

## TYTONIDAE

### Barn Owl, *Tyto alba*

#### 6 records:

##### Burke Museum cards:

King County, nest with 3 young,  
extrapolated first-egg date 16 April 1981  
(Julian day 106).

King County, nest with 3 young,  
extrapolated first-egg date 16 April 1981  
(Julian day 106).

Thurston County, nest with 4 young,  
extrapolated first-egg date 8 April 1978,  
(Julian day 98).

Thurston County, nest with 8 eggs,  
extrapolated first-egg date 9 March 1983  
(Julian day 68).

Franklin County, nest with 3 young,  
extrapolated first-egg date 14 May 1980  
(Julian day 134).

##### Collected clutch:

PSM 14874: 7-egg set, Pierce County,  
extrapolated first-egg date 4 March 1967  
(Julian day 63).

## STRIGIDAE

### Flammulated Owl, *Otus flammeolus*

Recorded to breed in Washington, but no records in our files.

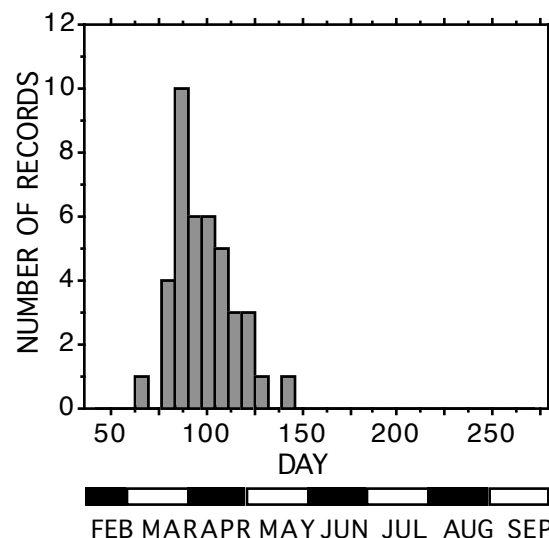
### Western Screech-Owl, *Otus kennicottii*

**Records:** 40. Burke Museum nest record  
cards=3; egg sets=35; field notes=2.

**Counties:** Benton=7; King=1; Kittitas=1;  
Pierce=4; Spokane=1; Walla Walla=1;  
Whitman=3; Yakima=22.

**First-egg dates:** Earliest 10 March (Julian  
day 69); latest 20 May (Julian day 140). The  
right skew in the distribution of first-egg  
dates suggests frequent renesting after  
failure.

**Clutch size:** 37 usable records. Mean 3.5  
eggs. Distribution: 2 eggs (N=3), 3 eggs  
(N=15), 4 eggs (N=15), 5 eggs (N=4).



**Season and clutch size:** Clutch size did not  
change significantly with season.

### Great Horned Owl, *Bubo virginianus*

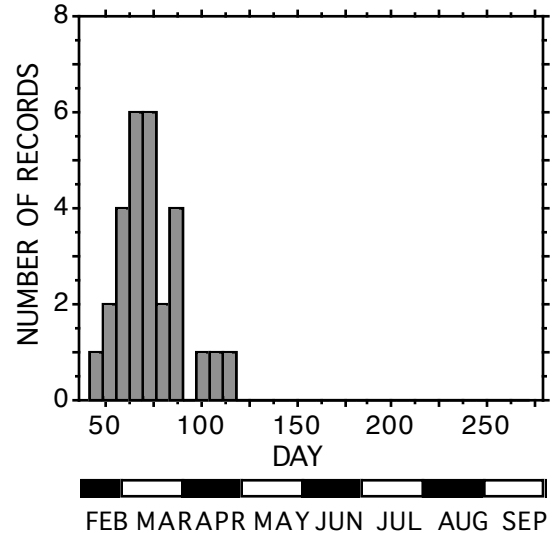
**Records:** 28. Burke Museum nest record cards=15 (class cards=2); egg sets=12; field notes=1.

**Counties:** Adams=2; Benton=2; Douglas=1; Franklin=1; King=1; Lincoln=3; Okanogan=1; Spokane=7; Walla Walla=1; Whitman=2; Yakima=7.

**First-egg dates:** Earliest 11 February (Julian day 42); latest 28 April (Julian day 118). This species lays very early, with a median date for Washington of 12 March (Julian day 71).

**Clutch size:** 11 usable records. Mean 2.7 eggs. Distribution: 2 eggs (N=6), 3 eggs (N=2), 4 eggs (N=3).

**Season and clutch size:** Clutch size did not change significantly with season.



### Northern Pygmy-Owl, *Glaucidium gnoma*

Recorded to breed in Washington, but no records in our files.

### Burrowing Owl, *Athene cunicularia*

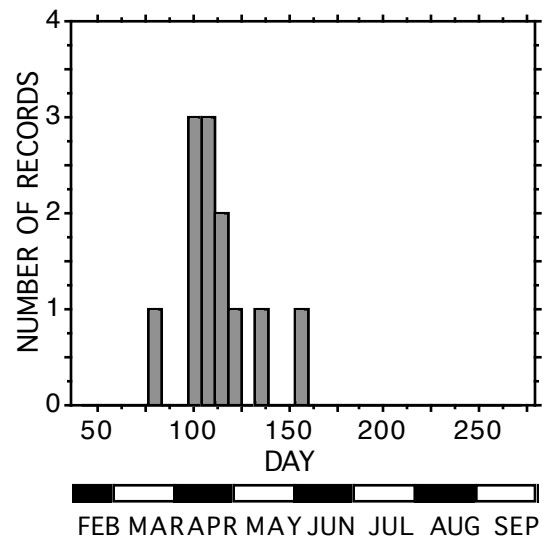
**Records:** 12. Burke Museum nest record cards=5; egg sets=7.

**Counties:** Adams=1; Benton=1; Grant=2; Lincoln=1; Okanogan=1; Spokane=1; Walla Walla=2; Yakima=3.

**First-egg dates:** Earliest 23 March (Julian day 82); latest 8 June (Julian day 159). First-egg dates span a 12-week season.

**Clutch size:** 3 usable records. Mean 9.3 eggs. Distribution: 9 eggs (N=2), 10 eggs (N=1).

**Season and clutch size:** Not evaluated because there were just 3 usable records.



### Spotted Owl, *Strix occidentalis*

**1 record:** A 7-9 day old chick (UWBM 43099), salvaged 25 May 1990 on the North Fork of Tunnel Creek, Jefferson County, extrapolated first-egg date 18 April (Julian day 108).

### Barred Owl, *Strix varia*

**1 record:** A Burke Museum card for a brood of three young near Sedro Woolley, Skagit County on 23 May 1975; extrapolated first-egg date 5 April (Julian day 95).

### Great Gray Owl, *Strix nebulosa*

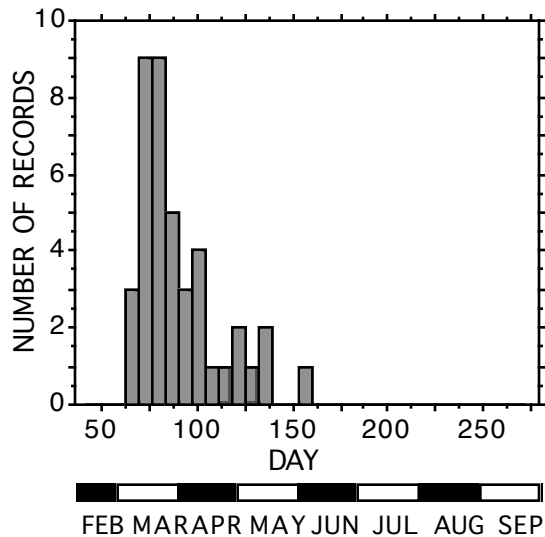
Recorded to breed in Washington, but no records in our files.

### Long-eared Owl, *Asio otus*

**Records:** 41. Burke Museum nest record cards=24 (class cards=7); egg sets=14; field notes=3.

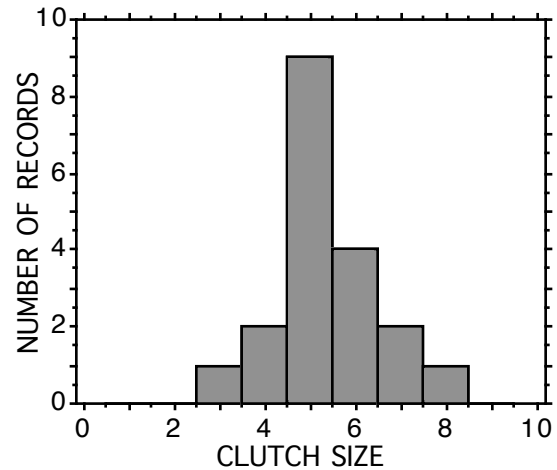
**Counties:** Benton=5; Douglas=3; Grant=16; Lincoln=2; Snohomish=1; Spokane=1; Walla Walla=1; Whitman=3; Yakima=9.

**First-egg dates:** Earliest 6 March (Julian day 65); latest 3 June (Julian day 154).



The distribution of first-egg dates peaks early (median date 24 March; Julian day 83), but extends into June.

**Clutch size:** 19 usable records. Mean 5.4 eggs.



**Season and clutch size:** No significant change with extrapolated first-egg date was observed

### Short-eared Owl, *Asio flammeus*

**7 records:**

Burke Museum card:

King County, nest with 9 young,  
extrapolated first-egg date 13 April 1966  
(Julian day 103).

Collected clutches:

UWBM 5724: 5-egg set, Yakima  
County, extrapolated first-egg date 12  
April 1913 (Julian day 102).

PSM 14968: 7-egg set, Benton County,  
extrapolated first-egg date 24 March)  
1931 (Julian day 83).

WFVZ 4486: 7-egg set, Benton County,  
extrapolated first-egg date 30 May 1927  
(Julian day 150).

WFVZ 115256: 9-egg set, Benton  
County, extrapolated first-egg date 18  
March 1933 (Julian day 77).

WFVZ 17543: 7-egg set, Benton  
County, extrapolated first-egg date 4  
April 1931 (Julian day 94).

Field notes:

Whitman County, nest with 5 eggs,  
extrapolated first-egg date 27 May 1952  
(Julian day 147).

### Boreal Owl, *Aegolius funereus*

Recorded to breed in Washington, but no records in our files.

### Northern Saw-whet Owl, *Aegolius acadicus*

**1 record:** PSM 14976: 4-egg set, Yakima County, collected 12 April 1909, extrapolated first-egg date 6 April (Julian day 96).

## CAPRIMULGIDAE

### Common Nighthawk, *Chordeiles minor*

**Records:** 45. Burke Museum nest record cards=20; egg sets=25.

**Counties:** Adams=1; Benton=2; Douglas=1; Grant=1; Grays Harbor=1; King=4; Kittitas=1; Lewis=1; Lincoln=1; Pierce=16; Skagit=1; Spokane=14; Yakima=1.

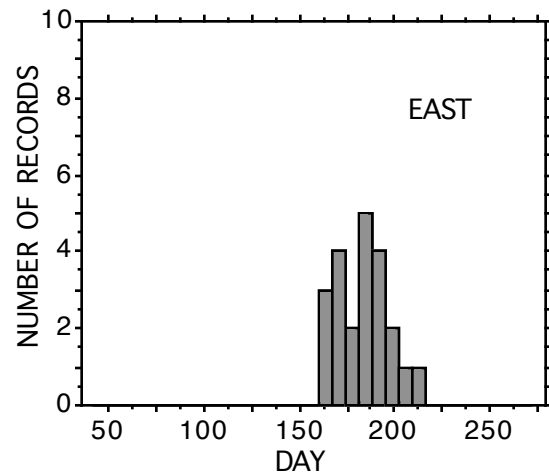
**First-egg dates:** Earliest 30 April (Julian day 120); latest 30 July (Julian day 211).

First-egg dates tend to be earlier for western than eastern Washington. For western Washington the median first-egg date is 24 June (Julian day 175); for eastern Washington it is 4 July (Julian day 185); this difference just misses statistical significance (Mann-Whitney test,  $P = 0.066$ ).

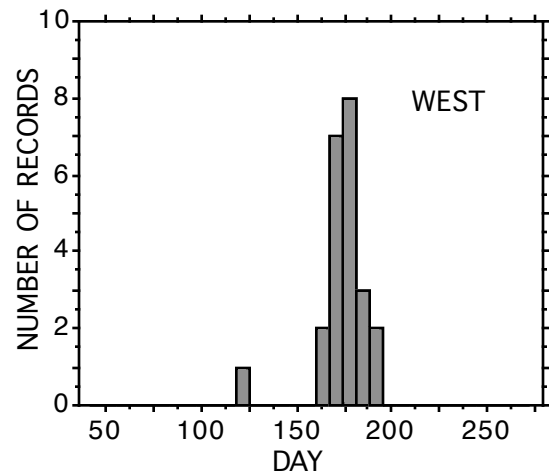
First-egg dates are also earlier for regions below 2000' (Median 24 June; Julian day 175), than for higher elevations (Median 6 July; Julian day 187); this difference is significant (Mann-Whitney test,  $P = 0.03$ ).

**Clutch size:** 28 usable records. Mean 1.9 eggs. Distribution: 1 egg ( $N=3$ ), 2 eggs ( $N=25$ ).

**Season and clutch size:** No significant change with extrapolated first-egg date was observed, but most clutches had 2 eggs.



FEB MAR APR MAY JUN JUL AUG SEP



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### Common Poorwill, *Phalaenoptilus nuttallii*

**1 record:** A Burke Museum card for a clutch of 2 eggs near Liberty, Kittitas County, extrapolated first-egg date 10 July 1979 (Julian day 191).

## APODIDAE

### **Black swift, *Cypseloides niger***

Recorded to breed in Washington, but no records in our files.

### **Vaux's Swift, *Chaetura vauxi***

#### **5 records:**

#### Burke Museum cards:

King County, nest with young,  
extrapolated first-egg date 19 June 1974  
(Julian day 170).

King County, nest with young,  
extrapolated first-egg date 28 June 1975  
(Julian day 179).

Skamania County, nest with one young,  
extrapolated first-egg date 1 May 1983  
(Julian day 121).

#### Collected clutches:

WFVZ 85054: 3-egg set, Columbia  
County, extrapolated first-egg date 3  
June 1899 (Julian day 154).

PSM 15069: 4-egg set, King County,  
extrapolated first-egg date 24 June 1925  
(Julian day 175).

### **White-throated Swift, *Aeronautes saxatalis***

Recorded to breed in Washington, but no records in our files.

## TROCHILIDAE

### **Black-chinned Hummingbird, *Archilochus alexandri***

**1 record:** A Burke Museum card for a female collecting nesting material and, later, the appearance of two fledglings in the same yard, Spokane, Spokane County, 25 May- 13 July 1970, extrapolated first-egg date 8 June (Julian day 159).

### **Anna's Hummingbird, *Calypte anna***

**5 records:** All Burke Museum cards:

King County, 2-egg clutch, extrapolated first-egg date 28 March 1977 (Julian day 87).

King County, nest with 2 young, extrapolated first-egg date, 13 February 1978 (Julian day 44).

King County, nest with 2 young, extrapolated first-egg date, 24 February 1978 (Julian day 55).

King County, nest with 2 young, extrapolated first-egg date, 13 March 1989 (Julian day 72).

King County, nest with 2 young, extrapolated first-egg date, 21 April 1977 (Julian day 111).

### **Calliope Hummingbird, *Stellula calliope***

**7 records:**

Burke Museum cards:

Chelan County, nest with 2 young, extrapolated first-egg date 9 June 1962 (Julian day 160).

Chelan County, active nest, no information on contents, extrapolated first-egg date 13 June 1979 (Julian day 164).

Spokane County, nest with 2 young, extrapolated first-egg date 13 April 1963 (Julian day 103).

Spokane County, nest with 2 young, extrapolated first-egg date 19 June 1973 (Julian day 170).

Yakima County, nest with 2 eggs, extrapolated first-egg date 29 May 1973 (Julian day 149).

Pend Oreille County, nest with 2 eggs, extrapolated first-egg date 17 June 1959, (Julian day 166).

Collected clutch:

UWBM 34629: 2-egg set, Kittitas County, extrapolated first-egg date 23 May 1982 (Julian day 143).

## Rufous Hummingbird, *Selasphorus rufus*

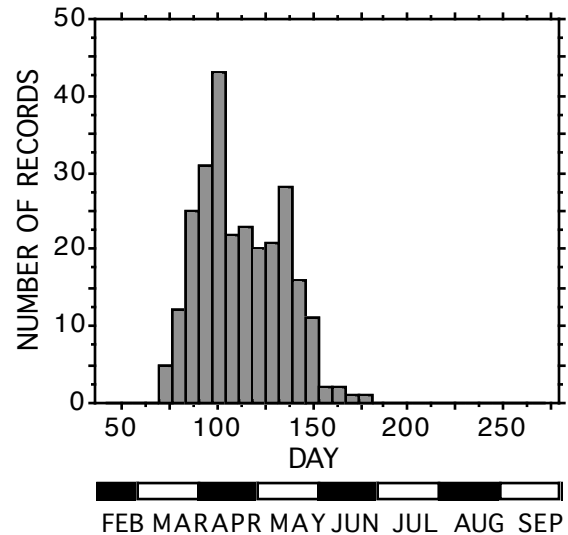
**Records:** 263. Burke Museum Nest Record cards=228 (class cards=8); egg sets 33; field notes=2.

**Counties:** Grays Harbor=25; Island=1; King=9; Kitsap=1; Pacific=210; Pierce=12; Snohomish=1; Thurston=1; Whatcom=3.

**First-egg dates:** Earliest 11 March (Julian day 70); latest 24 June (Julian day 175). Over 70% of records fall between 25 March (Julian day 84) and 13 May (Julian day 133). The long period of nest initiation and peaks in early April and late May suggest that females raise two broods. All records are for western Washington lowlands.

**Clutch size:** 166 usable records. Mean 2.0 eggs. Distribution: 1 egg (N=3), 2 eggs (N=162), 4 eggs (N=1).

**Season and clutch size:** Most clutches have 2 eggs, so this analysis is not relevant.



## ALCEDINIDAE

### Belted Kingfisher, *Ceryle alcyon*

**6 records:**

Burke Museum card:

King County, content not checked, extrapolated first-egg date 30 April 1981 (Julian day 120).

Collected clutches:

UWBM 67319: 6-egg set, Walla Walla County, extrapolated first-egg date 9 May 1933 (Julian day 129).

PSM 15134: 7-egg set, Pierce County, extrapolated first-egg date 5 May 1925 (Julian day 125).

PSM 15135: 6-egg set, Pierce County, extrapolated first-egg date 5 May 1934 (Julian day 125).

PSM 15136: 7-egg set, Benton County, extrapolated first-egg date 30 April 1920 (Julian day 120).

WFVZ 13506: 6-egg set, King County, extrapolated first-egg date 24 May 1927 (Julian day 144).