

*1888-90*  
*U.S.A. Medical Department*

U. S. A.  
MEDICAL DEPARTMENT.  

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BLANK BOOK

Left Snelling + reached Douglas. July 5, 1890.  
Left Douglas July 20.  
Returned to Douglas July 24.  
Returned to Snelling July 28.

Gramme  
McArthur  
Edwards  
Evans  
Clark

7124 7300 *Piranga erythronelas* ♂ ad. July 9, 1890. Camp Douglas, Wis.  
 7125 7301 *Sylvania canadensis* ♂ ad. do  
 7126 7302 *Helminthophila ruficapilla* ♂ ad. do  
 7127 7303 *Mniotilta varia* ♀ ad. do  
 7128 7304 *Mesula migratoria* ♀ ad. do  
 7129 7305 *Myiarchus cinerascens* ♂ ad. do  
 7130 7306 *Pipilo erythrophthalmus* ♀ ad. do  
 7131 7307 *Agelaius macroura* ♀ ad. do  
 7132 7308 *Mniotilta varia* ♀ ad. do  
 7133 7309 *Contopus virens* ad. do  
 7134 7310 *Progne subis* ♂ juv. July 11, 1890. Camp Douglas  
 7135 7311 *Spizella breweri* ♀ ad. do  
 7136 7312 *Turdus axillaris pallasi* ♂ ad. do  
 7137 7313 *Pipilo erythrophthalmus* ♂ ad. July 12, 1890 do  
 7138 7314 *Cyanospiza cyanea* ♂ ad. do  
 7139 7315 *Spizella pusilla* ♂ ad. do  
 7140 7316 *Spizella socialis* ♀ ad. do  
 7141 7317 *Coccyzus erythrophthalmus* ♂ ad. do  
 7142 7318 *Seiurus aurocapillus* ♂ ad. do  
 7143 7319 *Geothlypis trichas* ♂ ad. do  
 7144 7320 *Melospiza fasciata* ♂ ad. do  
 7145 7321 *Brewer's* ♂ juv. July 14, 1890 do  
 7146 7322 *Turdus axillaris pallasi* ♂ ad. July 14, 1890 do  
 7147 7323 *Spinus tristis* ♂ ad. do  
 7148 7324 *Trochilus colubris* ♂ ad. July 15, 1890 Camp Douglas  
 7149 7325 *Sturnella magna* ♂ ad. do  
 7150 7326 *Luscalus quiscalus aeneus* ♂ ad. do  
 7151 7327 *Melanerpes erythrocephalus* ♀ ad. do  
 7152 7328 *Poocætes gramineus* ♂ ad. do  
 7153 7329 *Lanius ludovicianus excubitorides* ♀ juv. do  
 7154 7330 " " ♀ juv. do  
 7155 7331 *Piranga rubra* ♂ ad. July 15, 1890. not measured, do  
 7156 7332 *Poocætes gramineus* ♂ ad. July 17, 1890, not measured. do  
 7160 7333 *Spinus tristis* ♀ ad. July 17, 1890. Camp Douglas, Wis. do  
 7161 7334 " " ♂ ad. do  
 7162 7335 *Pipilo erythrophthalmus* ♂ ad. do  
 7163 7336 " " ♂ ad. do  
 7164 7337 *Icterus galbula* ♂ 2 juv. do

7157 7338 *Coereba americana* ♂ juv. July 16, 1890. Camp Douglas  
 7158 7339 *Molothrus ater* ♂ juv. do  
 7165 7340 *Chordeiles virginianus* ♂ ad. July 18, 1890 do  
 7169 7341 *Circus hudsonius* ♀ juv. July 26, 1890 do  
 7170 7342 *Helminthophila ruficapilla* ♂ ad. do  
 7171 7343 *Progne subis* ♂ juv. do  
 7172 7344 " " ♂ juv. do  
 7173 7345 " " ♂ ad. do  
 7174 7346 *Dendroica virens* ♂ ad. do  
 7166 7347 *Geothlypis trichas* ♀ ad. July 25, 1890 do  
 7167 7348 *Cistothorus stellaris* ♂ ad. do  
 7168 7349 *Melospiza fasciata* ♂ juv. July 26, 1890 do

Number	Sex and age	Length	Alar expanse	Wing	Tail	Culmen	Nostril	Height	Width	Gape	Tip of bill to center of pupil	Tip of bill to occiput	Base of bill to occiput	Tibia
7124	♂ ad	177	307	98	69	15	10	9	10	19	25	37	24	29
7125	♂ ad	137	203	68	58	9.5	7	4.5	6	14	17.5	28.5	19	24
7126	♂ ad	122	196	61	46	10	7.3	4	4.5	13	16	22	18	23.5
7127	♀ ad	132	215	70	53	11.5	9	4	5.5	16	19.5	31	19	25.5
7128	♀ ad	299	400	128	95	19	12	7.4	12	27	31.5	48	30	48
7129	♂ ad	226	345	111	103	19	15	7.2	12	28	31	45	28	30.5
7130	♀ ad	210	275	85	92	16	11	11	9	21	3.5	41.5	26.5	38
7131	♀ ad	305	465	160	148	12	10	4.2	6	21	28	41	30	39
7132	♀ ad	133	213	70	54	12.5	10	4	5.5	16.5	20	32	19	24
7133	♀ ad	166	268	87	72	13	10	4.3	9	20.5	24	35	22	24
7134	♂ juv	174	430	155	84	23	8.5	6	18	24	25.5	40	31	26
7135	♀ ad	141	224	71	61	10.2	7.3	5.8	6.3	11.5	15	27	19	24.5
7136	♂ ad	183	292	93	73	15	10.2	5.8	10	23	26	40	25	39
7137	♂ ad	226	301	99	112	15.5	10.5	10.5	10	20	23	39	27	39
7138	♂ ad	138	223	71	54	11	8.2	7	7	13	17	27	19	25
7139	♂ ad	140	208	64	62	10	6.5	5.9	5.9	11.5	26	26	18	25
7140	♀ ad	140	222	72	62	9.9	7	5.7	6.2	11	14.5	26	18.5	23
7141	♂ ad	295	390	140	163	22	17	8.5	11.5	32	35	48	28	35
7142	♂ ad	158	242	76	58	12.5	9	5	6	17	21	33	22.5	29
7143	♂ ad	135	188	59	54	12	8	3.8	5.7	14	18.5	31	19	28
7144	♂ ad	168	225	70	75	13	9.2	8	8	14	19	32	22	22
7145	♂ ad	188	304	96	77	14.5	10	5.3	8.8	23	26	41	26	39
7146	♂ ad	136	230	75	53	11	9	7	6.5	12	16	28	19	22.5
7147	♂ ad	94	102	40	31	15	—	1.8	2.2	19	23	30	14	10
7148	♂ ad	250	392	121	78	32	21	12	10.5	25	39	59	29	53
7149	♂ ad	331	466	149	139	32	24	15	12	38	42	65	35	57
7150	♀ ad	244	431	135	86	26	21	8	12.5	34	39	56	30	34
7151	♂ ad	163	277	87	66	12.3	8	8.5	8	14	19	33	22	30
7152	♀ ad	127	223	70	48	9.5	7.4	7.2	6.1	11	14.5	25	18	23
7153	♂ ad	231	607	210	115	7.7	5	—	—	27	28	37	31	32
7154	♂ ad	210	425	150	84	11	8.5	—	—	23	25	38	28	32
7155	♂ ad	143	225	74	58	11.3	8	—	—	15	20	31	21	25

Tarsus	Mt	Mid	Cl.	Al	Cl.	Minor cl.	Outer cl.	Pomarine beyond median	Tip of shortest to that of longest rectrix
18.5	18	13.0	5.5	13	5.5	4	3.7	28	3
18	15	10.3	5.0	11.5	5.4	4	4	15	5
18.5	14.5	10.7	4	11	4.8	3.5	3.2	13.5	4
18.5	17.5	13.0	4.6	16	6.2	4	4.1	15.2	2
33	29	23	6.5	20	9	5.8	5.3	31	2
21	18	13	5.5	16	9.5	5.5	5	21	5
28	26	19	7.5	20	9.5	7	6.5	8	10
21	25	19.2	6	17.5	6.6	5.2	5	48	7.3
18	17	13	4.5	16	6.5	4	4.1	15	2
14	14	9.0	5.5	11.5	6	4	3.6	26	5
17	21	15.5	6	15	7	5.5	4.6	7.2	16
18	16	12.0	4.6	13	5.8	3.7	3.2	11	5
31.5	23	17.3	6	18	7.5	4.1	4.1	19	5
29	27	19	8	20.5	10	7	6.5	13	9
18.5	17	12.5	4.8	12.5	5.4	4.1	4.1	12	4
19	17.5	13	5	13.5	6	3.6	3.2	7.5	4.5
17	16	12	4	13	6	3.5	3	9.5	4.0
24.5	23	16.5	7	14	5.4	5.2	5.5	5.3	6.2
23	17	13.2	4	14	5.2	3.3	3.3	12	—
21.5	17	12.7	4.5	13	6	4.2	3.8	9	6
31	23	21.5	6.2	16	8	5	4.5	7	9
31	24	18.4	6	16.5	7.3	4.5	4.4	21	—
14	17	11.2	6	12.5	5.7	4.3	4	16	5
4	6	—	—	—	—	—	—	23	9
40	36	27.5	9	31	12.5	7.5	7	13	5
39	36	26	10.5	29	12.5	8	7.5	28	2.8
24	26	17	9.5	14	6.2	8.5	8.5	3.2	2.2
23	19	13.2	6	15	7	5	4.5	9	5
14	15.5	10.7	5	12.5	5.7	4.2	3.9	15	5
15	21	14.5	7	9	3	4	3.6	7.3	—
17	21	15.3	6	15	6	5	4.2	7.0	21
18	17	4.4	13	13	6	4	3.4	17	3

Tri Alar-colors

Progne subis

Birds seen at Camp Douglass, Wisconsin from  
July 15<sup>th</sup> to 28, 1890.

- 1 *Bonasa umbellus*
- 2 *Cepidonia cupido*
- 3 *Zenaidura macroura*
- 4 *Accipiter cooperi*
- 5 *Colaptes auratus*
- 6 *Coccyzus erythrophthalmus*
- 7 *Chordeiles virginianus*
- 8 *Antrostomus vociferans*
- 9 *Chaëtura pelagica*
- 10 *Myiarchus cinerascens*
- 11 *Tyrannus tyrannus*
- 12 *Sayornis phoebe*
- 13 *Contopus virens*
- 14 *Cyanocitta cristata*
- 15 *Molothrus ater*
- 16 *Icterus galbula*
- 17 *Chondestes grammacus*
- 18 *Pooecetes gramineus*
- 19 *Spizella socialis*
- 20 *Spizella pallida*
- 21 *Rebvia ludoviciana*
- 22 *Spizus tristis*
- 23 *Cyanospiza cyanea*
- 24 *Melospiza fasciata*
- 25 *Parus erythronelas*
- 26 *Vireo flavifrons*
- 27 *Vireo olivaceus*
- 28 *Petrochelidon lunifrons*
- 29 *Progne subis*
- 30 *Mniotilta varia*
- 31 *Helminthophila ruficapilla*
- 32 *Sayornis canadensis*
- 33 *Dendroica (virens ?)*
- 34 *Parus atricapillus*
- 35 *Sialia sialis*
- 36 *Turdus araloscchkae pallasi*
- 37 *Merula migratoria*
- 38 *Pipilo er. H. ph. ...* - No. 7306 contained eggs ready to lay.

- 39 *Amphisp. cedrorum*
- 40 *Seiurus aurocapillus*
- 41 *Harporhynchus rufus*,
- 42 *Spizella pusilla*. nest 4 yf. July 13.
- 43 *Salpinctes carolinensis* nest 3 eggs July 10.
- 44 *Dendroica pennsylvanica*.
- 45 *Corvus americanus*. - Family (with young & parents)
- 46 *Pitrorus peltaris*. - Anchet.
- 47 *Agelaius phoeniceus*.
- 48 *Melanerpes erythrocephalus*
- 49 *Picus pubescens*
- 50 *Picus villosus*
- 51 *Vireo gilvus*
- 52 *Seiurus naevius*. - Little Sunnyside R. July 14
- 53 *Act. sponsa*. - 2 on Little Sunnyside R. July 14.
- 54 *Ardea herodias*. One do do
- 55 *Anas boschas*. - Family nest, grown do do
- 56 *Ceryle alcyon*. - One do do
- 57 *Actitis macularia*. - One July 15 - Little Sunnyside R.
- 58 *Quiscalus quiscula caryocarpus*.
- 59 *Sturnella magna*.
- 60 *Cathartes philadelphia*
- 61 *Colinus virginianus*
- 62 *Philohela minor*. Little Sunnyside R. July 15
- 63 *Trochilus colubris*
- 64 *Lanius ludovicianus excubitorides*
- 65 *Otocoris alpestris protuberans*
- 66 *C. ...*
- 67 *Aegialitis vocifera*
- 68 *Bubo virginianus*.
- 69 *Corvus americanus*
- 70 *Sitta carolinensis*
- 71 *Lanius hudsonius*
- 72 *Buteo borealis*
- 73 *Dendroica pinus*

Specimens from Big Lost Lake, Montana July 26, 1889.

Plants labelled and preserved: -

Aug. 13, 1888; July 31, 1888.

*Desmodium canadense* July 26, 1888; Aug. 29, 1889; Aug. 29, 1889.

*Sagittaria variabilis* var. *dissectifolia*. July 24, 1888

*Sagittaria variabilis* var. do do

*Oxybaphis* (*hirsutus*?) Hook. Aug. 29, 1889.

*Phlox pilosa* July 11, 1888. July 4, 1888

*Gentiana delonsea*. Sept. 16, 1888; Aug. 29, 1889;

*Parnassia Caroliniana* Aug. 14, 1888

*Lobelia siphilitica* Aug. 30, 1888; Aug. 30, 1888; Aug. 30, 1888,

*Lambiana andrewsii*. Sept. 16, 1888; Sept. 14, 1889.

*Chelone glabra* Sept. 16, 1888.

*Echynocystis lobata* Aug. 29, 1889; Aug. 14, 1889.

*Lophocarythus amicus*. Aug. 29, 1889; Sept. 1, 1888; July 18, 1888;

*Heuchera hispida*. June 23, 1888.

*Polanisia graveolens* Aug. 14, 1889

*Polygonum amphibium* July 24, 1888.

*Astragalus Canadensis* July 30, 1888; July 21, 1888;

✓ *Rosa* (*blanda*?) June 20, 1888.

*Calystegia sepium*. July 21, 1888

*Campanula rotundifolia* July 21, 1888; June 20, 1888; June 25, 1888.

*Paulownia thalictroides* ~~not in flower~~ May 5, 1889

*Larva foecina*. Frigate; Fr.

*Vegundo aceroides*. Fl. March, 1889.

*Zizia aurea*. May 12, 1889.

*Scum triflorum*. May 22, 1889 (fl.); June 10, 1889 (fl. & fr.); June 10, 1889.

*Phlox divaricata* May 12, 1889.

✓ *Delphinium* (*azureum*?) June 23, 1888; June 24, 1888; July 3, 1888; June 25, 1888; July 4, 1888

*Monarda fistulosa*. July 3, 1888; July 3, 1888; July 15, 1888; July 21, 1888;

*Mitella diphylla*. June 15, 1888 (11 flowers mostly in No. 1);

*Acorus Calamus* Aug. 4, 1888 (fl. ? or fruit ?).

*Spiraea salicifolia*. July 30, 1888.

*Geranium maculatum*. June 14, 1888.

*Habenaria viridis*, var. *bracteata*. June 18, 1888; June 5, 1889;

*Orchis spectabilis*. Fr. June 12, 1888.

*Habenaria hookeri*. June 12, 1888.

*Gymnadenia conopsea* July 16, 1888.

*Pentstemon grandiflorus* June 20, 1888; June 20, 1888.

*Valeriana edulis*. May 30, 1889.

*Sanguinaria canadensis*. June 10, 1889 (leaf only.)

*Saxifraga herbacea* June 23, 1888 fl.; June 18, 1888 fl.

✓ *Allium* (*Canadense*?) Sept. 1, 1888.

✓ *Menyanthes Canadensis* June 10, 1889; June 18, 1888; *this a 2-leaf form of S. trifolia?*

*Wularia grandiflora* June 10 (fr.) May 12, 1889 fl; May 6, 1889

*Smilacina trifolia* June 19, 1888.

*Fritillium cernuum* May 12, 1889; May 12, 1889; May 12, 1889; May 12, 1889.

*Quercus macrocarpa*. Fr.; Fr.

*Quercus coccinea* (var. *ambigua*?).

*Prunus Virginiana* (Choke Cherry) Aug. 4, 1889 (fruit)

*Corylus Americana*. Fl? June 20, 1888

*Cornus circinata*. June 20, 1888.

*Filia Americana* Aug. 4, 1888 (fruit.)

*Ulmus Americana*. Branch of leaves Aug. 4, 1888.

*Populus tremuloides*. do do

*Quercus fessendenii*. do do

*Xanthoxylum Americanum* do do

*Habenaria psycodes*. July 18, 1888; July 18, 1888.

*Habenaria hyperborea* June 20, 1888.

*Achusa bulbosa*. Mora, Kenabec Co., Minn June 22, 1889 several spec.

*Cypripedium acule.* June 22, 1889. Mora, Kenabec Co., Minn.

*Sarracenia purpurea*. June 22, 1889, Mille Lacs, Minn.

*Viburnum Opulus*. June 22, 1889. Mora, Kenabec Co., Minn.

*Paltha palustris*. June 22, 1889 (flowers!) Mora, Kenabec Co., Minn.

*Cornus Canadensis* do do

*Meryanthes trifoliata* (fl.) do do

*Clytoma borealis* do (several specimens) do

*Ledum latifolium*. Fl. June 22, 1889, do

*Fritillium grandiflorum* do do

*Galium boreale*. do do

*Cypripedium spectabile*. Ft. Snelling, June 23, 1888.

" *pubescens*. June 23, 1888; June 10, 1889; June 10, 1889.

*Lilium superbum*. July 26, 1888; July 26, 1888; July 26, 1888;

*Campanula Americana* July 21, 1888; July 21, 1888; July 21, 1888.

*Chelidonium* *Millefolium* July 24, 1888 (white); July 19, 1888 (very bright rose color); July 16 do

*Asclepias incarnata*. July 18, 1889.

" *quadrifida* ~~reticulata~~. June 15, 1888 (poor specimen)

" *cornuti*. July 12, 1888; July 16, 1888;

" *heterozoa*. July 12, 1888; July 20, 1888.

*Solidago gigantea* Aug. 16, 1889; Aug. 16, 1889; Aug. 13, 1889; Sept. 9, 1888; do.  
 Aug. 16, 1889; Aug. 13, 1889; Aug. 13, 1889; Aug. 13, 1889.  
 " *Canadensis* Aug. 16, 1889; Aug. 13, 1889; Aug. 16, 1889 (with typical);  
 " *serotina* (intermediate bet. *gigantea* & *Canadensis*) Aug. 16, 1889; do.  
 " *rigida* Aug. 14, 1889; Aug. 30, 1888.  
*Galium boreale* June 28, 1888.  
*Anemone Pennsylvanica* June 14, 1888.  
*Vicia Americana* June 10, 1889.  
*Ambrosia artemisiifolia* Aug. 16, 1889.  
*Rudbeckia laciniata* Aug. 16, 1889.  
*Gentiana alba* Aug. 10, 1888.  
*Oxybaphus myetagnisus* June 16, 1888.  
*Prodyara pubescens* Sept. 19, 1889. Camp French, near Corcoran, <sup>Co., Minnesota; do.</sup>  
*Aphelocoma hysmalis* Sept. 21, 1889. Camp Fremont, near Osseo, <sup>Co., Minnesota.</sup>  
*Helianthus rigidus* Aug. 13, 1889; Aug. 14, 1889.  
*Urtica gracilis* July 31, 1888.  
*Veronica fasciculata* Aug. 13, 1889.  
*Solidago nemoralis* Aug. 16, 1889; Aug. 16, 1889; Sept. 9, 1888.  
*Amorpha canescens* Aug. 12, 1889; July 30, 1888; July 31, 1888.  
*Tanacetum vulgare* Aug. 14, 1889.  
*Silphium perfoliatum* Aug. 12, 1889; Aug. 12, 1889; Aug. 12, 1889.  
*Nymphaea odorata* July 24, 1888; July 10, 1888.  
*Verbena hastata* July 15, 1888; July 15, 1888.  
*Witkuloria vulgaris* July 5, 1888. Bladders & leaves on same branches.  
*Ambrosia trifida* Aug. 4, 1888; Aug. 3, 1888.  
*Helianthus doronicoides* Sept. 1, 1888; Aug. 29, 1889; Aug. 29, 1889.  
*Liatris scariosa* Sept. 1, 1888; Aug. 28, 1889; Aug. 14, 1889. Aug. 19, 1889.  
*Liatris punctata* Sept. 1, 1888; Sept. 1, 1888.  
*Liatris pycnostachya* July 31, 1888; July 31, 1888; July 31, 1888; Aug. 28, 1889.  
*Solidago speciosa* Sept. 9, 1888; Aug. 19, 1889.  
*Aster laevis* Sept. 9, 1888.  
*Aster multiflorus* Sept. 9, 1888.  
*Kuhnia eupatorioides* Aug. 23, 1889; Aug. 27, 1889; Aug. 27, 1889.  
*Sambucus Canadensis* July 20, 1888 (Fl.)  
*Nuphar advena* July 24, 1888.  
*Pycnanthemum lanceolatum* July 29, 1888.  
*Petalastemon violaceum* July 30, 1888; July 30, 1888; Aug. 19, 1889; <sup>Aug. 19, 1889.</sup>  
*Petalastemon candidum* July 30, 1888; July 30, 1888; July 30, 1888.  
*Helianthus strumosus* Aug. 1, 1888; July 21, 1888; Aug. 15, 1889.

*Cannabis sativa* Aug. 1, 1888 (fl.); Oct. 1, 1889 (fr.)  
*Lappa officinalis* Aug. 1, 1888.  
*Urtica papyracea* Branch of leaves. Aug. 4, 1888.  
*Prunus Americana* Aug. 4, 1888 (fl.)  
*Silene stellata* July 17, 1889; July 14, 1889.  
*Gentiana quinqueflora* var. *occidentalis*. Lake Johanna, ? Co., Minn.  
*Ambrosia artemisiifolia* Aug. 29, 1889.  
*Hesperis acutiloba* Camp Fremont, near Osseo, ? Co., Minn. <sup>Sept. 21, 1889.</sup>  
*Cypripedium ellipticum* do; do; do  
*Gentiana puberula* Sept. 24, 1889; Lake Johanna, ? Co., Minn.  
*Solidago speciosa*, var. *angustata*. Poon Creek, Minn. Sept. 1889.  
*Gentiana crinita* Sept. 24, 1889.  
*Cirsium pumilum* Aug. 1, 1888.  
*Corrhopis palmata* July 16, 1888.  
*Manita lotula* July 18, 1888.  
*Phryopsis villosa* Sept. 9, 1888.  
*Helianthus autumnale* Aug. 27, 1889.  
*Artemisia ludoviciana*  
*Viola cucullata* Camp French, near Corcoran, ? Co., Minn. Sept. 19, 1889.  
*Viola cucullata* Mt. Snelly, Minn. May 12, 1889.  
*Viola Canadensis* June 10, 1889; June 10, 1889; June 10, 1889; do;  
*Viola pubescens* May 12, 1889.  
*Viola pedata* Many specimens May 12, 1889.  
*Artemisia frigida* Oct. 1, 1889.  
 " *dracunculoides* Oct. 1, 1889;  
*Agrimonia eupatoria* Aug. 11, 1889.  
*Juglans cinerea* branch of leaves Aug. 4, 1888.  
*Sesmodium acuminatum* Aug. 15, 1889.  
*Thlaspi trifoliatum*, var. *apterum* Sept. 4, 1889.  
*Verbena stricta* Sept. 4, 1889.  
*Helianthus divaricatus* Aug. 19, 1889. This is intermediate between *H. H. divaricatus* & *hirsutus*. *Amphicarpaea* is the climber.  
*Sagittaria variabilis*. - Belongs with the labelled specimen.  
 (The largest leaf.)  
*Helianthus annuus* - July 10, 1889.



# Notes on the Summer Birds of Southeastern Minnesota.

These notes are based on observations made in <sup>marching</sup> a march of  $227\frac{1}{2}$  miles, from Fort Snelling, Minnesota to Camp Douglas, Wisconsin, with the 3d U. S. Infantry, ~~from~~ occupying the period from <sup>July</sup> 18<sup>th</sup> to 24<sup>th</sup>, inclusive. The route was southeast through Dakota, Grodhue and Olmsted Counties to <sup>near the head of Root River</sup> Chatfield, whence it was directly east, following <sup>to its junction with the Mississippi opposite La Crosse</sup> Root River, across Fillmore and Houston Counties ~~to~~, Wisconsin. From La Crosse, Wisconsin we proceeded eastward along <sup>the</sup> La Crosse River, and <sup>crossing</sup> crossed the watershed at a point east of Sparta to <sup>valley of the</sup> Loup River, a tributary of the Wisconsin River, in Duneau County, having <sup>traversed</sup> crossed the Counties of La Crosse and Monroe, Wisconsin.

During these ~~seventeen~~ <sup>seventeen</sup> days of occupied by this trip the weather was warm and fine, and all of the birds observed ~~here~~ are believed to have been ~~breeders~~ on their breeding grounds. ~~After leaving the Minnesota River valley, which is pretty well wooded, the country was mostly high rolling prairie, with scattered bits nearly all cultivated, with timbered edges to the streams, and timbered~~



*Ceryle alcyon*  
*Dryobates villosus*  
*Dryobates pubescens*  
*Sphyrapicus varius*  
*Melanerpes erythrocephalus*

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*Colaptes auratus*  
*Antrostomus vociferus*  
*Chordeiles virginianus*  
*Chordeiles v. henryi*

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*Chaetura pelagica*  
*Trochilus colubris*  
*Tyrannus tyrannus*  
*Myiarchus cinerascens*  
*Sayornis phoebe*  
*Pentopus virens*  
*Eupidonax minimus*  
*Otocoris alpestris praticola*  
*Cyanocitta cristata*  
*Corvus americanus*  
*Dolichonyx oryzivorus*  
*Molothrus ater*  
*Xanthocephalus xanthocephalus*  
*Agelaius phoeniceus*  
*Sturnella magna*  
*Sturnella neglecta*  
*Icterus spurius*  
*Icterus galbula*  
*Quiscalus quiscula cæneus*  
*Spinus tristis*  
*Poocaetes gramineus*  
*Ammodramus sarranarum passerinus*  
*Chondestes grammacus*  
*Spizella socialis*

*Podilymbus podiceps*  
~~*Hydrochelidon nigra surinamensis*~~  
*Merganser americanus*  
*Anas boschas*  
*Anas discors*  
*Aix sponsa*  
*Botaurus lentiginosus*  
*Botaurus exilis*  
~~*Ardea herodias*~~  
*Ardea vrescens*  
*Nycticorax nycticorax naevius*  
*Kallus virginianus*  
*Gallinula galeata*  
*Fulica americana*  
*Philohela minor*  
*Tringa bairdii*  
*Totanus solitarius*  
*Bartramia longicauda*  
*Actitis macularia*  
*Aegialitis vocifera*  
*Colinus virginianus*  
*Bonasa umbellus*  
*Tympanuchus cupido*  
*Octopistes migratorius*  
*Zenaidura macroura*  
*Circus hudsonius*  
*Accipiter cooperi*  
*Buteo borealis*  
*Buteo latissimus*  
? *Aquila chrysaetos*  
*Syrnium nebulosum*  
*Megascops asio*  
*Bubo virginianus*  
*Coccyzus americanus*  
*Coccyzus erythrophthalmus*

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*Sporus tristis* sex.

*Turdus* spp.

*Sturnella* spp.



*Parus atricapillus*

*Turdus mustelinus*

*Turdus aonalaschkae pallasii*

*Merula migratoria*

*Sialia sialis*

*Spizella pallida*

*Spizella pusilla*

*Melospiza fasciata*

*Melospiza georgiana*

*Pipilo erythrophthalmus*

*Cardinalis cardinalis*

*Habia ludoviciana*

*Passerina cyanea*

*Passer domesticus*

*Piranga erythromelas*

*Progne subis*

*Petrochelidon lunifrons*

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*Chelidon erythrogaster*

*Tachycineta bicolor*

*Civicola riparia*

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*Stelgidopteryx serripennis*

*Amphisp. cedrorum*

*Lanius ludovicianus*

*Vireo olivaceus*

*Vireo gilvus*

*Vireo flavifrons*

*Junco varia*

*Dendroica aestiva*

*Dendroica pennsylvanica*

*Seiurus aurocapillus*

*Seiurus noveboracensis*

*Geothlypis trichas*

*Setophaga ruticilla*

*Galeoscoptes carolinensis*

*Harpodynchus rufus*

*Troglodytes aedon parkmanii*

*Cistothorus stellaris*

*Cistothorus palustris*

*Sitta carolinensis*