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Illustrations
OF THE
AMERICAN ORNITHOLOGY

Alexander Wilson
and
Charles Lucian Bonaparte
Prince of Musignano

WITH THE ADDITION OF
Numerous RECENTLY DISCOVERED Species
AND Representations of
The Whole Sylva
OF
NORTH AMERICA.

BY
Captain Thomas Brown.

FLS. MWS. MKS. MPS.

LATE PRESIDENT OF THE ROYAL PHYSICAL SOCIETY.

&c &c &c

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TO

The Right Honourable

David

Earl of Fife

Lord Lieutenant of the County of Forfar

&c. &c. &c.

This

WORK IS INSCRIBED

BY

His Faithful Humble Servant

Thomas Brown.

SYSTEMATIC INDEX.

The arrangement adopted is that of Temminck, slightly altered, with the addition of some new Genera.

One Hundred and Sixty-one Birds have been added by the Editor, which are distinguished by an *; and Eighty-seven Birds have been considerably enlarged; these latter are marked by a † prefixed. Besides the addition of One Hundred and Sixty-seven representations of Forest Trees and Shrubs.

DIVISION I.—LAND BIRDS.

GENUS I. <i>Sarcophagus</i> . <i>Vultur</i> . Vigors.		
* 1. Californian Vulture,	<i>S. Californianus</i> , Plate I. fig.	
GENUS II. <i>Cathartes</i> . <i>Vultur</i> . Illiger.		
† 1. Turkey Vulture,	<i>C. aura</i> , II.	
† 2. Black ditto,	<i>atratus</i> , III.	
GENUS III. <i>Aquila</i> . <i>Eagle</i> . Cuvier.		
* 1. Golden Eagle,	<i>A. Chrysaetos</i> , adult male, IV. 1	
† Ditto,	<i>ditto</i> , young, V. 1	
2. White-headed ditto,	<i>leucocephala</i> , VI. 1	
† Ditto,	<i>ditto</i> , V. 2	
3. Osprey,	<i>haliaetus</i> , IV. 2	
GENUS IV. <i>Falco</i> . <i>Falcon</i> . Linnæus.		
* 1. Peregrine Falcon,	<i>F. peregrinus</i> , adult male, VII. 1	
† Ditto,	<i>ditto</i> , female, XI. 1	
* 2. Jerfalcon,	<i>Islandicus</i> , VII. 3	
† 3. American Sparrow Hawk,	<i>Sparverius</i> , male, XI. 2	
† Ditto,	<i>ditto</i> , female, XI. 3	
4. Pigeon Hawk,	<i>Columbarius</i> , VI. 3	
* 5. Merlin,	<i>Esalon</i> , VII. 3	
6. Mississippi Kite,	<i>Mississippiensis</i> , XI. 4	
7. Winter Falcon,	<i>hyemalis</i> , XII. 1	
GENUS V. <i>Astur</i> . <i>Bechstein</i> .		
1. Broad-winged Hawk,	<i>A. latissimus</i> , VIII. 2	
2. Cooper's ditto,	<i>Cooperii</i> , X. 3	
GENUS VI. <i>Accipiter</i> . <i>Goshawk</i> . Bechstein.		
1. Goshawk,	<i>A. palumbarius</i> , XII. 2	
2. Slate-coloured Hawk,	<i>Pennsylvanicus</i> , male, IX. 1	
† Ditto,	<i>ditto</i> , young female, VIII. 3	
* 3. Stanley's ditto,	<i>Stanleyi</i> , VII. 4	
GENUS VII. <i>Buteo</i> . <i>Buzzard</i> . Ray.		
* 1. Common Buzzard,	<i>B. vulgaris</i> , XIII. 1	
† 2. Red-tailed ditto,	<i>Borealis</i> , XII. 4	
† Ditto,	<i>ditto</i> , young, 3	
3. Rough-legged ditto,	<i>lagopus</i> , VIII. 1	
4. American Hen-harrier,	<i>Cyanus</i> , X. 2	
† Ditto,	<i>ditto</i> , young, V. 3	
5. Black Hawk,	<i>niger</i> , IX. 3	
† Ditto,	<i>ditto</i> , young, IX. 4	
6. Red-shouldered ditto,	<i>lineatus</i> , IX. 2	
GENUS VIII. <i>Elanus</i> . <i>Swoft Hawk</i> . Savigny.		
1. Swallow-tailed Hawk,	<i>E. furcatus</i> , VI. 2	
2. White-tailed ditto,	<i>dispar</i> , X. 1	
GENUS IX. <i>Strix</i> . <i>Owl</i> . Linnæus.		
* 1. Snowy Owl,	<i>S. Nyctea</i> , male, XIV. 1	
† Ditto,	<i>ditto</i> , female, 2	
* 2. Great Cinereous ditto,	<i>cinerea</i> , XV. 1	
* 3. Tengmalm's ditto,	<i>Tengmalmi</i> , 2	
* 4. Dalhousie's ditto,	<i>Dalhousiei</i> , 3	
5. Hawk ditto,	<i>Hudsonia</i> , XVI. 1	
† 6. Barred ditto,	<i>nebulosa</i> , 2	
† 7. Barn or White ditto,	<i>flammea</i> , 3	
† 8. Little ditto,	<i>passerina</i> , 4	
9. Burrowing ditto,	<i>Cunicularia</i> , 5	
10. Great-horned ditto,	<i>Virginiana</i> , XVII. 1	
† 11. Long-eared ditto,	<i>otis</i> , 2	
† 12. Mottled ditto,	<i>nevada</i> , male, 3	
† Ditto ditto,	<i>ditto</i> , young female, 4	
13. Short-eared ditto,	<i>brachyotus</i> , XVIII. 1	
* 14. Arctic-white ditto,	<i>Arctica</i> , 2	
GENUS X. <i>Corvus</i> . <i>Crows</i> . Linnæus.		
† 1. Raven,	<i>C. corax</i> , XIX. 1	
† 2. Fish Crow,	<i>ossifragus</i> , 2	
3. Crow or Rook,	<i>corone</i> , XIX. 3	
4. Clark's ditto,	<i>Columbianus</i> , 4	
GENUS XI. <i>Garrulus</i> . <i>Jays</i> . Brisson.		
† 3. Magpie,	<i>G. Pica</i> , XX. 3	
* 1. Short-billed Jay,	<i>brachyrhynchus</i> , 1	
* 2. Columbian ditto,	<i>Bullockii</i> , 2	
4. Steller's ditto,	<i>Stelleri</i> , XXI. 1	
5. Blue ditto,	<i>cristatus</i> , 2	
6. Florida ditto,	<i>Floridanus</i> , 3	
7. Canada ditto,	<i>Canadensis</i> , 4	
GENUS XII. <i>Bombycilla</i> . <i>Wax-Wings</i> . Brisson.		
1. Cedar-bird,	<i>B. Cedrorum</i> , XXII. 1	
† Ditto,	<i>ditto</i> , variety, 2	
2. Bohemian Wax-wing,	<i>garrula</i> , 3	
GENUS XIII. <i>Yephanes</i> . <i>Baltimore</i> . Vieillot.		
1. Orchard Baltimore,	<i>Y. spurius</i> , adult male, XXIII. 1	
† Ditto,	<i>ditto</i> , 2d year, 2	
† Ditto,	<i>ditto</i> , 1st year, 3	
† Ditto,	<i>ditto</i> , female, 4	
2. Catesby's ditto,	<i>Baltimore</i> , male, 5	
† Ditto,	<i>ditto</i> , female, 6	
GENUS XIV. <i>Icterus</i> . <i>Troopial</i> . Temminck.		
1. Yellow-headed Troopial,	<i>I. icterocephalus</i> , male, XXIV. 1	
† Ditto,	<i>ditto</i> , female, 2	
2. Red-winged ditto,	<i>Phæniceus</i> , male, 3	
† Ditto,	<i>ditto</i> , young, 4	
3. Cow ditto,	<i>pecoris</i> , male, 5	
† Ditto,	<i>ditto</i> , female, 6	
4. Rice ditto,	<i>agripennis</i> , 7	
† Ditto,	<i>ditto</i> , female, 8	
GENUS XV. <i>Quiscalus</i> . <i>Grakle</i> . Vieillot.		
1. Great Crow Grakle,	<i>Q. Major</i> , male, XXV. 1	
† Ditto,	<i>ditto</i> , female, 2	
2. Rusty,	<i>ferrugineus</i> , XXVI. 1	
3. Purple,	<i>versicolor</i> , 2	
† Ditto,	<i>ditto</i> , female, 3	
GENUS XVI. <i>Sturnella</i> . <i>Meadow-Lark</i> . Vieillot.		
1. Meadow-Lark,	<i>S. Ludoviciana</i> , male, XXVII. 1	
GENUS XVII. <i>Merula</i> . <i>Thrushes</i> . Ray.		
1. Ferruginous Thrush,	<i>M. rufa</i> , XXVIII. 1	
† 2. Hermit ditto,	<i>solitaria</i> , 2	
3. Cat Bird,	<i>lvida</i> , 3	
4. Mocking Bird,	<i>Polyglotta</i> , male, 4	
5. Robin,	<i>migratoria</i> , 5	
6. Wood ditto,	<i>meloda</i> , 6	
7. Tawny ditto,	<i>musitina</i> , 7	
* 8. Little Tawny ditto,	<i>minor</i> , XXIX. 1	
* 9. Richardson's ditto,	<i>Richardsonii</i> , 2	
10. Golden-crowned ditto,	<i>auricapilla</i> , 3	
† 11. Water ditto,	<i>aquatica</i> , 4	
* 12. Audubon's,	<i>Ludoviciana</i> , 5	
GENUS XVIII. <i>Cinclus</i> . <i>Dippers</i> . Bechstein.		
1. American Dipper,	<i>C. Americanus</i> , XXX. 1	
GENUS XIX. <i>Myiothera</i> . <i>Ant-Catchers</i> . Illiger.		
1. Rockymountain Ant-catcher,	<i>M. obsoleta</i> , XXX. 2	
GENUS XX. <i>Lanius</i> . <i>Shrikes</i> . Linnæus.		
* 1. Greater Northern Shrike,	<i>L. Borealis</i> , XXXI. 1	
* 2. American Gray ditto,	<i>excubitorides</i> , 2	
3. Great American ditto,	<i>excubitor</i> , 3	
4. Loggerhead ditto,	<i>Carolinensis</i> , 4	
GENUS XXI. <i>Muscicapa</i> . <i>Fly-catchers</i> . Linnæus.		
1. Tyrant Fly-catcher,	<i>M. tyrannus</i> , XXXII. 1	
† 2. Great-crested ditto,	<i>crinita</i> , 2	
* 3. Richardson's ditto,	<i>Richardsonii</i> , 3	
* 4. Northern ditto,	<i>Borealis</i> , female, 4	
* 5. Say's ditto,	<i>Saya</i> , male, 5	
† Ditto ditto,	<i>ditto</i> , female, XXXIII. 7	
* 6. Little Tyrant,	<i>pusilla</i> , XXXII. 6	
7. Small Green-crested,	<i>querula</i> , XXXIII. 2	
8. Wood Pe-we,	<i>rapax</i> , 3	
9. Arkansas,	<i>verticalis</i> , 4	
10. Pe-wit,	<i>nunciola</i> , 5	
* 11. Traill's,	<i>Trailii</i> , 15	
SUB-GENUS. <i>Mitulus</i> . Swainson.		
12. Fork-tailed,	<i>Savanna</i> , 1	
13. Swallow-tailed,	<i>forficata</i> , 6	
GENUS XXII. <i>Setophaga</i> . <i>Gnat-catchers</i> . Swainson.		
1. Hooded Gnat-catcher,	<i>S. mitrata</i> , XXXIV. 1	
2. Green Gnat-capt,	<i>pusilla</i> , 2	
3. Yellow-tailed,	<i>ruticilla</i> , male, 3	
† Ditto,	<i>ditto</i> , female, 4	
† Ditto,	<i>ditto</i> , young, 5	
* 4. Selby's,	<i>Selbyi</i> , 6	
* 5. Bonaparte's,	<i>Bonapartii</i> , 7	
6. Small Blue-gray,	<i>cerulea</i> , male, 8	
* 7. Ditto,	<i>ditto</i> , female, 9	
GENUS XXIII. <i>Vireo</i> . <i>Chats</i> . Vieillot.		
1. Yellow-throated Chat,	<i>V. flavifrons</i> , XXXV. 1	
† 2. Solitary,	<i>solitarius</i> , male, 2	
† Ditto,	<i>ditto</i> , female, 3	
* 3. Vigors's,	<i>Vigorsii</i> , 4	
4. Pine Swamp,	<i>sphagnosa</i> , 5	
5. Yellow-breasted,	<i>polyglotta</i> , 6	
6. Red-eyed,	<i>olivacea</i> , 7	
7. White-eyed,	<i>Novaboracensis</i> , 8	
8. Warbling,	<i>melodia</i> , 9	
GENUS XXIV. <i>Sylvia</i> . <i>Warblers</i> . Latham.		
1. Golden-crowned,	<i>S. coronata</i> , male, summer, XXXVI. 1	
2. Black-throated Green,	<i>virens</i> , 2	
3. Yellow-rumped,	<i>maculosa</i> , 3	
† Ditto,	<i>ditto</i> , winter, XXXIX. 5	
† Ditto,	<i>ditto</i> , young male, 7	
4. Yellow Redpole,	<i>petasche</i> , XXXVI. 4	
5. Blackburnian,	<i>Blackburnia</i> , 5	
6. Bay-breasted,	<i>castanea</i> , 6	
7. Mourning,	<i>Philadelphia</i> , 7	
8. Chestnut-sided,	<i>Pennsylvanica</i> , XXXVI. 8	
9. Cerulean,	<i>cerulea</i> , male, 9	
† Ditto,	<i>ditto</i> , female, 10	
11. Tennessee,	<i>peregrina</i> , XXXVII. 1	
12. Maryland Yellow Throat,	<i>Marylandia</i> , male, 2	
† Ditto,	<i>ditto</i> , female, 3	
13. Blue Mountain,	<i>tigrina</i> , 4	
14. Palm,	<i>palmarum</i> , 7	
15. Hemlock,	<i>parus</i> , 5	
16. Blue-green,	<i>parva</i> , 6	
17. Orange-crowned,	<i>celata</i> , 8	
18. Cape May,	<i>Maritima</i> , male, 9	
† Ditto,	<i>ditto</i> , female, 10	
19. Blackpole,	<i>striata</i> , male, 11	
† Ditto,	<i>ditto</i> , female, 12	
20. Pine-creeping,	<i>pinus</i> , 13	
21. Prairie,	<i>minuta</i> , XXXVIII. 1	
22. Blue-winged Yellow,	<i>solitaria</i> , 2	
23. Black-throated Blue,	<i>Canadensis</i> ?, 3	
24. Golden-winged,	<i>chrysoptera</i> , male, 4	
† Ditto,	<i>ditto</i> , female, 5	
25. Blue-eyed Yellow,	<i>citrinella</i> , 6	
26. Kentucky,	<i>formosa</i> , 7	
27. Yellow Throat,	<i>flavicollis</i> , 12	
28. Connecticut,	<i>agilis</i> , 13	
29. Blue-yellow Back,	<i>pusilla</i> , 14	
30. Canada,	<i>paradina</i> , 8	
31. Prothonotary,	<i>protonotarius</i> , 9	
32. Autumnal,	<i>autumnalis</i> , 10	
* 33. Richardson's,	<i>Richardsonii</i> , 11	
34. Nashville,	<i>ruficapilla</i> , XXXIX. 1	
35. Worm-eating,	<i>vermivora</i> , 2	
* 36. Children's,	<i>Childreni</i> , male, 3	
* 37. Ditto,	<i>ditto</i> , female, 4	
† 38. Small headed,	<i>minuta</i> , 6	
* 39. Carbonated,	<i>carbonata</i> , adult male, XL. 4	
† Ditto,	<i>ditto</i> , young, 5	
* 40. Rathbone's,	<i>Rathbonia</i> , 3	
* 41. Roscoe's Yellow Throat,	<i>Rosco</i> , 6	
* 42. Bachman's,	<i>Bachmanii</i> , 1	
† Ditto,	<i>ditto</i> , young, 2	
GENUS XXV. <i>Regulus</i> . <i>Kinglets</i> . Cuvier.		
1. American Kinglet,	<i>R. Americanus</i> , male, XLI. 1	
† Ditto,	<i>ditto</i> , female, 2	
* 2. Ruby-crowned,	<i>calendulus</i> , male, 3	
† Ditto,	<i>ditto</i> , female, 4	
* 3. Cuvier's,	<i>Cuvieri</i> , male, 5	
GENUS XXVI. <i>Troglodytes</i> . <i>Wrens</i> . Cuvier.		
1. Winter Wren,	<i>T. hyemalis</i> , XLII. 1	
2. Marsh,	<i>palustris</i> , 2	
3. House,	<i>edon</i> , 3	
4. Great Carolina,	<i>Ludoviciana</i> , 4	
* 5. Bewick's,	<i>Bewickii</i> , 5	
GENUS XXVII. <i>Sialia</i> . <i>Blue-Birds</i> . Swainson.		
* 1. Arctic Blue-bird,	<i>S. Arctica</i> , XLIII. 1	
2. Common,	<i>Wilsonii</i> , 2	
GENUS XXVIII. <i>Anthus</i> . <i>Titlarks</i> . Bechstein.		
1. Brown Titlark,	<i>A. Ludoviciana</i> , male, XLIII. 3	
† Ditto,	<i>ditto</i> , female, 4	
* 2. Prairie,	<i>pipiens</i> , 5	
GENUS XXIX. <i>Alauda</i> . <i>Larks</i> . Linnæus.		
1. Shore Lark,	<i>A. alpestris</i> , XLIII. 6	
GENUS XXX. <i>Parus</i> . <i>Titmice</i> . Linnæus.		
1. Black-capt Titmouse,	<i>P. atricapillus</i> , XLIV. 1	
2. Crested,	<i>bicolor</i> , 2	
* 3. Canadian,	<i>Hudsonicus</i> , 5	
GENUS XXXI. <i>Emberiza</i> . <i>Buntings</i> . Linnæus.		
* 1. Painted Bunting,	<i>E. picta</i> , XLV. 3	
2. Lapland Long-spurred,	<i>Laponica</i> , male, 4	
† Ditto,	<i>ditto</i> , female, 5	
* 3. Snow,	<i>nivalis</i> , summer, 6	
† Ditto,	<i>ditto</i> , winter, 7	
* 4. Henslow's,	<i>Henslowii</i> , 8	
SUB-GENUS. <i>Pipilo</i> . Swainson.		
* 5. Arctic ground,	<i>Arctica</i> , male, 1	
† Ditto,	<i>ditto</i> , female, 2	
GENUS XXXII. <i>Tanagra</i> . <i>Tanagers</i> . Linnæus.		
1. Summer Red Bird,	<i>T. aestiva</i> , male, XLVI. 1	
† Ditto,	<i>ditto</i> , female, 2	
2. Scarlet Tanager,	<i>rubra</i> , male, 3	
† Ditto,	<i>ditto</i> , female, 4	
3. Louisiana,	<i>Columbianus</i> , 5	
GENUS XXXIII. <i>Loxia</i> . <i>Crossbills</i> . Brisson.		
1. American Crossbill,	<i>L. curvirostra</i> , young male, XLVII. 1	
† Ditto,	<i>ditto</i> , female, 2	
* 2. White-winged ditto,	<i>leucoptera</i> , male, 3	
† Ditto,	<i>ditto</i> , young male, 4	
† Ditto,	<i>ditto</i> , female, 5	

SYSTEMATIC INDEX.

- GENUS XXXIV. *Pyrrhula*. Bullfinches. Brisson.
- * 1. Pine Bullfinch, *P. Enucleator*, male, XLVIII. 1
 - Ditto, ditto, young male, 2
 - Ditto, ditto, female, 3
 - 2. Crimson-headed, *frontalis*, male, 4
 - Ditto, ditto, female, 5

- GENUS XXXV. *Fringilla*. Finches. Illiger.
- 1. Lazuli Finch, *F. amana*, XLIX. 1
 - 2. American Goldfinch, *tristis*, male, 2
 - Ditto, ditto, female, 3
 - 3. Arkansaw, *psalteria*, 4
 - 4. Indigo, *cayana*, male, 5
 - Ditto, ditto, female, 6
 - 5. Evening, *vespertina*, 7
 - 6. Rose-breasted, *Ludoviciana*, male, 8
 - Ditto, ditto, female, 9
 - 7. White-crowned, *leucophrys*, L. 1
 - 8. Bay-winged, *graminea*, 2
 - 9. Swamp, *palustris*, 3
 - 10. Savannah, *Savanna*, male, 4
 - Ditto, ditto, female, 5
 - 11. Field, *pusilla*, 6
 - 12. Tree, *arborea*, 7
 - 13. Chipping, *socialis*, 8
 - 14. Yellow-winged, *passerina*, 9
 - 15. Fox-coloured, *ferruginea*, 10
 - 16. Lark, *graminea*, 11
 - 17. Painted, *cris*, male, L. 1
 - Ditto, ditto, female, 2
 - 18. Sharp-tailed, *caudacea*, 3
 - 19. Towhee, *erythrophthalma*, male, 4
 - Ditto, ditto, female, 5
 - 20. Lesser Redpoll, *linaria*, 6
 - 21. Snow-bird, *Hudsonia*, 7
 - 22. White-throated Sparrow, *albicollis*, male, LII. 1
 - Ditto, ditto, female, 2
 - 23. Song Sparrow, *melodia*, male, 3
 - Ditto, ditto, female, 4
 - * 24. Gray crowned Linnet, *tephrocotis*, 5
 - 25. Sea-side Finch, *maritima*, 6
 - 26. Pine ditto, *pinus*, 7
 - 27. Cardinal ditto, *cardinalis*, male, LIII. 1
 - Ditto, ditto, female, 2
 - 28. Purple ditto, *purpurea*, male, 3
 - Ditto, ditto, young ditto, 4
 - Ditto, ditto, female, 5
 - 29. Blue, *cerulea*, 6
 - 30. Black-throated, *Americana*, 7

- GENUS XXXVI. *Coccyzus*. Cuckoos. Vieillot.
- 1. Yellow-bellied Cuckoo, *C. Americana*, LIV. 2
 - 2. Black-bellied ditto, *erythrophthalmus*, 3

- GENUS XXXVII. *Psittacus*. Parrots. Linnæus.
- 1. Carolina Parrot, *P. Carolinensis*, male, LIV. 1

- GENUS XXXVIII. *Picus*. Woodpeckers. Linnæus.
- † 1. Ivory-billed Woodpecker, *P. principalis*, male, LV. 1
 - Ditto, ditto, female, 2
 - † 2. Pilated ditto, *piliatus*, male, LVI. 1
 - Ditto, ditto, female, 2
 - * 3. Three-toed ditto, *tridactylus*, male, LV. 3
 - * 4. Arctic three-toed ditto, *Arcticus*, male, LVI. 3
 - Ditto, ditto, female, LVIII. 2
 - 5. Red-headed ditto, *erythrocephalus*, male, LV. 4
 - Ditto, ditto, young, LVIII. 5
 - 6. Lewis's ditto, *torquatus*, LVII. 1
 - 7. Hairy ditto, *villosus*, 3
 - 8. Red-bellied ditto, *Carolinensis*, 4
 - 9. Downy ditto, *pubescens*, 5
 - 10. Yellow-bellied ditto, *Varius*, ditto, young, LVIII. 3
 - Ditto, ditto, LVIII. 4
 - 11. Red-cockaded ditto, *querulus*, LVIII. 1
 - 12. Gold-winged ditto, *auratus*, LVIII. 6
 - * 12. Ditto, ditto, young, LVI. 4

- GENUS XXXIX. *Sitta*. Nuthatches. Linnæus.
- 1. White-breasted, black-capped Nuthatch, *S. Carolinensis*, LIX. 1
 - 2. Red-bellied, black-capped ditto, *varia*, 2
 - 3. Brown-headed ditto, *pusilla*, 3

- GENUS XL. *Certilia*. Creepers. Linnæus.
- 1. Brown Creeper, *C. familiaris*, LX. 1
 - 2. Black and White, *maculata*, 2

- GENUS XLI. *Trochilus*. Humming-Birds. Linnæus.
- 1. Northern Humming-Bird, *T. Colubris*, male, LXI. 1
 - Ditto, ditto, female, 2
 - Ditto, ditto, young, 3
 - * 2. Ruff-necked ditto, *rufus*, male, 4
 - * 2. Ditto, ditto, young male, 5
 - * 2. Ditto, ditto, female, 6
 - * 2. Ditto, ditto, young ditto, 7
 - * 3. Mangrove ditto, *Mango*, male, 9
 - * 2. Ditto, ditto, female, 10

- GENUS XLII. *Alcedo*. Kingfishers. Linnæus.
- 1. Belted Kingfisher, *A. alcyon*, male, LXII. 1
 - Ditto, ditto, female, 2

- GENUS XLIII. *Cypselus*. Swallows. Illiger.
- 1. Chimney Swallow, *C. pelagius*, LXIII. 1

- GENUS XLIV. *Hirundo*. Martins. Linnæus.
- 1. Purple Martin, *H. purpurea*, male, LXIII. 2
 - Ditto, ditto, female, 3
 - 2. Barn ditto, *rufa*, male, 4
 - Ditto, ditto, female, 5
 - 3. White-bellied ditto, *bicolor*, 6
 - 4. Bank ditto, *riparia*, 7
 - 5. Cliff ditto, *fulva*, 8

- GENUS XLV. *Caprimulgus*. Nighthawks. Linnæus.
- 1. Virginian Nighthawk, *C. Virginianus*, male, LXIV. 1
 - Ditto, ditto, female, 2
 - 2. Whip Poor Will, *vociferus*, male, 3
 - Ditto, ditto, female, 4
 - 3. Chuck Will's Widow, *Carolinensis*, 5

- GENUS XLVI. *Columba*. Pigeons. Linnæus.
- 1. Passenger Pigeon, *C. migratoria*, LXV. 1
 - 2. Carolina Turtle Dove, *Carolinensis*, LXVI. 1
 - 3. Zenaida ditto, *Zenaida*, LXV. 3
 - 4. Band-tailed Pigeon, *fasciata*, LXV. 2
 - 5. White-crowned ditto, *leucocephalus*, LXVI. 2
 - 6. Ground Dove, *passerina*, male, 3
 - Ditto, ditto, female, 4

- GENUS XLVII. *Meleagris*. Turkeys. Linnæus.
- † 1. Wild Turkey, *M. Gallopavo*, male, LXVII. 1
 - Ditto, ditto, female, LXVII. 1
 - * 2. Honduras ditto, *ocellata*, male, LXVIII. 3-3

- GENUS XLVIII. *Oryzopsis*. Quails. Stephens.
- 1. Virginian Partridge or Quail, *O. Virginiana*, male, LXIX. 1
 - Ditto, ditto, female, LXIX. 2
 - * 2. Long-tailed ditto, *Macroura*, LXX. 1
 - * 3. Montezuma's ditto, *Montezuma*, LXI. 1
 - * 4. Douglas's ditto, *Douglasii*, LXXI. 1
 - * 5. Californian ditto, *Californica*, male, 2
 - Ditto, ditto, female, 3
 - * 6. Harnessed ditto, *capistrata*, LXXII. 1
 - * 7. Welcome ditto, *neoxinus*, 2
 - * 8. Painted ditto, *picta*, male, LXXIII. 1
 - Ditto, ditto, female, 2

- GENUS XLIX. *Tetrao*. Grouse. Linnæus.
- 1. Ruffed Grouse, *T. Umbellus*, male, LXXIV. 1
 - 2. Sharp-tailed, *phasianellus*, female, 2
 - 3. Pinnated, *cupido*, male, LXXV. 1
 - Ditto, ditto, female, 2
 - * 4. Dusky, *obscurus*, male, LXXVI. 1
 - Ditto, ditto, female, 2
 - 5. Spotted, *Canadensis*, male, LXXVII. 1
 - Ditto, ditto, female, 2
 - * 6. Rocky Mountain Spotted, *Franklini*, male, LXXVIII. 1
 - Ditto, ditto, female, 2
 - * 7. Richardson's ditto, *Richardsonii*, male, LXXIX. 1
 - Ditto, ditto, female, 2
 - * 8. Cock of the Plains, *Urophasianus*, male, LXXX. 1
 - Ditto, ditto, female, 2

- GENUS L. *Lagopus*. Ptarmigan. Ray.
- * 1. Willow Ptarmigan, *L. Saliceti*, male, spring, LXXXI. 1
 - Ditto, ditto, summer, 2
 - * 2. Ditto, ditto, female, winter, 3
 - * 2. White-tailed ditto, *leucurus*, LXXXII. 1
 - * 3. Rock ditto, *rupestris*, 2
 - * 4. Common ditto, *nuctus*, male, winter, LXXXIII. 1
 - Ditto, ditto, female, summer, 2

DIVISION II.—WATER BIRDS.

- GENUS LI. *Himantopus*. Himantopus. Brisson.
- † 1. Black-necked Himantopus, *H. nigricollis*, LXXXIV. 1

- GENUS LII. *Hæmatopus*. Oyster Catchers. Linnæus.
- † 1. Pied Oyster-Catcher, *H. ostralegus*, LXXXV. 1

- GENUS LIII. *Charadrius*. Plovers. Linnæus.
- † 1. Wilson's Plover, *C. Wilsonius*, LXXXVI. 1
 - † 2. Ring ditto, *semipalmatus*, 2
 - † 3. Kildeer ditto, *vociferus*, 3
 - † 4. Musical ditto, *melodius*, 4
 - † 5. Virginian ditto, *Virginianus*, 5

- GENUS LIV. *Vanellus*. Vanelles. Brisson.
- † 1. Black-bellied Plover, *V. cinereus*, LXXXVI. 6

- GENUS LV. *Streptopelia*. Turnstones. Linnæus.
- † 1. Turnstone, *S. interpres*, LXXXVII. 1

- GENUS LVI. *Grus*. Cranes. Pallas.
- 1. Whooping Crane, *G. Americana*, LXXXVIII. 1
 - * 2. Brown ditto, *Canadensis*, 2

- GENUS LVII. *Ardea*. Herons. Linnæus.
- † 1. Great Heron, *A. Herodias*, LXXXIX. 1
 - † 2. Louisiana ditto, *Ludoviciana*, 2
 - † 3. Green ditto, *viridescens*, 3

- GENUS LVIII. *Botaurus*. Bitterns. Brisson.
- † 1. American Bittern, *B. Minor*, XC. 1
 - † 2. Least ditto, *Exilis*, 2

- GENUS LIX. *Nycticorax*. Night-Herons. Bonaparte.
- † 1. Common Night-Heron, *N. Gardinii*, XCI. 1
 - * 2. Ditto, ditto, young, 2
 - † 2. White-crowned ditto, *violacea*, 3

- GENUS LX. *Egretta*. Egrets. Jardine.
- † 1. Great Egret, *E. leuca*, XCII. 1
 - † 2. Snowy ditto, *candidissima*, 2
 - † 3. Blue ditto, *cærulea*, 3

- GENUS LXI. *Phœnicopterus*. Flamingos. Linnæus.
- † 1. Red Flamingo, *P. ruber*, XCIII. 1

- GENUS LXII. *Recurvirostra*. Avosets. Linnæus.
- 1. American Avoset, *R. Americana*, XCIII. 2

- GENUS LXIII. *Platalea*. Spoon-bills. Linnæus.
- 1. Roscate Spoonbill, *P. Ajaja*, XCIV. 1

- GENUS LXIV. *Tantalus*. Ibis. Linnæus.
- † 1. Wood Ibis, *T. loculator*, XCV. 1

- GENUS LXV. *Ibis*. Ibis. Lacepede.
- * 1. Scarlet Ibis, *I. rubra*, adult, XCVI. 1
 - * 2. Ditto, ditto, second year, 2
 - * 2. Ditto, ditto, first ditto, 3
 - † 2. White ditto, *alba*, 4

- GENUS LXVI. *Numerius*. Curlews. Brisson.
- † 1. Long-billed Curlew, *N. longirostris*, XCVII. 1
 - * 2. Hudsonian, *Hudsonianus*, 2
 - † 3. Esquimaux, *Borealis*, 3

- GENUS LXVII. *Tringa*. Sandpipers. Brisson.
- 1. Ash-coloured Sandpiper, *T. cinerea*, XCVIII. 1
 - 2. Red-breasted ditto, *rufa*, 2
 - * 3. Purple ditto, *maritima*, 3
 - * 4. Douglas's ditto, *Douglasii*, 4
 - † 5. Diminutive ditto, *pusilla*, 5
 - † 6. Semipalmated ditto, *semipalmata*, 6
 - † 7. Red-backed ditto, *Alpina*, winter, 7
 - Ditto, ditto, summer, 8
 - * 8. Pigmy ditto, *minuta*, 9

- GENUS LXVIII. *Calidris*. Sanderlings. Illiger.
- † 1. Sanderling, *C. arenaria*, summer, XCIX. 1
 - † 2. Ditto, ditto, winter, 2

- GENUS LXIX. *Totanus*. Tattlers. Bechstein.
- 1. Solitary Tattler, *T. chloropygius*, C. 1
 - 2. Yellow Shank ditto, *flavipes*, 2
 - 3. Tell-tale ditto, *melanobucus*, 3
 - * 4. Semipalmated ditto, *semipalmatus*, summer, 4
 - 5. Ditto, ditto, winter, 5
 - † 6. Bartram's ditto, *Bartramius*, 6
 - * 7. Red-shank ditto, *calidris*, 7
 - 8. Spotted, *macularis*, 8
 - * 9. White, *candidus*, 9

- GENUS LXX. *Limosa*. Godwits. Brisson.
- * 1. Great marbled Godwit, *L. feldoa*, male, CI. 1
 - Ditto, ditto, female, 2
 - * 2. Hudsonian, *Hudsonica*, 3
 - * 3. White, *alba*, 4

- GENUS LXXI. *Scolopax*. Snipes. Linnæus.
- † 1. Red-breasted Snipe, *S. Novboracensis*, CII. 1
 - 2. Wilson's ditto, *Wilsonii*, 2
 - 3. American Woodcock, *minor*, 3

- GENUS LXXII. *Rallus*. Rails. Linnæus.
- 1. Clapper Rail, *R. crepitans*, CIII. 1
 - 2. Virginian ditto, *Virginianus*, 2
 - * 3. Yellow-breasted, *Novboracensis*, 3
 - 4. Carolina, *Carolinus*, 4

- GENUS LXXIII. *Gallinula*. Gallinules. Brisson.
- 1. Martinico Gallinule, *G. Martinico*, CIV. 2

- GENUS LXXIV. *Fulica*. Coots. Linnæus.
- 1. Cinereous Coot, *F. Americana*, CIV. 1

- GENUS LXXV. *Phalaropus*. Phalaropes. Brisson.
- † 1. Flat-billed Phalarope, *P. fulicarius*, CV. 1
 - * 2. Wilson's ditto, *Wilsonii*, 2
 - * 2. Ditto, ditto, young, 3
 - * 3. Hyperborean, *hyperboreus*, 4
 - * 3. Ditto, ditto, young, 5

- GENUS LXXVI. *Podiceps*. Grebes. Latham.
- * 1. Crested Grebe, *P. cristatus*, CVI. 1
 - * 2. Horned ditto, *cornutus*, 2
 - * 3. Red-necked, *rubicollis*, 3

- GENUS LXXVII. *Rhyncops*. Skimmers. Linnæus.
- 1. Black Skimmer, *R. nigra*, CVII. 1

- GENUS LXXVIII. *Sterna*. Terns. Linnæus.
- † 1. Lesser Tern, *S. minuta*, CVIII. 1
 - † 2. Sooty ditto, *fuliginosa*, 2
 - † 3. Black ditto, *nigra*, summer, 3
 - * 3. Ditto, ditto, winter, 4
 - * 3. Ditto, ditto, young, 5
 - † 4. Marsh ditto, *aranea*, 6
 - † 5. Great ditto, *hirundo*, 7
 - * 6. Arctic ditto, *Arctica*, 8

- GENUS LXXIX. *Larus*. Gulls. Linnæus.
- * 1. Fork-tailed Gull, *L. Sabini*, CIX. 1
 - * 2. Cuneate-tailed ditto, *Rosii*, 2
 - * 3. Bonapartian ditto, *Bonapartii*, 3
 - * 4. Franklin's rosy ditto, *Franklinii*, 4
 - * 5. Laughing ditto, *atricilla*, 5
 - * 6. Little ditto, *minutus*, 6
 - * 6. Ditto, ditto, young, 7
 - * 7. Mew ditto, *Canus*, 8
 - * 8. Burgomaster, *glauca*, 9
 - * 9. White-winged Silvery ditto, *leucopterus*, CX. 1
 - * 10. Ivory ditto, *eburneus*, 2
 - * 11. Kittiwake ditto, *tetractylus*, summer, 3
 - * 12. Ditto, ditto, first moult, 4

- GENUS LXXX. *Lestris*. Shuas. Illiger.
- * 1. Arctic Skua, *L. parasiticus*, CXI. 3
 - * 2. Pomarine ditto, *Pomarinus*, 4
 - * 3. Richardson's, *Richardsonii*, 5
 - * 4. Common, *cataractes*, 6

- GENUS LXXXI. *Thalasidroma*. Petrels. Bonaparte.
- † 1. Wilson's Petrel, *T. Wilsonii*, CXII. 1
 - * 2. Fork-tailed ditto, *Bullockii*, 2

- GENUS LXXXII. *Anas*. Ducks. Linnæus.
- 1. Mallard, *A. boschas*, male, CXIII. 1
 - * 2. Ditto, ditto, female, 2
 - 2. Shoveller, *cypleata*, male, 3
 - † 3. Pin-tail, *acuta*, male, 4
 - † 4. Dusky, *obscura*, 5
 - † 5. Blue-winged, *discors*, 6
 - † 6. Green-winged, *crecca*, 7

- GENUS LXXXIII. *Merica*. Wigeons. Stephens.
- † 1. American Wigeon, *M. Americana*, CXIII. 1

- GENUS LXXXIV. *Dendrocygna*. Wood-Ducks. Swainson.
- † 1. Summer Wood-Duck, *D. sponsa*, CXIII. 2

- GENUS LXXXV. *Somateria*. Eiders. Leach.
- * 1. King Eider, *S. spectabilis*, male, CXIII. 3
 - * 2. Ditto, ditto, female, 4
 - * 2. Common ditto, *molissima*, male, 5
 - † 2. Ditto, ditto, female, 6

SYSTEMATIC INDEX.

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GENUS LXXXVI. <i>Oidemia</i> . <i>Scoters</i> . Fleming.			
† 1. Velvet Scoter,	<i>O. fusca</i> ,	CXIV.	1
† 2. American ditto,	<i>Americana</i> ,		2
† 3. Surf ditto,	<i>perspicillata</i> ,		3
GENUS LXXXVII. <i>Fuligula</i> . <i>Pochards</i> . Ray.			
† 1. Ruddy Pochard,	<i>F. rubida</i> , male,	CXV.	1
† Ditto,	ditto, female,		2
† 2. Red-headed ditto,	<i>ferina</i> ,		3
† 3. Ring-necked ditto,	<i>rufitorques</i> ,		4
† 4. Pied ditto,	<i>labrador</i> ,		5
† 5. Scaup ditto,	<i>marila</i> , male,		6
† 6. Ditto, ditto,	ditto, female,		7
† 7. Canvass-back ditto,	<i>Vallisneria</i> ,		8
GENUS LXXXVIII. <i>Clangula</i> . <i>Garrots</i> . Leach.			
* 1. Rocky-mountain Garrot,	<i>C. barrovii</i> ,	CXVI.	1
† 2. Harlequin ditto,	<i>histrionica</i> ,		2
† 3. Buffle-headed ditto,	<i>albica</i> , male,		3
† Ditto,	ditto, female,		4
* 4. Golden-eye ditto,	<i>vulgaris</i> , male,		5
* Ditto,	ditto, female,		6

GENUS LXXXIX. <i>Harelda</i> . <i>Harelds</i> . Leach.			
† 1. Long-tailed Hareld,	<i>H. glacialis</i> ,	CXVI.	7
† Ditto,	ditto, female,		8
GENUS XC. <i>Mergus</i> . <i>Mergansers</i> . Linnæus.			
† 1. Hooded Merganser,	<i>M. cucullatus</i> ,	CXVII.	1
† 2. Red-breasted ditto,	<i>serrator</i> ,		2
† 3. Goosander,	<i>Merganser</i> , male,		3
† 4. Ditto,	ditto, female,		4
† 5. Smew,	<i>albellus</i> ,		5
GENUS XCI. <i>Anser</i> . <i>Geese</i> . Bechstein.			
1. Canada goose,	<i>A. Canadensis</i> ,	CXVIII.	1
2. Snow ditto,	<i>hyperboreus</i> ,		2
3. Brent ditto,	<i>Barnicla</i> ,		3
* 4. Blue-winged,	<i>Edwardsii</i> ,	CXIX.	1
* 5. Laughing,	<i>albifrons</i> ,		2
GENUS XCII. <i>Cygnus</i> . <i>Swans</i> . Meyer.			
* 1. Bewick's Swan,	<i>C. Bewickii</i> ,	CXX.	

GENUS XCIII. <i>Pelecanus</i> . <i>Pelicans</i> . Linnæus.			
* 1. Brown Pelican,	<i>P. fuscus</i> ,	CXXI.	1
* 2. White ditto,	<i>Ornocrotalus</i> ,		2
GENUS XCIV. <i>Plotus</i> . <i>Darters</i> . Linnæus.			
† 1. Black-bellied Darter,	<i>P. ankinga</i> , male,	CXXII.	1
† 2. Ditto,	ditto, female,		2
GENUS XCV. <i>Colymbus</i> . <i>Divers</i> . Latham.			
† 1. Great Northern Diver,	<i>C. glacialis</i> ,	CXXIII.	1
* 2. Red-throated ditto,	<i>Septentrionalis</i> ,		2
* 3. Black-throated ditto,	<i>Arcticus</i> ,		3
GENUS XCVI. <i>Uria</i> . <i>Guillemots</i> . Brisson.			
* 1. Black Guillemot,	<i>U. grylle</i> , summer,	CXXIV.	1
* Ditto,	ditto, winter,		2
* 2. Foolish ditto,	<i>troile</i> , summer,		3
* Ditto ditto,	ditto, winter,		4
* 3. Little ditto,	<i>Alle</i> , summer,		5
† Ditto, ditto,	winter,		6

METHODICAL DISPOSITION OF THE NORTH AMERICAN SYLVA.

OAKS.

FIRST DIVISION. ANNUAL FRUCTIFICATION.

First Section. *Lobed Leaves*.

1. White Oak,	<i>Quercus Alba</i> ,	L.	14
2. Common European,	<i>Robur</i> ,	X.	6
3. European White,	<i>Robur Pedunculata</i> ,	X.	7
4. Mossy Cup,	<i>Olivaformis</i> ,	L.	12
5. Over Cup White,	<i>Macrocarpa</i> ,	LIX.	4
6. Post,	<i>Obtusiloba</i> ,	L.	13
7. Over Cup,	<i>Lyrata</i> ,	XXXVI.	14

Second Section. *Toothed Leaves*.

8. Swamp White,	<i>Quercus prinus discolor</i> ,	XVI.	6
9. Chestnut White,	<i>pinus palustris</i> ,	XXXIII.	10
10. Rock Chestnut,	<i>pinus Monticola</i> ,	LVIII.	7
11. Yellow,	<i>pinus acuminatus</i> ,	XXXVI.	15
12. Small Chestnut,	<i>pinus chincapin</i> ,		13

SECOND DIVISION. BIENNIAL FRUCTIFICATION.

First Section. *Mucronated Leaves*. (Except 13.)

13. Live,	<i>Quercus Virens</i> ,	XXXVI.	16
14. Cork,	<i>Suber</i> ,	XI.	7
15. Willow,	<i>Phellos</i> ,	XXIV.	14
16. Laurel,	<i>Imbricaria</i> ,	XI.	5
17. Upland Willow,	<i>Cinerea</i> ,	XI.	6
18. Running,	<i>Pumila</i> ,	XXXV.	14

Second Section. *Lobed Leaves*.

19. Bartram's,	<i>Quercus Heterophylla</i> ,	LI.	9
20. Water,	<i>Aquatica</i> ,	LXIV.	10
	& <i>XLII.</i>		7
21. Black Jack,	<i>Ferruginea</i> ,	IX.	7
22. Bear,	<i>Banisteri</i> ,	XXXVI.	17

Third Section. *Multifid or Many-cleft Leaves*.

23. Barrens Scrub,	<i>Quercus Catesbaei</i> ,	LII.	9
24. Spanish,	<i>Falcata</i> ,	LVIII.	8
25. Black,	<i>Tinctoria</i> ,	XII.	8
26. Scarlet,	<i>Coccinea</i> ,	LIX.	5
27. Gray,	<i>Ambigua</i> ,	XVII.	5
28. Red,	<i>Rubra</i> ,	VIII.	4

WALNUTS.

First Section. *Simple Aments*. *Vegetation rapid*.

1. Common European Walnut,	<i>Juglans Regia</i> ,	XLII.	7, 8, 9
2. Black Walnut,	<i>Nigra</i> ,	LXII.	3
3. Butternut,	<i>Cathartica</i> ,	XLIX.	12

Second Section. *Compound Aments*, each *Peduncle* bearing three. *Vegetation slow*.

4. Pacanenut Hickory,	<i>Juglans Olivaformis</i> ,	XXXIII.	14
5. Bitternut ditto,	<i>Amara</i> ,	XLII.	6
6. Water Bitternut Hickory,	<i>Aquatica</i> ,	LXVI.	7
7. Mockernut Hickory,	<i>Tomentosa</i> ,	XXXVII.	17
8. Shellbark Hickory,	<i>Squamosa</i> ,	LXVI.	8
9. Thick Shellbark ditto,	<i>Laciniosa</i> ,	LVIII.	9
10. Pignut ditto,	<i>Porcina</i> ,	LVII.	12
11. Nutmeg ditto,	<i>Myristiceformis</i> ,	XXXVII.	16

MAPLES.

First Section. *Sessile Flowers*. *Fructification vernal*.

1. White Maple,	<i>Acer Eriocarpum</i> ,	LXIV.	9
2. Red Flowering,	<i>Rubrum</i> ,	XLIX.	14

Second Section. *Pedunculated Flowers*. *Fructification autumnal*.

3. Sugar Maple,	<i>Acer Saccharinum</i> ,	V.	8
4. Black Sugar Maple,	<i>Nigrum</i> ,	LI.	11
5. Norway Maple,	<i>Platanoides</i> ,	LII.	12
6. Sycamore,	<i>Pseudo-Platanus</i> ,	XVIII.	4
7. Moose Wood,	<i>Striatum</i> ,	LI.	12
8. Box Elder,	<i>Negundo</i> ,	LI.	9
9. Mountain Maple,	<i>Montanum</i> ,	LXII.	4

1. Dogwood,	<i>Cornus Florida</i> ,	XV.	4
1. Georgia Bark,	<i>Pinckneya pubens</i> ,	XXXVIII.	17
1. Coffee-Tree,	<i>Gymnocladus-Canadensis</i> ,	VIII.	5
1. Spanish Coffee-Tree,	<i>Cassia Occidentalis</i> ,	XXXIX.	8
1. Wild or Cane Vine,	<i>Vulgo</i> ,	XXXVII.	15

MAGNOLIAS.

1. Large Flowered Magnolia,	<i>Magnolia grandiflora</i> ,	LX.	3
2. Small Magnolia,	<i>Glaucia</i> ,	XXI.	9
3. Cucumber Tree,	<i>Acuminata</i> ,	XXX.	6

4. Heart-leaved Cucumber Tree,	<i>Cordata</i> ,	XXXV.	10
5. Umbrella Tree,	<i>tripetala</i> ,	XXXV.	12
6. Long-leaved Cucumber Tree,	<i>Auriculata</i> ,	XLIV.	3
7. Large-leaved Umbrella Tree,	<i>Macrophylla</i> ,	XVIII.	3

1. Loblolly Bay,	<i>Gordonia Lasianthus</i> ,	XXII.	6
1. Franklinia,	<i>pubescens</i> ,	XXXII.	8

1. Papaw,	<i>Anona Triloba</i> ,	XXX.	7
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1. Tulip Tree,	<i>Lyrodendrum Tulipifera</i> ,	XXV.	7
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1. Sweet Gum,	<i>Liquidambar Styrciflua</i> ,	X.	5
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1. Button Wood,	<i>Platanus Occidentalis</i> ,	XXXII.	9
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1. Catalpa,	<i>Bignonia Catalpa</i> ,	XLIV.	4
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1. Crab Apple,	<i>Malus Coronaria</i> ,	XIV.	3
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1. June Berry,	<i>Maspilus Arborea</i> ,	XXIII.	8
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1. Dwarf Rose Bay,	<i>Rhododendrum Maximum</i> ,	XXIII.	12
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1. Mountain Laurel,	<i>Kalmia Latifolia</i> ,	LXI.	8
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BIRCHES.

First Section. *Fertile Aments*, *pedunculated and pendulous*.

1. Conoe Birch,	<i>Betula Papyracia</i> ,	XXXII.	11
2. Common European,	<i>Alba</i> ,	XLIX.	10
3. White,	<i>Populifolia</i> ,	XXIII.	9

Second Section. *Fertile Aments*, *sessile and erect*.

4. Red Birch,	<i>Betula Rubra</i> ,	XVII.	7
5. Yellow Birch,	<i>Lutea</i> ,	XXI.	10
6. Black Birch,	<i>Lenta</i> ,	L.	15

1. Common Alder,	<i>Alnus Serrulata</i> ,	XXIII.	11
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2. Black Alder,	<i>Glaucia</i> ,	XXIII.	10
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1. Locust Tree,	<i>Robinia Pseudo-Acacia</i> ,	LXVII.	4
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2. Rose Flowering Locust,	<i>Viscosa</i> ,	L.	16
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1. Yellow Wood,	<i>Virgilia Lutea</i> ,	XXIX.	7
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1. Sweet Locust,	<i>Gleditsia Triacanthos</i> ,	XXXV.	11
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2. Water Locust,	<i>Monosperma</i> ,	XXXIV.	11
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1. Sassafras,	<i>Laurus Sassafras</i> ,	LXIII.	13
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2. Red Bay,	<i>Carolinensis</i> ,	XXIX.	3
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3. Camphor Tree,	<i>Camphora</i> ,	LXXIX.	3
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1. American Holly,	<i>Ilex Opaca</i> ,	XXVI.	5
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1. Sorel Tree,	<i>Andromeda Arborea</i> ,	XXXV.	13
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1. Devil Wood,	<i>Olea Americana</i> ,	XXVI.	6
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2. Olive Tree,	<i>Europaea</i> ,	LXIII.	12
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1. Wild Cherry,	<i>Cerasus Virginiana</i> ,	XXXII.	10
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2. Wild Orange,	<i>Caroliniana</i> ,	XXXVII.	18
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3. Red Cherry,	<i>Borealis</i> ,	XXXIX.	9
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1. Large Buck-eye,	<i>Pavia Lutea</i> ,	XXXIII.	13
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2. Ohio Buck-eye,	<i>Ohioensis</i> ,	XXII.	4
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1. Persimon,	<i>Diospyros Virginiana</i> ,	XVII.	6
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1. Carolina Poplar,	<i>Populus Angulata</i> ,	XXXII.	7
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2. Catton Wood,	<i>Canadensis</i> ,	LXV.	7
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3. American Black Poplar,	<i>Hudsonica</i> ,	XXXIV.	14
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4. Virginian Poplar,	<i>Monilifera</i> ,	LI.	15
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5. Cotton Tree,	<i>Argentea</i> ,	XXXIX.	10
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6. Balsam Poplar,	<i>Balsamifera</i> ,	XXXIII.	12
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7. Heart-leaved Balsam Poplar,	<i>Candicans</i> ,	LI.	11
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8. American Aspin,	<i>Tremuloides</i> ,	XXXVIII.	21
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9. American Large Aspin,	<i>Grandidentata</i> ,	XL.	5
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10. Common White or Grey Poplar,	<i>Canescens</i> ,	XXII.	5
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1. Cabbage Tree,	<i>Chameroops Palmetto</i> ,	XC.	2
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1. Pride of India,	<i>Melia Azedarach</i> ,	XIX.	6
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1. Pistacia Tree,	<i>Pistacia Vera</i> ,		5
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1. American Chestnut,	<i>Castanea Visca</i> ,	VII.	5
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2. Chincapin,	<i>Pumila</i> ,	XXVIII.	9
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1. White Beech,	<i>Fagus Sylvestris</i> ,	XLV.	10
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2. Red Beech,	<i>Ferruginea</i> ,	LIV.	7
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1. American Hornbeam,	<i>Carpinus Americana</i> ,	XXVIII.	11
2. Iron Wood,	<i>Ostrya</i> ,	XLVI.	9

1. Black Gum,	<i>Nyssa Sylvatica</i> ,	XV.	5
2. Tupelo,	<i>Aquatica</i> ,	XLVI.	8
3. Large Tupelo,	<i>Grandidentata</i> ,	LXV.	
4. Sour Tupelo,	<i>Capitata</i> ,	V.	7

1. American Nettle Tree,	<i>Celtis Occidentalis</i> ,	XLIX.	11
2. Hack Berry,	<i>Crassifolia</i> ,	XLVI.	6

1. Red Mulberry,	<i>Morus Rubra</i> ,	LIII.	12
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1. Sweet Leaf,	<i>Hopea Tinctoria</i> ,	XXIV.	15
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1. White Ash,	<i>Fraxinus Americana</i> ,		13
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2. Red Ash,	<i>Tomentosa</i> ,	LIII.	11
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3. Green Ash,	<i>Viridis</i> ,	IX.	6
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4. Common European Ash,	<i>Excelsior</i> ,	XXXI.	6
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5. Black Ash,	<i>Sambucifolia</i> ,	XVI.	7
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6. Blue Ash,	<i>Quadrangulata</i> ,	XXXI.	7
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7. Caroline Ash,	<i>Platycarpa</i> ,	XXXVIII.	19
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1. Champlain Willow,	<i>Salix Ligustrina</i> ,	XXVIII.	10
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2. Shining Willow,	<i>Lucida</i> ,	XLVI.	7
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3. Black Willow,	<i>Nigra</i> ,	XLIX.	13
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1. White Elm,	<i>Ulmus Americana</i> ,	XXXVIII.	20
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2. Wahoo,	<i>Alata</i> ,	XXXI.	8
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SARCOPHAGA CALIFORIENSIS.
CALIFORNIAN VULTURE.

Engraved by Samuel Milne.

Drawn by Capt. Thos. Brown

CATHARTES AURA.
TURKEY VULTURE.

CATHARTES ATRATUS.
BLACK VULTURE.

AQUILA
EAGLES.
1. Golden Eagle. *A. Chrysaetos*. Adult.
2. Osprey. *Haliaeetus*.

Engraved by James Turrell.

PLATE.
 1 White-headed Eagle *Haliaeetus leucophalus*
 2 Swallow-tailed Hawk *F. hirundinarius*
 3 Pigeon Hawk *F. columbarius*
Hypob. Larva typica

FALCO.
FALCONS.
1 Peregrine Falcon. *F. peregrinus* Val.
2. Iberian Falcon. *F. tinnunculus* L.
3. Sparrow Hawk. *F. montanus* L.

ACCIPITER.
HAWKS.
1. Stanley's Hawk. *A. velox* L.
2. American Osprey. *A. americanus* L.

FALCO.
HAWKS.

1 Rough-Legged Falcon	<i>F. Lagopus</i>
2 Broad-Winged Hawk	<i>L. latissimus</i>
3 Sharp-Shinned Hawk	<i>F. alpestris</i>
	<i>4 Red Oak 5 Coffee Tree</i>

Engd by W. Elliott

FALCO
HAWKS
1 White Tailed H. E. *Dispar*..... 3. Coopers H. E. *Cooperii*
2 Blue H. *Cyaneus*..... 4. *Dicaeclus Dilatatus*
5. Sweet Gum 6. Common European Oak 7. European White Oak.

FALCO
HAWKS.

1. Peregrine Falcon. *F. Peregrinus* Female.
2. American Sparrow Hawk. *- sparverius* Male.
3. Mississippi Kite. *- Mississippiensis* M.
4. Laurel Oak. 5. Upland Willow Oak. 7. Cork Oak.

FALCO.
HAWKS.

- 1 Winter Falcon. *F. Hyemalis.* 3 Red Tailed Hawk. *F. Borealis*
2 Ash Coloured Hawk. *F. Palumbarius.* 4 American Buzzard. *F. Leverianus*
5 *Buprestis Fasciata.* 6 *Buprestis Rufipes.* 7 *Egeria Onuphale.*
8 Black Oak.

Engraved by R. Scott.

Buteo vulgaris
COMMON BUZZARD.

SNOWY OWL.
STRIX NYCTEA.

Male & Female - American Crab Apple.

STRIÆ.
D W L S.

- 1 Great Cuckoo Owl, S. Cuckoo
2 Tengmalm's Owl, D. Tengmalmi
3 Dalhousie's Owl, D. Dalhousiei
4 Dogwood. 5 Black Gum.

STRIX.
OWLS.

1 Hawk Owl.	<i>Strix Hudsonia.</i>	6 Swamp White Owl.
2 Barred DO.	<i>Nebulosa.</i>	7 Black Ash
3 Barn DO.	<i>Flammica.</i>	
4 Little DO.	<i>Passerina.</i>	
5 Burrowing DO.	<i>Curnicularia.</i>	

Engraved by R. Scott

STILL,
OWLS

- 1 Great Horned Owl *S. Virginianus*
 2 Long Eared Owl *D. —*
 3 Mottled Owl *D. —*
 4 D. — *D. —*
 5 D. — *D. —*
 6 D. — *D. —*
 7 D. — *D. —*

STRIX.
OWLS.

1. Short-eared Owl. — *S. brachyotus* —
2. Arctic White-throated Owl. — *A. strigosa* —
3. Long-eared Owl. — *N. longipennis* —

CORVUS.
CROWS

1. Raven. C. corax. 2. Crow. C. corone.
3. Fish Crow. C. ossifragus. 4. Clark's Crow. Columbianus.
5. Indian Crow. C. brachyotus.

GARRULUS.
JAYS.

1. Short-billed Jay. *G. brachyrynchus*.
 2. Columbian Jay. *G. bullcockii*.
 3. Magpie. *Pica pica*.
 , Whiteflowered Starling.

GARRULUS.
JAYS.

1 Steller's J.	G. Stelleri	3 Florida J.	G. Floridae
2 Blue J.	- Cristatus	4 Canada J.	- Canadensis

5 Lycus reticulatus. 6 L. Sanguinipennis 7 L. Perlae 8 Papilio Arthemis. 9 Small Mourning. 10 Yellow Birch.

YEPHANTIS.

BALTIMORES.

1 Orchard Baltimore	Adult Male	<i>Y. sparvus</i>	7 Redstart Spessipus
2 D.	D. 2 Years Old		8 Lime Berry
3 D.	D. 1 Year	—	9 White Birch
4 D.	Female		10 Black Alder
5 Catesby's D.	Male	<i>Y. Baltimore</i>	11 Common D.
6 D.	Female		12 Dwarf Rose Bay

UTTERIS.
TROOPIALS.

1 Yellow Headed Tropicbird	Male <i>Lichereophagus</i>	10 Calandra Tredecim Punctata
2 D ^o	Female	11 Scela Tredecim
3 Red Winged D ^o	Male <i>Pheniceus</i>	12 D ^o Confluentia
4 D ^o	Young	13 White Ash
5 Cow D ^o	Male <i>Pecoris</i>	14 Willow Ock
6 D ^o	Female	15 Sweet Leaf
7 D ^o	Young	
8 Rice D ^o	Male <i>Agripennis</i>	9 D ^o Female

QUISQUALUS
GRAKLES

1. Purple Grackle Male. Q. Versicolor
2. Do. Female

3. Scarabaeus Nitens Male 4. Do. Female 5. American Holly 6. Devil Wood.

E. M. Hall sculp.

STURNELLA, ludoviciana
 MEADOW-LARK Male
 Plant Virginian Spider Wort

Painted by Samuel W. Hume

TERIA.
THRISHES.

1. Ferruginous Thrush.	M. Ruta.
2. Hermit Thrush.	Solitaria.
3. Cat Bird.	Lyola.
4. Mocking Bird Male.	Polyglotta.
5. Robin.	Pigraornis.
6. Wood Thrush.	Meloda.
7. Tawny Thrush.	Austolina.
8. Plane Tree.	O. Phoebe.
9. Champlain Willow.	H. Hornbeam.

MERTIA.
THRUSHES.

1. Little Tawny Thrush	M. Minckleyi
2. Richardson's	M. Richardsoni
3. Golden-crowned	M. Auricapilla
4. Water	M. Aquatica
5. Audubon's	M. Ludoviciana
6. Red Bay. 7. Yellow Wood.	

CINCLUS. MYIOPHOBUS.

- 1 Pallas's Dipper: *C. pallasi*. 2 Rocky Mountain Antcatcher: *M. obsolatus*.
 3 *Dicaeetus violaceus*. 4 Cucumber Tree.
 5 *D. splendidus*. 6 Papaw.
 7 *D. sculptilis*.

LANIUS.
SHRIKES

- 1 Greater Northern Shrike — *L. borealis*
 2 American Gray Shrike — *Excubitorides*
 3 Great American Shrike — *Excubitor*
 4 Loggerhead Shrike — *Certhia*
 5 Common European Shrike — *L. sibilans*
 6 Yellow-bellied Shrike — *L. sibilans*
 7 Blue Shrike — *L. sibilans*
 8 Yellow-bellied Shrike — *L. sibilans*

MUSCIVORA,
FLY-CATCHERS

- 1 Tawny Flycatcher — *M. parvulus*
 2 Great Crested DO — *C. nana*
 3 Richardson's DO — *Richardsoni*
 4 Northern DO — *Paruska borealis*
 5 Say's DO — *Sayana*
 6 Little Flycatcher DO — *Paruska*
 7 Carolina Flycatcher & Paruska DO — *Paruska*
 8 Wild Cherry DO — *Paruska*

MUSCICAPA
FLYCATCHERS.

1. Fork-tailed Flycatcher	do	Sacana.
2. Small Green-crowned	do	guercia.
3. Wood pewee	do	rupae.
4. Arkansas	do	vertealis.
5. Flycatcher	do	maculosa.
6. Scissor-tailed	do	serripes.
7. Say's	do	sayi.

8. Calandro. 9. Red-eyed vireo. 10. White-crowned. 11. House Wren. 12. House Wren. 13. Large Blue. 14. Parula.

SETOPLAGA.
GNAT-CATCHERS.

1. Hooded Gnatcatcher.	S. Nivalis.
2. Green Black-capt D ^o .	— Pustilla.
3. Yellow-tailed D ^o .	— Runcilla. Mole.
4. D ^o D ^o .	— D ^o Fem.
5. D ^o D ^o .	— D ^o Young.
6. Selby's D ^o .	— Selbyi. M.
7. Bonaparte's D ^o .	— Bonapartei.
8. Small Blue Gray D ^o .	— Carulea. M.
9. D ^o D ^o .	— D ^o Fem.
10. Peris Nacope. 11. Water Locust.	12. Wild Pine. 13. Pitch Pine.

W. Davis Sculp

TIREO,
CHATS

1 Yellow Throated Chat	T. Flavivirens
2 Solitary	D ^o — Solitaria Male
3 —	— — Female
4 Vigors	D ^o — Vigorsii
5 Pine Swamp	D ^o — Sphaenopsis
6 Yellow Breasted	D ^o — Polioptila
7 Red Eyed	D ^o — Olinacea
8 White Eyed	D ^o — Lophoceros
9 Warbling	D ^o — Melospiza
10 —	D ^o — —

10. Mount Leont. Magnolia II. Vireo Leont. 12. Umbellifera Magnolia IX. Saur. Olive
11. Pinnatifida

Engraved by R. Scott.

SYLVIA
WARBLERS.

1 Golden Crowned W. <i>Auricapilla</i> .	6 Bay breasted W. <i>Castanea</i> .
2 Black Throated Green W. <i>Arvens</i> .	7 Mourning W. <i>Philadelphica</i> .
3 Yellow-rumped W. <i>Coronata</i> .	8 Chesnut sided W. <i>Pensylvanica</i> .
4 Black & Yellow W. <i>Magnolia</i> .	9 Ccerulean W. <i>icecuted</i> .
5 Blackburnian W. <i>Blackburnia</i> .	10 Yellow Red Pole W. <i>petachia</i> .
11 Papilio Vanessa. 12 <i>Lycus terminalis</i> .	
13 Small Chesnut Oak. 14 Over Cup Oak. 15 Yellow Oak. 16 Line Oak. 17 Bears Oak.	

SYLVIA.
WARBLERS.

1. Tennessee	W. S. <i>torquatus</i>	8. Orange Crowned	W. <i>colata</i>
2. Maryland Yellow Throat, Male	<i> Marylandia</i>	9. Cape May, Male	<i>maritima</i>
3. D ^o	Female	10. D ^o Female	
4. Blue Mountain	<i>torina</i>	11. Black Poll, Male	<i>striata</i>
5. Hemlock	<i>pinus</i>	12. D ^o Female	
6. Blue Green	<i>raro</i>	13. Pine Creeping	<i>pinus</i>
7. Palm	<i>palmarum</i>		
14. Pelicinus Polycorator		15. Common Cane Vine	
17. Mocker Nut Hickory		16. Nutmeg Hickory Nut	
		18. Wild Orange	

SYLVIA,
WARBLERS

1 Parula	Warbler	S. Munda
2 Blue Winged Yellow	19	— Solitaria
3 Black Throated Blue	19	— Canadensis
4 Golden Winged	19	— Chrysocoma Male
5	19	— — Female
6 Blue Eyed Yellow	19	— Citreola
7 Kentucky	19	— Fennosa
8 Canada	19	— Parulina
9 Protonotary	19	— Protonotaria
10 Baltimore	19	— Baltimore
11 Black and White	19	— Black and White
12 Yellow Throat	19	— Pterocarya
13 Connecticut	19	— Apollis
14 Blue Yellow Back	19	— Parula

15 American Arbutus 16 Red Cedar 17 Georgia Dock 18 American Large Asplen 19 Carolina Ash 20 White Elm 21 American Asplen

SYLVIA.
WARBLERS.

1. Nashville Warbler. *S. Rafinesquina*.
2. Worm-eating D^o. — *Vermivora*.
3. Chickadee D^o. — *Chloris*.
4. D^o. — *D.* Female.
5. Yellow-rump D^o. — *Coronata*.
6. Small-headed D^o. — *Alauda*.
7. Black & Yellow D^o. — *Myiophila*.
8. Spanish Coffee-tree. — *Young Male*.

TROGLODYTES.
WRENS.

- 1 Winter Wren *T. hyemalis*
 2 Marsh " *T. palustris*
 3 House " *T. aedon*
 4 Great Carolina " *T. carolinensis*
 5 Bewick's " *T. bewickii*
 6 Bittern " *T. b. b. b.*

SIALIA. BLUE-BIRDS.

1 Arctic Blue Bird. *S. arctica*

2 Common. *S. sialis*

ANTHUS. TITLARKS.

3 Brown Titlark. *A. ludovicianus* Male

4 *A. sp.* Female

5 Prairie. *A. sp.*

ALAUDA. LARKS.

6 Shore Lark. *A. alpina*

7 American Lark

G. Aud. del. J. V. Leach sc.

PARTS
TITMICE
1 Black Cap Titmouse *T. atricapillus*
2 Crested do *Parus*
3 Large Eared Magnolia 4 *Celastrus*

S. M. 1840

EMBERIZA.
BUNTINGS.

1. Arctic Ground Bunting	E. Arctica	Male.
2. Do	Do	Female.
3. Painted	Do	Do.
4. Lapland Long-spurred Do	Lapponica	M.
5. Do	Do	F.
6. Snow	Do	Winter.
7. Do	Do	Spring.
8. Henslow's	Do	Do.
9. Downy	Do	Do.
10. White Back.	Do	Do.

TANAGERS.

1. Summer Red Bird. Male. *T. aestiva*. Male.
2. " Female. "*do* Female.
3. Scarlet Tanager. Male. *Hadra*. Male.
4. " Female. "*do* Female.
5. Louisiana Tanager. *Columbianus*.
6. Blackberry. 7. Shining Willow.
8. Dogwood. 9. Ironwood.

LOXIA.

CROSSBILLS.

1. American Crossbill.	2. Carolinian, Young Male.
3. White-winged D.	4. White-winged D.
5. White-winged D.	6. Red Pine.
7. Yellow Pine.	8. Loblolly Pine.
9. White Pine.	10. White Spruce.

FRINGILLA.
FINCHES.

1. Lazuli Finch.	<i>F. linaria.</i>	5. Indigo Finch.	Male.	<i>F. cyanus.</i>
2. American Goldfinch.	Male.	6. D ^o .	Female.	
3. D ^o .	Female.	7. Evening D ^o .		<i>Tesprotina.</i>
4. Arkensaw Finch.	<i>Grammaca.</i>	8. Rosebreasted D ^o .	Male.	<i>Dukeriana.</i>
		9. D ^o .	Female.	

10. European Birch.
11. American Nettle Tree.
12. Butler Nut.
13. Black Willow.
14. Red Flowering Maple.

FRINGILLA.
FINCHES.

1. White Crowned Bunting.	<i>F. leucophaea.</i>
2. Bay Winged.	<i>Grammaea.</i>
3. Swamp Sparrow.	<i>Palustris.</i>
4. Savannah D ^o Mde.	<i>Savanna.</i>
5. D ^o Female.	
6. Field D ^o .	<i>Pusilla.</i>
7. Tree D ^o .	<i>Arborea.</i>
8. Chipping D ^o .	<i>Sociata.</i>
9. Yellow Winged D ^o .	<i>Passerina.</i>
10. Fox-coloured D ^o .	<i>Ferruginea.</i>
11. Lark Finch.	<i>Grammaea.</i>
12. Mossy Cap oak.	
13. Post D ^o H. White D ^o .	
14. Black Birch.	
16. Rose Flowering Locust.	

FRINGILLA.
FINCHES.

1. Painted Bunting	♂. Citta Male
2. — " —	♀. Citta Female
3. Sharp-Tailed Finch	— Caudacanth
4. Towhee Bunting	— Euphonia Male
5. — " —	♀. — Female
6. Lesser Redpoll	— Linaria
7. Snow Bird	— Hudsonia

8. White Cedar 9. Box Elder 10. Bartram Oak 11. Black Sugar-Maple 12. Moose Wood

And. Wilson. Sc. Eng.

FRINGILLA.
FINCHES.

1. White-throated "sparrow."	<i>F. Albi-collis</i> Male.
2. — " — "	— " — Female.
3. Song Sparrow.	<i>Melospiza</i> M.
4. — " — "	— " — P.
5. Gray-crowned Linnet.	<i>Troglodytes</i> .
6. Sea-side Finch.	<i>Merula</i> M.
7. Pine Finch.	<i>Pinus</i> .

8. *Certhia Pallida*. 9. *Parus*. 10. *Red Lin.* 11. *European Elm*. 12. *Norway Maple*.

FRINGILLA,
FINCHES

- 1 Cardinal Finch — *F. Cardinalis*, Male
 2 — " — *Id.* — Female
 3 Purple Finch — *Parus* — Male
 4 — " — *Id.* — Young Male
 5 — " — *Id.* — Female
 6 Blue Finch — *Cerules*
 7 Black Throated Finch — *Americana*
 8 Storm Spruce — 9 New Jersey Pine 10 Hemlock Spruce
 11 Red Ash 12 Red Mulberry

1 PSITTICUS Carolinensis. Carolina Parrot
 2 COCCYZUS Americanus. Yellow-billed Cuckoo
 3 ERYTHROPHALMUS Black-billed do.
 4. Papilio Philenor. 5. Lophyrus Sericea. 6. L. Dorsata. 7. Roll Beech.

J. & J. Johnson, Sc.

PICUS.
 WOODPECKERS.
 1. Ivory-billed Woodpecker *P. Principalis* Male
 2. " " " " Female
 3. Three-toed " " *Tridactylus*

PICUS.
WOODPECKERS
1. Pileated Woodpecker P. pileatus Male
2. " " " " Female
3. Arctic Three-toed D. Arcticus
4. Red-headed " " Sphyrapicus varius

PICUS.
WOODPECKERS.

1 Lewis's W. <i>Torquatus.</i>	4 Red Bellied W. <i>Carolinensis.</i>
2 Red Headed W. <i>Erythrocephalus.</i>	5 Downy W. <i>Pubescens.</i>
3 Hairy W. — — — <i>Villosus.</i>	6 Yellow Bellied W. <i>Varius.</i>

1. Pierce's Mappe. 2. Scott's Octo-manulata. 3. Laphria Fabriciana. 4. Symplicia. 5. Andrena. 6. Dryas. 7. D. Brown. 8. D. Brown.

PICUS.

WOODPECKERS.

1 Red Cockaded Woodpecker.	<i>P. Quercus</i> .	7 Rock Chestnut Oak.
2 Northern Three-toed D.	<i>Tridactylus</i> .	8 Spanish Oak.
3 Yellow Bellied D.	Young <i>Tarus</i> .	9 Thick Shell Bark Hickory.
4 D.	D.	10 Placer Tree.
5 Red Headed D.	D.	<i>Erythrocephalus</i> .
6 Gold Winged D.	D.	<i>Auratus</i> .

SITTA,
NUTHATCH.
1 White Breasted Black Capped. *S. carolinensis.*
2 Red Bellied Black Capped. *S. varia.*
3 Brown Headed. *S. pusilla.*
4 Over Cup White Oak. 5 Scarlet Oak.

CERTELLA,
CRESTED.

- 1 Brown Creeper — *C. kuhlii*.
2 Black & White Fly — *Micropodops*.
3 Large Flowered *Magnolia*.

TROCHILUS,
HUMMING BIRDS

1	Southwestern Hummingbird	<i>T. calceatus</i>	Male
2	—	—	Female
3	—	—	Young
4	Rufous Necked	<i>T. rufus</i>	Male
5	—	—	Young Male
6	—	—	Female
7	—	—	Young Female
8	Mountain Laurel	—	—

ALCEDO,
KINGFISHERS.
1 Belted Kingfisher. — *Alcedo* Male
2 — " — — *Alcedo* Female
3 Black Walnut. — Mountain Maple —

CYPSELUS, SWALLOW.

1. Chimney Swallow. *C. pelagicus*

HIRUNDO, MARTINS.

2. Purple Martin. Male. *H. purpurea*. 6. White Bellied Swallow. *Bicolor*
 3. D^r Female. 7. Bank Swallow. *Riparia*.
 4. Barn Swallow. Male. *Hirundo*. 8. Cliff Swallow. *Fulva*.
 5. D^r Female.
 9. Montepa Brunnesc. 10. *Agelaius Exilis*. Male. 11. D^r Female.
 12. Olive Tree. 13. Saxatilis.

CAPRIMULGUS.
NIGHT-HAWKS.

1. Night Hawk. *C. virginianus*, Male.
2. " *do* Female.
3. Whip Poor Will. *Caprimulgus*, Male.
4. " *do* Female.
5. Chuck Will's Widow. *Carolinensis*.
6. *Pagania lucasensis*, Male. 7. *do* Female.
8. *Ichneumon Centrales*. 9. White Maple.
10. Water Oak.

COLUMBA,
PIGEONS.

1. Passenger P. *Myristicivora*.
2. Band-tailed P. *Jacunda*.
3. Zenaida Dove. *Zenaida*.
4. *Cryptocerythus* *ornatus*. 5. *C. rivulatus*.
6. *Smerodius* *goniatus*. 7. Cotton Wood.

COLUMBA
PIGEONS

1. Carolina Turtle dove	C. Carolinensis
2. White Crowned Pigeons	C. Leucocephalus
3. Ground Dove	C. Passerina male
4. Ground Dove	female

5. *Leptis ornata* 6. *Syrphus checarus* 7. Water-Bitter nut Hickory 8. Shell-bark Hickory

Engraved by E. N. ...

Inhabits North America, U. States.

WILD TURKEY. *Meleagris Gallopavo*. 1. Male. 2. Female. 3. Young.
4. Domestic Fowl.

Int. Johnson & Co.

MELEAGRIS OCELLATA.
HONDURAS TURKEY.

Engd by W. Davis.

PERDIX.
PARTRIDGE.

1. Virginian Partridge Male. P. Virginiana.
2. " female.

Engraved by W. L. Lewis

OREORTYX.
QUAILS.
1 Long-tailed Quail. *O. scotophilus*
2 Montserrat Quail. *O. montserratensis*

S. Wilson Sculp.

Inhabit California.

ORTYX
QUAILS.

1. Douglas's Quail.	4. Douglas's
2. California Quail.	5. California, Male.
3. " " "	6. " " Female.

Engraved by W. B. Davis.

Drawn by Captain Bennett.

ORTYX.
QUAILS.

1. Humpbacked Quail. — *O. cupistrata*.
2. Wilson's. — *O. montanus*.

Inhabit California.

Drawn by Captain Brown.

S. Allen Sculp

Drawn by Cap^l Brown.

OREIX PICTA.
PAINTED QUAIL.
1 Male, 2 Female.

Inhabits California.

Wth Warwick Sc.

TETRAO.
GROUSE.

1. Ruffed G. *Umbellus* Male.
 2. Sharp-Tailed G. *Phasianellus* female.
 3. *Eupithecia argyrea* + *Xylea ilicivora*.
 4. Stone Pine.

Adelphi State of New York.

PINNATED GROUSE. *Tetrao cupido*. 1 Male. 2 Female
3 Black Gum

Art. Schuchert & Co.

Male drawn by Cap. Brown
Female — by A. R. S. J.

TETRAO OBSCURUS.
DUSKY GROUSE.
♂ Male. ♀ Female. Inhabits North America.
3 Papilio Philenor.

Engraved by H. Scott.

TETRAO, GROUSE.

1 Spotted Grouse Male. 2 Canadian. 3 D^o female.
 4 Monticola Brannia female. 5 D^o Interrupto. 6 American Chestnut. 7 White Birch.

GRUSE.
1. Rocky Mountain Spotted Grouse. 2. Bonaparte's Grouse.
♂. 1. ♀. 2. Male. Female.

By J. H. Wilson

Male, 2 Female. *An Inhabitant of the Rocky Mountains*
3 Camphor Tree. 4 Fagolia Galanthus.

TETRAO UROPHASIANUS. COCK OF THE PLAINS.
1. Male. 2. Female.

LAGOPUS.
GROUSE.
1. White-tailed Grouse. *L. leucurus.*
2. Rock Grouse. *L. rupestris.*

Engraved by W.B. Lewis

Drawn by Capt. Brown.

LAPPEL'S MITE.
P. TARMIGAN.
1. Male. Winter Plumage.
2. Female. Summer Dr.

Inhabits Winter Island.

Engd. by S. Mitr.

HIMANTOPUS NIGRICOLLIS.
BLACK-NECKED HIMANTOPUS.

LXXXV.

HEMATOPUS OSTRALEGUS.
PIED OYSTER-CATCHER.

S. Mearns Sculp.

CHARADRIUS
PLOVERS.

1 Wilson Plover	C. Wilsoni
2 Ring DP	Semipalmatus
3 Kidder DP	Forsteri
4 Semipal DP	Wilsoni Spring
5 Virginia DP	Longicauda

CHARADRIUS dominicus.
Black-bellied Plover

STREPSILAS INTERPRES.
TURNSTONE.

GRUS.
CRANES.
1. Whooping Crane. *G. Americana*.
2. Brown Crane. *G. Canadensis*.

BOTAURUS.
 BITTERN.
 1. American Bittern. *B. minor*.
 2. Least " *B. exilis*.

James Mayson sculp.

PHENICOPTERUS RUBER.
RED FLAMINGO.

RECURVIROSTRA AMERICANA.
AMERICAN AVOCET.

Samuel Milne Sculp.

PLATALEA AJAJA.
ROSEATE SPOONBILL.

S. Milne sculpt

TANTALUS LOCULATOR.
WOOD IBIS.
Cabbage Tree — .

Wm. Warwick Sculp.

IBIS.
 1. Scarlet ibis
 2. D^o
 3. D^o
 4. White D^o

Rubra Adult
 Second year
 First D^o
 Alba

STERNUS.
CURLEWS.

Long-billed Curlew. *N. Longirostris.*
Hudsonian D°. *N. Hudsonius.*
European D°. *N. Borcalis.*

S. Mearns Sculp.

TRENGA
SANDPIPERS
 1. Ash-coloured Sandpiper. *T. cinerea*
 2. Redbreasted " *T. rubra*
 3. Purple " *T. maritima*
 4. Douglas's " *T. douglasii*
 5. Diminutive " *T. pusilla*
 6. Semipalmated " *T. semipalmata*
 7. Red-backed " *T. alpina* Winter
 8. " " " " Summer
 9. Pigmy " *T. minuta*

CALIDRIS ARENARIA.
SANDERLING.
1. Summer Plumage.
2. Winter D^o

S. Allen Sc.

TITANUS.
TATTLERS.

1 Solitary Tattler.	<i>T. chloropygus.</i>
2 Yellow-shank D ^o .	<i>Flavipes.</i>
3 Telfair D ^o .	<i>Melanoleucus.</i>
4 Scampaluated D ^o .	<i>Scampaluatedus Sum.</i>
5 D ^o .	<i>D^o Wm.</i>
6 Bartram's D ^o .	<i>Bartramius.</i>
7 Red-shank D ^o .	<i>Calidris.</i>
8 Spotted D ^o .	<i>Macularius.</i>
9 White D ^o .	<i>Candidus.</i>

LIMOSA
GODWITS
1. Great Mottled Godwit L. Falc. Male
2. Do. Female
3. Hudsonian Do. Hudsonian
4. White Do. Alia

E. Mitchell Sculp

SCOLOPAX.
 1. Red-breasted Scaup. *Scolopax erythrorhynchos*.
 2. Wilson's Scaup. *Scolopax bairdii*.
 3. American Woodcock. *Scolopax minor*.

CIII.

RALLUS.
RAILS.

1. Clapper Rail... *R. crepitans*...
2. Virginian D°... *V. virginianus*...
3. Yellowthroated D°... *A. carolinensis*...
4. Carolina D°... *C. carolinus*...

S. Mearns Sculp.

FULICA Americana
Cinereous Coot

GALLINULA Martinica
Martinico Gallinule.

PHALAROPUS.
PHALAROPUS.
1. Flat-billed Phalarope. *P. lobatus*.
2. Wilson's " *P. lobatus*.
3. " *P. lobatus*.
4. Hyperborean " *P. lobatus*.
5. " *P. lobatus*.

PODICEPS.
GREBES.

1. Crested Grebe. *P. Cristatus*. —
 2. Horned D^g. — *Cornutus*. —
 3. Red-necked D^g. — *Rubricollis*. —

Engraved by James Turvey.

RYNCHOPS NIGRA.
BLACK SKIMMER.

J. Mayson Sc.

TERNES

1. Lesser Tern. S. Minus	6. Marsh Tern. S. arvensis
2. Sooty Tern. S. fuliginosa	7. Great Tern. S. maxima
3. Black Tern. S. melanocephala	8. Arctic Tern. S. arctica
4. do. S. nivalis	
5. do. S. alba	

LARUS.
GULLS.

1. Fork-tailed Gull.	L. Sabini
2. Crested-tailed D ^o	— Rossi
3. Bonapartian D ^o	— Bonaparte
4. Franklin's Booby D ^o	— Franklinii
5. Laughing D ^o	— Macrurus
6. Little D ^o	— Minutus
7. D ^o	— Young
8. Mew D ^o	— Larus
9. Burgomaster	— Glaucopterus

Engraved by R. Scott Wain

THALASIDROMA.
PETRELS.
1. Wilson's Petrel. *T. Wilsoni*.
2. Fork-tailed Dr. *Bullockii*.

LESTRIS.
SKUAS.
1. Arctic Skua. *L. Parasiticus*.
2. Pomarine Dr. *Pomarinus*.
3. Richardson's Dr. *Richardsoni*.
4. Common Dr. *Cataractes*.

W. M. Gregor. Sc.

ANAS
 DUCKS.
 1. Mallard — *A. boschas.*
 2. — — *—*
 3. Shoveller — *Clayton's M.*
 4. Pintail — *—*
 5. Dusky — *obscura.*
 6. Blue-winged — *obscura.*
 7. Green-winged — *—*

SOMATERIA.
EDDES.
 3. Ring Eider. 5. Spectabilis. M.
 4. D^e. — D^e. — Tem.
 5. Common D^e. — Mollesima. M.
 6. D^e. — D^e. — Tem.

CHAULIODUS STREPERA.
 7. Common Cudwall. M.

DENDRONESSA SPONSA.
 2. Summer Wood-duck.

MARECA AMERICANA.
 1. American Widgeon.

W. Davis Sc.

OIDEMIA.
SCOTERS.
1 Velvet Scoter. *O. fusca*.
2 American Do. *— americana*.
3 Surf Do. *— perspicillata*.

S. Wilson Sculp.

CLANGULA.
GARROTS.
1 Rocky mountain Garrot. C. Garrot.
2 Harlequin D. — Harlequin.
3 Bull-headed D. — Harlequin.
4 D. — D. —
5 Golden eye D. — Golden eye.
6 D. — D. —
7 Long tailed Harle. H. Harlequin. Y. —
8 D. — D. — D. —

MERGANSERS.
1. Hooded Merganser. *M. cucullatus*.
2. Red-breasted D^o. *Serrator*.
3. Goosander Male. *Merganser*.
4. D^o Female. *D^o*.
5. Snew. *Abaltes*.

S. Alder Sculp.

1. Canada Goose *A. Canadensis*
 2. Snow Goose *D. hyperboreus*
 3. Brant *D. americana*
 4. Brent *D. bernicla*

A. Wilson Sc.

CYGNUS BEWICKII.
BEWICK'S SWAN.

PELECANUS.
PELICANS.
1. Brown Pelican. *P. fuscus*.
2. White Do. — *Onocrotalus*.

J. Mayson del.

PLOTUS.
DARTERS.
1. Black-chinned Darter. *P. albigularis* Muls.
2. Spotted Darter. *P. punctatus* Tem.

COLYMBUS.
DIVERS.
1 Great Northern Diver. *G. glacialis*.
2 Red-throated Do. *G. septentrionalis*.
3 Black-throated Do. *G. arctica*.

S. Albee Sculp.

ULLA.
 GUILLEMOTS.
 1. Black Guillemot. *U. grylle*. Summer.
 2. Do. — Do. Winter.
 3. Puffin. Do. — *Foetia*. S. —
 4. Do. — Do. — W. —
 5. Little. Do. — *Ula*. S. —
 6. Do. — Do. — W. —

W. Duerst. Sculp.

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