 6, 12, 8, 10, 13, 14, 10, 8, 8, ~8-8,
12, 8, 10, 14, 8, 12, 7, 20, 8, 20, 19, 9, 10, 1, 8, 7, 10,
13, 12, 14, 13, 12, 13, 10, 6, 6, 6, 10, ~20, 11, 2, 6, 7, 9, 6, 5, 11,

No 5, 6, 5, 5, 13, ~6, 6, 8, 9, 11, 10, 5, 9, 10, 19, 10, 9, 5,
No 6 m + 4,

20%, 6, 12, 8, 8, 5, 11, 12, 9, 11, 12, 15,
13, 6, 6, 11, 9, 11 (late in the rain)

Patch E 19:01 - 19:30

NC 8, 9, 5, 13, 9, 11, 10, 7, 9, 9, 9, 5, 9, 10, 1, 14, 10, 6,
10, 6, 10, 9, 11, 10, 10, 2, 5, 13, 13, 13, 11, 11, 6, 9, 9, 10, 9,
19, 10, 11, 8, 13, 22, 15, 10, 8, 9, 2, 13, 10, 2, 7, 19, 10, 9, 7,
No 10, 9, 8, 16, 15, 15, 8,

NC 10, 5, 11, 9, 11, 10, 8, 3 side, 10, 11, 13 all, 9, 11, 13 all,
NC 12, 5, 7, 9, 7, 3, 4, 6, 7, 12, 16, 7, 9, 10, 5, 9, 7, 12,

(257)

Patch F 19:35 - 19:52

No 9, 10, 9, 17, 11, 6, 8, 6, 16, 9, 10, 18, 12, 11, ~5, 17

NC 12, 7, 2, 11, 16, 11, 6, 6, 8, 16, 22

(100%)

Patch D 19:53 - 20:12

NC 5, 7, 11, 6, 12, ~7, 20, 12, 7, 7, 15, 18, 10, (100%)

No 9, 17, ~3, 5, 12, (16 eggs) 10, ~8, 14, 16, 9, 7, 14

NC 12, 17, 15, 20, 15, 11, 15 all, 22, 13 + 20 all,

NC 6, 12, 9, 16, 10, 6, 13, 10, 15,

(100%)

Patch AC 20:13 - 20:19

No 14,

(100%)

Patch BE 20:21 - 20:27

NC 13, 8, 3, 12, 8, 1,

No 15,

(100%)

Patch BF 20:28 - 20:34

NC 5, 12, 13, 10, 18, 15

NC 12, 17,

(100%)

X 9 (1) C 8 E 8 G 6 NC AC AB VE
AP AP 8/6 8/6 8/6 BE 8/6

(left)

10/9/14 XB w/ Stephanie + Brooke (prey)

Foggy low swell, no waves
6 gulls

Patch B 18:32 - 19:12

NC 22, 8, 2, 12, 2, 16, 17, 10, 20, 11, 20, 2, 3, 18, 3,
7, 14, 20, 10, 11, 13, 20, 10, 14, 7, 20, 8, 2, 14, 2, 3,
7, 8, 2 side, 3, 8, 1, 10, 8, 2 side, 8, 2, 3, 8, 13, 11, 11,
NC 9, 10, 5, 7, 9, 10, 6, 9, 8, 1, 6, 6, 7, 10, 6, 9, 8, 6, 13, 5,
5, 9, 9, 4, 10, 1, 14, 6, 7, 5, 8, 18, 12, 7, 3, 11, 12, 10, 13, 13,
9, 12, 6, 9, 12, 12, 13, 17, 10, 12, 15, 6, 6, 8, 6, 6, 7, 20, 5, 6, 8,
7, 8, 20, 10, 4, 9, 9, 8, 9, 13, 10, 12, 10, 10, 22, 11, 8, 13, 14, 11, 13.

No 9, 9, 5, 6,

NC 9, 10, 10, 13, 6, 14, 11, 5, 6, 14, 9, 20, 9, 8, 8, 21, 8, 8,

8, 9, 8, 5, 9, 6, 6, 11, 7, 9, 3, 10, 18, 8, 9, 7, 22, 15, 10, 23,

NC 8, 8, 1, 21, 8, 2, 16, 8, 2, 17, 17 + 8, 20, 16, 16, 17 + 9,

(307)

Patch G 19:13 - 19:31

NC 21, 8, 3, 7, 17 + 4, 20, 13, 7 + 6, 2, 0,

No 9, 7, 5, 16, 16, 8, 6,

NC 6, 4, 5, 6, 11, 3, 8, 11, 4, 6, 7, 3, 4, 10, 5, 4, 6, 20, 3, 8,

7, 7, 6, 7, 8, 6, 4, 6, 8, 8, 6, 11, 7, 6, 8, 9, 5, 10, 9, 13,

(100%)

Rite in the Rain

Patel AB - 1932 - 1947

No 18 M+9, No 12, 17, 6, 12, 15,
No 15 Bg 2, 5 M+5 d, 7 M+3, 5 M+5,
No 16, 13, 15, 15, 16, 7, 18, 7, 5, 8, 3, 5, 11, 3, 9, 13, 10, 16, 9
(100%)

Patel BD 1944 - 2010

No 9 (3 eggs) 15, 12, 15, (2 eggs) 11, 7, 17, 29, 14,
No 15, 16, 10, 6, 8, 12, 15, 20, 14, 7, 13, 5, 6, 11, 13, 22,
No 7 Bg 3 gray
No 10 Bg 5 side, 10 M+6 d, 11, 18, 4,
No 8, 20, 19, 12, 15, 11, 14, 8, 6, 9, 11, 1, 3, 8, 12, 17
No 9, 18, 16, 17, 9, (100%)

Several new small patches < 5 cm²

Patel BC 2011 - 2012

No 15 (2 eggs) 15, 20, 9, 6, 13, 9, 11, 16, 12, 8, 2, 9, 16,
No 8, 10, 9, 11, 12, 13, 20, 11, 7,
No 7 M+5 d, (100%)

Patel AD 2013 - 21.09

No 18, 17, 6, 17, 12, 11, 4, 11, 13, 10, 9, 10, 11, 7, 18, 16, 8, 12, 11,
19, 15, 10, 8, 10, 11, 10, 10, 11, 8, 5, 20, 8 M+10, 10, 10, 9, 11,
No 16 M+7, 1, 6 Bg 1, 11 Bg 2, 15 Bg 3, 7 Bg 2, 8 M+3 d, 20 M+3 d
No 8, 10, 7, 17,
No 5 Bg 2, 8 Bg 3 side, 11 Bg 2, 8 Bg 2, 4 d, 9 M+9 d, 11,
No 12, 11, 8, 9, 11, 9, 7, 10, 5, 3, 4, 9, 12, 22, 22, 8, 14,
10, 11, 12, 11, 11, 3, 10, 9, 10, 12, 13, 10, 10, 11, 13, 11, 10, 11,
No 11 Bg 4 d, 9 Bg 1, 14 Bg 2, 11 Bg 1, 18 M+5,
20 M+3, 16 Bg 2, 17 M+4, 5 d, (100%)

No 7, 5

No 9, 8, 10, 7, 7, 2, 11, 10, 10, 7, 2, 8, 1, 1, 10, 6, 6, 7,
10, 8, 9, 8, 7, 11, 10, 1, 5, 4, 7, 6, 10, 11, 10, 19, 6, 2, 11,
8, 8, 10, 4, 11, 8, 7, 5,
No 9 M+4 d, 1, 13 M+5, 6, 7+5, 13 M+7 S d, 10,
10 M+1, 10 Bg 1, 9 M+12, 6 d, 11

No 6 M+7 d, 10

35%

Patel AF 21.11 - 21.22

No 17, 8, 5, 3, 9, 7, 6, 15, 10, 12, 4, 18, 11,

No 9 Bg 4 side

No 10, 13, 16, 7, 11, 15, 8, (100%)

Patel A.G. 21.23 - 21.43

No 7, 6, 8, 6, 2, 6, 7, 9, 13, 6, 9, 10, 12, 8, 10, 7, 7, 7,
11, 8, 6, 1, 9, 14, 4, 8, 10, 9, 20,
No 8, 10, 16, 5, 17, 19, 17, 16, 20, 23, 15, 19, 10, 2, 20,
13, 7, 5

No 18 M+3 d, 11, 17 M+2 d, 18 M+2 d, 20 M+2 d, 16,
16 Bg 1, Still lots of eggs in all patches, but old

Patel RB 21.44 - 21.57

No 7, 5, 3, 8, 15, 10, 10, 9,
No 12, 8, 10, 13, 14, 12, 10, 8, 7, 8, 7, 11, 18, 19,

No 3 Bg 1, 15 M+2 d, 18 M+2 d, (100%)

100%

Pete in the Rain

* Puk

Patch AF 2157-22113

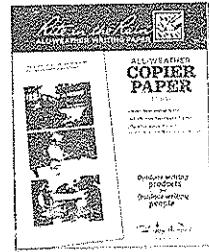
NC 11Bx1, 15Q, B, 9P, 1, 73Bx2, 17R, 2,
16Bx2, 15T, 14, 15P, 2, 16Bx3, 17R, 3, 12Bx2,
NC 10, 15, 20, 21, 13, K, 15, 5, 10, 9, 17, 14, 14, 14
A 11, 8, 11,
15Q, 7, 19, 12, 14, 9, 6, 15*, 16,
15, 12, Bx2, 9, 14, 14, 11, 14P, 2, 1


10/13/14 XB

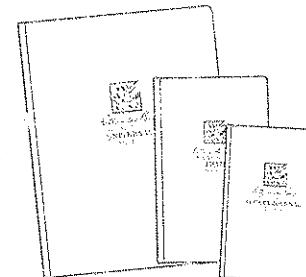
- Whelk counts + pictures after not being able to go on 10/10 due to greater wave warning.
- Saw river otter on arrival

Rite in the Rain
ALL-WEATHER WRITING PAPER

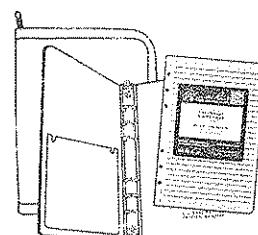
Outdoor writing products
for Outdoor writing people



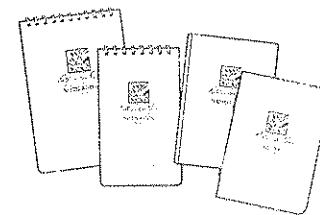
Copier & Ink-Jet Paper



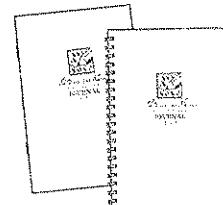
Bound Books



Loose Leaf
with Ring Binder



Memo Books



Notebooks



All-Weather Pens