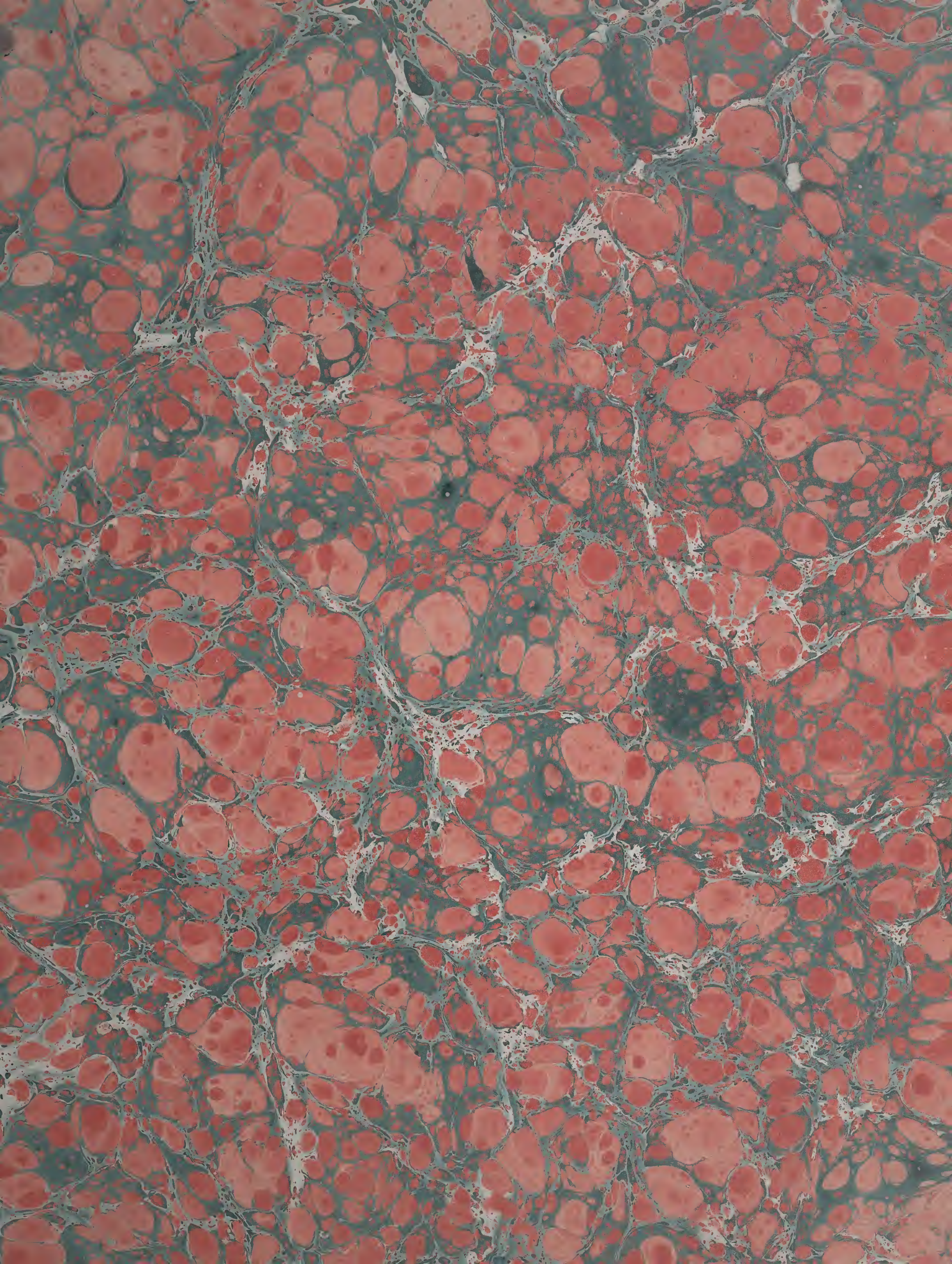




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Illustrations
OF THE
AMERICAN ORNITHOLOGY

of
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

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Earl of Sirlie

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>Sarcorampus</i> . <i>Vulturæ</i> . Vigors.			
* 1. Californian Vulture,	<i>S. Californianus</i> , Plate I. fig.		
GENUS II. <i>Cathartes</i> . <i>Vulturæ</i> . Illiger.			
† 1. Turkey Vulture,	<i>C. aura</i> , II.		
† 2. Black ditto,	<i>atratus</i> , III.		
GENUS III. <i>Aquila</i> . <i>Eagles</i> . Cuvier.			
* 1. Golden Eagle,	<i>A. Chrysaetos</i> , adult male, IV. 1		
	<i>ditto</i> , young, V. 1		
2. White-headed ditto,	<i>leucocephala</i> , VI. 1		
	<i>ditto</i> , V. 2		
† 3. Osprey,	<i>haliaeata</i> , IV. 2		
GENUS IV. <i>Falco</i> . <i>Falcons</i> . Linnæus.			
* 1. Peregrine Falcon,	<i>F. peregrinus</i> , adult male, VII. 1		
	<i>ditto</i> , female, XI. 1		
* 2. Jerfalcon,	<i>Islandicus</i> , VII. 3		
† 3. American Sparrow Hawk,	<i>Sparverius</i> , male, XI. 2		
	<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>Goshawks</i> . Bechstein.			
1. Goshawk,	<i>A. palumbarius</i> , XII. 2		
2. Slate-coloured Hawk,	<i>Pennsylvanicus</i> , male, IX. 1		
	<i>ditto</i> , young female, VIII. 3		
* 3. Stanley's ditto,	<i>Stanlii</i> , VII. 4		
GENUS VII. <i>Buteo</i> . <i>Buzzards</i> . Ray.			
* 1. Common Buzzard,	<i>B. vulgaris</i> , XIII. 1		
	<i>ditto</i> , XII. 4		
	<i>ditto</i> , young, 3		
3. Rough-legged ditto,	<i>lagopus</i> , VIII. 1		
4. American Hen-harrier,	<i>Cyanus</i> , X. 2		
	<i>ditto</i> , young, V. 3		
5. Black Hawk,	<i>niger</i> , IX. 3		
	<i>ditto</i> , young, IX. 4		
6. Red-shouldered ditto,	<i>lineatus</i> , IX. 2		
GENUS VIII. <i>Elanus</i> . <i>Swift Hawks</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>Owls</i> . Linnæus.			
* 1. Snowy Owl,	<i>S. Nyctea</i> , male, XIV. 1		
	<i>ditto</i> , female, 2		
† 2. Great Cinereous ditto,	<i>cinerea</i> , XV. 1		
* 3. Tengmalm's ditto,	<i>Tengmalni</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>otus</i> , 2		
12. Mottled ditto,	<i>nevada</i> , male, 3		
	<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>Bullochi</i> , 2		
4. Steller's ditto,	<i>Stelleri</i> , XXI. 1		
5. Blue ditto,	<i>crispinosa</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		
	<i>ditto</i> , variety, 2		
* 2. Bohemian Wax-wing,	<i>garrula</i> , 3		
GENUS XIII. <i>Yeplantes</i> . <i>Baltimore</i> s. Vieillot.			
1. Orchard Baltimore,	<i>Y. spurius</i> , adult male, XXIII. 1		
	<i>ditto</i> , 2d year, 2		
	<i>ditto</i> , 1st year, 3		
	<i>ditto</i> , female, 4		
2. Catesby's ditto,	<i>Baltimoreus</i> , male, 5		
	<i>ditto</i> , female, 6		
GENUS XIV. <i>Icterus</i> . <i>Troopials</i> . Temminck.			
1. Yellow-headed Troopial,	<i>I. icterocephalus</i> , male, XXIV. 1		
	<i>ditto</i> , female, 2		
2. Red-winged ditto,	<i>Phœniceus</i> , male, 3		
	<i>ditto</i> , young, 4		
3. Cow ditto,	<i>pecoris</i> , male, 5		
	<i>ditto</i> , female, 6		
	<i>ditto</i> , young, 7		
4. Rice ditto,	<i>agripennis</i> , 8		
	<i>ditto</i> , female, 9		
GENUS XV. <i>Quiscalus</i> . <i>Grakles</i> . Vieillot.			
1. Great Crow Grakle,	<i>Q. Major</i> , male, XXV. 1		
	<i>ditto</i> , female, 2		
2. Rusty,	<i>ferrugineus</i> , XXVI. 1		
3. Purple,	<i>versicolor</i> , 2		
	<i>ditto</i> , female, 3		
GENUS XVI. <i>Sturnella</i> . <i>Meadow-Larks</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		
	<i>solitaria</i> , 2		
2. Hermit ditto,	<i>lvida</i> , 3		
3. Cat Bird,	<i>Polyglotta</i> , male, 4		
4. Mocking Bird,	<i>nigratoria</i> , 5		
5. Robin,	<i>meloda</i> , 6		
6. Wood ditto,	<i>nustilina</i> , 7		
7. Tawny ditto,	<i>minor</i> , XXIX. 1		
* 8. Little Tawny ditto,	<i>Richardsonii</i> , 2		
* 9. Richardson's ditto,	<i>auropilla</i> , 3		
10. Golden-crowned ditto,	<i>aquatica</i> , 4		
11. Water ditto,	<i>Ludoviciana</i> , 5		
* 12. Audubon's,			
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		
	<i>crinita</i> , 2		
* 2. Great-crested ditto,	<i>Richardsonii</i> , 3		
* 3. Richardson's ditto,	<i>Borealis</i> , female, 4		
* 4. Northern ditto,	<i>Saya</i> , male, 5		
* 5. Say's 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. Arkensaw,	<i>verticalis</i> , 4		
10. Pe-wit,	<i>nunciola</i> , 5		
* 11. Traill's,	<i>Trailli</i> , 15		
SUB-GENUS. <i>Mitulus</i> . Swainson.			
12. Fork-tailed,	<i>Savanna</i> , 1		
13. Swallow-tailed,	<i>fortifera</i> , 6		
GENUS XXII. <i>Setophaga</i> . <i>Gnat-catchers</i> . Swainson.			
1. Hooded Gnat-catcher,	<i>S. mitrata</i> , XXXIV. 1		
2. Green Black-capt,	<i>pusilla</i> , 2		
3. Yellow-tailed,	<i>ruvicilla</i> , male, 3		
	<i>ditto</i> , female, 4		
	<i>ditto</i> , young, 5		
* 4. Selby's,	<i>Selbyi</i> , 6		
* 5. Bonaparte's,	<i>Bonapartii</i> , 7		
6. Small Blue-gray,	<i>cærulea</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		
	<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>Novboracensis</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		
	<i>ditto</i> , winter, XXXIX. 5		
	<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. Cærulean,	<i>cærulea</i> , male, 9		
	<i>ditto</i> , female, 10		
11. Tennessee,	<i>peregrina</i> , XXXVII. 1		
12. Maryland Yellow Throat,	<i>Marylandia</i> , male, 2		
	<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>rara</i> , 6		
17. Orange-crowned,	<i>celata</i> , 8		
18. Cape May,	<i>Maritima</i> , male, 9		
	<i>ditto</i> , female, 10		
19. Blackpole,	<i>striata</i> , male, 11		
	<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		
	<i>ditto</i> , female, 5		
25. Blue-eyed Yellow,	<i>citricollis</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>parlatina</i> , 8		
31. Prothonotary,	<i>prothonotarius</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>verviora</i> , 2		
* 36. Children's,	<i>Childreni</i> , male, 3		
* 37. Ditto,	<i>ditto</i> , female, 4		
† 38. Small headed,	<i>minuta</i> , 5		
* 39. Carbonated,	<i>carbonata</i> , adult male, XL. 4		
	<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>Bachmani</i> , 1		
	<i>ditto</i> , young, 2		
GENUS XXV. <i>Regulus</i> . <i>Kinglets</i> . Cuvier.			
1. American Kinglet,	<i>R. Americanus</i> , male, XLI. 1		
	<i>ditto</i> , female, 2		
* 2. Ruby-crowned,	<i>calendulus</i> , male, 3		
	<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>ædon</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		
	<i>ditto</i> , female, 4		
* 2. Prairie,	<i>pipiens</i> , 5		
GENUS XXIX. <i>Atalapha</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		
	<i>ditto</i> , female, 5		
* 3. Snow,	<i>nivalis</i> , summer, 6		
	<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		
	<i>ditto</i> , female, 2		
2. Scarlet Tanager,	<i>rubra</i> , male, 3		
	<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		
	<i>ditto</i> , female, 2		
* 2. White-winged ditto,	<i>leucoptera</i> , male, 3		
	<i>ditto</i> , young male, 4		
	<i>ditto</i> , female, 5		

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GENUS XXXIV. Pyrrhula. Bullfinches. Brisson. 1. Pine Bullfinch, P. Enucleator, male, XLVIII. 1

GENUS XXXV. Fringilla. Finches. Illiger. 1. Lazuli Finch, F. amena, XLIX. 1

GENUS XXXVI. Coccyzus. Cuckoos. Vieillot. 1. Yellow-bellied Cuckoo, C. Americana, LIV. 2

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

GENUS XXXIX. Sitta. Nuthatches. Linnæus. 1. White-breasted, black-capped Nuthatch, S. Carolinensis, LIX. 1

GENUS XL. Certhia. Creepers. Linnæus. 1. Brown Creeper, C. familiaris, maculata, LX. 1

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GENUS XLII. Alcedo. Kingfishers. Linnæus. 1. Belted Kingfisher, A. alcyon, male, LXII. 1

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

GENUS XLV. Caprimulgus. Nighthawks. Linnæus. 1. Virginian Nighthawk, C. Virginianus, male, LXIV. 1

GENUS XLVI. Columba. Pigeons. Linnæus. 1. Passenger Pigeon, C. migratoria, LXV. 1

GENUS XLVII. Meleagris. Turkeys. Linnæus. 1. Wild Turkey, M. Gallopavo, male, LXVII. 1

GENUS XLVIII. Ortyx. Quails. Stephens. 1. Virginian Partridge or Quail, O. Virginiana, male, LXIX. 1

GENUS XLIX. Tetrao. Grouse. Linnæus. 1. Ruffed Grouse, T. Umbellus, male, LXXIV. 1

GENUS L. Lagopus. Ptarmigan. Ray. 1. Willow Ptarmigan, L. Saliceti, male, spring, LXXXI. 1

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GENUS LX. Egretta. Egrets. Jardine. 1. Great Egret, E. leucæ, XCII. 1

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

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

GENUS LXIV. Tantalus. Ibis. Linnæus. 1. Wood Ibis, T. localator, XCV. 1

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GENUS LXVII. Tringa. Sandpipers. Brisson. 1. Ash-coloured Sandpiper, T. cinerea, XCVIII. 1

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GENUS LXX. Limosa. Godwits. Brisson. 1. Great marbled Godwit, L. fedoa, male, CI. 1

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GENUS LXXIV. Fulica. Coots. Linnæus. 1. Cinnamon Coot, F. Americana, CIV. 1

GENUS LXXV. Phalaropus. Phalaropes. Brisson. 1. Flat-billed Phalarope, P. fulicarius, CV. 1

GENUS LXXVI. Podiceps. Grebes. Latham. 1. Crested Grebe, P. cristatus, CVI. 1

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

GENUS LXXVIII. Sterna. Terns. Linnæus. 1. Lesser Tern, S. minuta, CVIII. 1

GENUS LXXIX. Larus. Gulls. Linnæus. 1. Fork-tailed Gull, L. Sabini, CIX. 1

GENUS LXXX. Lestrus. Shuas. Illiger. 1. Arctic Shua, L. parasiticus, CXI. 3

GENUS LXXXI. Thalassidroma. Petrels. Bonaparte. 1. Wilson's Petrel, T. Wilsonii, Bullockii, CXI. 2

GENUS LXXXII. Anas. Ducks. Linnæus. 1. Mallard, A. boschas, male, CXII. 1

GENUS LXXXIII. Merca. 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

SYSTEMATIC INDEX.

GENUS LXXXVI. *Oidemia*. *Scoters*. 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. *Fuligula*. *Pochards*. 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>Labradoria</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. *Clangula*. *Garrots*. 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. *Harelda*. *Harelds*. Leach.

† 1. Long-tailed Hareld,	<i>H. glacialis</i> ,	CXVI. 7
† Ditto,	ditto, female,	8

GENUS XC. *Mergus*. *Mergansers*. 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>abellus</i> ,	5

GENUS XCI. *Anser*. *Geese*. Bechstein.

1. Canada goose,	<i>A. Canadensis</i> ,	CXVIII. 1
2. Snow ditto,	<i>hyperboreus</i> ,	2
† Ditto,	ditto, young,	3
3. Brent ditto,	<i>Barnacla</i> ,	4
* 4. Blue-winged,	<i>Edwardsii</i> ,	CXIX. 1
* 5. Laughing,	<i>albifrons</i> ,	2

GENUS XCII. *Cygnus*. *Swans*. Meyer.

* 1. Bewick's Swan,	<i>C. Bewickii</i> ,	CXX. 1
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GENUS XCIII. *Pelecanus*. *Pelicans*. Linnæus.

* 1. Brown Pelican,	<i>P. fuscus</i> ,	CXXI. 1
* 2. White ditto,	<i>Ornocrrotalus</i> ,	2

GENUS XCIV. *Plotus*. *Darters*. Linnæus.

† 1. Black-bellied Darter,	<i>P. ankinga</i> , male,	CXXII. 1
† 2. Ditto,	ditto, female,	2

GENUS XCV. *Colymbus*. *Divers*. 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. *Uria*. *Guillemots*. 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>Olivaeformis</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 chinacpin</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>XLI. 7</i>	
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 Olivaeformis</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>Myristiceiformis</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>Glauca</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
1. Tulip Tree,	<i>Lyriodendrum Tulipifera</i> ,	XXV. 7
1. Sweet Gum,	<i>Liquidambar Styraciflua</i> ,	X. 5
1. Button Wood,	<i>Platanus Occidentalis</i> ,	XXXII. 9
1. Catalpa,	<i>Bignonia Catalpa</i> ,	XLIV. 4
1. Crab Apple,	<i>Malus Coronaria</i> ,	XIV. 3
1. June Berry,	<i>Maspilus Arborea</i> ,	XXIII. 8
1. Dwarf Rose Bay,	<i>Rhododendrum Maximum</i> ,	XXIII. 12
1. Mountain Laurel,	<i>Kalmia Latifolia</i> ,	LXI. 8

BIRCHES.

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

1. Conoe Birch,	<i>Betula Popgracia</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
2. Black Alder,	<i>Glauca</i> ,	XXIII. 10

1. Locust Tree,	<i>Robinia Pseudo-Acacia</i> ,	LXVII. 4
2. Rose Flowering Locust,	<i>Viscosa</i> ,	L. 16
1. Yellow Wood,	<i>Virgilia Lutea</i> ,	XXIX. 7
1. Sweet Locust,	<i>Gleditsia Triacanthos</i> ,	XXXV. 11
2. Water Locust,	<i>Monosperma</i> ,	XXXIV. 11

1. Sassafras,	<i>Laurus Sassafras</i> ,	LXIII. 13
2. Red Bay,	<i>Carolinensis</i> ,	XXIX. 6
3. Camphor Tree,	<i>Camphora</i> ,	LXXXIX. 3

1. American Holly,	<i>Ilex Opaca</i> ,	XXVI. 5
1. Sorel Tree,	<i>Andromeda Arborea</i> ,	XXXV. 13
1. Devil Wood,	<i>Olea Americana</i> ,	XXVI. 6
2. Olive Tree,	<i>Europaea</i> ,	LXIII. 12
1. Wild Cherry,	<i>Cerasus Virginiana</i> ,	XXXII. 10
2. Wild Orange,	<i>Caroliniana</i> ,	XXXVII. 18
3. Red Cherry,	<i>Borealis</i> ,	XXXIX. 9
1. Large Buck-eye,	<i>Pavia Lutea</i> ,	XXXIII. 13
2. Ohio Buck-eye,	<i>Ohioensis</i> ,	XXII. 4
1. Persimon,	<i>Diospyros Virginiana</i> ,	XVII. 6
1. Carolina Poplar,	<i>Populus Angulata</i> ,	XXXII. 7
2. Catton Wood,	<i>Canadensis</i> ,	LXV. 7
3. American Black Poplar,	<i>Hudsonica</i> ,	XXXIV. 14
4. Virginian Poplar,	<i>Monilifera</i> ,	LI. 15
5. Cotton Tree,	<i>Argentea</i> ,	XXXIX. 10
6. Balsam Poplar,	<i>Balsamifera</i> ,	XXXIII. 12
7. Heart-leaved Balsam Poplar,	<i>Candicans</i> ,	11
8. American Aspin,	<i>Tremuloides</i> ,	XXXVIII. 21
9. American Large Aspin,	<i>Grandidentata</i> ,	18
10. Common White or Grey Poplar,	<i>Canescens</i> ,	XXII. 5

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. 7
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
1. Sweet Leaf,	<i>Hopea Tinctoria</i> ,	XXIV. 15
1. White Ash,	<i>Fraxinus Americana</i> ,	LIII. 13
2. Red Ash,	<i>Tomentosa</i> ,	LIII. 11
3. Green Ash,	<i>Viridis</i> ,	IX. 6
4. Common European Ash,	<i>Excelsior</i> ,	XXXI. 6
5. Black Ash,	<i>Sambucifolia</i> ,	XVI. 7
6. Blue Ash,	<i>Quadrangulata</i> ,	XXXI. 7
7. Caroline Ash,	<i>Pluticarpa</i> ,	XXXVIII. 19
1. Champlain Willow,	<i>Salix Ligustrina</i> ,	XXVIII. 10
2. Shining Willow,	<i>Lucida</i> ,	XLVI. 7
3. Black Willow,	<i>Nigra</i> ,	XLIX. 13
1. White Elm,	<i>Ulmus Americana</i> ,	XXXVIII. 20
2. Wahoo,	<i>Alata</i> ,	XXXI. 8
3. Red Elm,	<i>Rubra</i> ,	LII. 10
4. Common European Elm,	<i>Campestris</i> ,	11
5. Dutch Elm,	<i>Suberosa</i> ,	XXXI. 9
1. Planer Tree,	<i>Planera Ulmifolia</i> ,	LVIII. 10
1. American Lime,	<i>Tilia Americana</i> ,	XLIII. 7
2. White Lime,	<i>Alba</i> ,	XLV. 9
3. Downy Lime,	<i>Pubescens</i> ,	XCII. 4

PINES, SPRUCES, AND LARCHES.

Two-leaved Pines. Cones Smooth.

1. Red (Norway) Pine,	<i>Pinus Rubra</i> ,	XLVII. 6
2. Stone Pine,	<i>Pinea</i> ,	LXXIV. 5
3. Grey Pine,	<i>Rapensis</i> ,	LVII. 11
4. Yellow Pine,	<i>Mitis</i> ,	XLVII. 7
5. Wild Pine, or Scotch Fir,	<i>Sylvestris</i> ,	XXXIV. 12

Cones Thorny.

6. New Jersey Pine,	<i>Inops</i> ,	LIII. 9
7. Table Mountain Pine,	<i>Pungens</i> ,	XLVIII. 6

Three-leaved. Cones Smooth, or with small Spines.

8. Long-leaved Pine,	<i>Australis</i> ,	IX. 5
9. Pond Pine,	<i>Serotina</i> ,	XLVIII. 7

Cones Thorny.

10. Pitch Pine,	<i>Rigida</i> ,	XXXIV. 12
11. Loblolly Pine,	<i>Teda</i> ,	XLVII. 8

Five-leaved Pines.

12. White Pine,	<i>Strobus</i> ,	XLVII. 9
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SPRUCES. *Leaves short, and disposed singly round the Branches*.

13. Norway Spruce,	<i>Picea</i> ,	LIII. 8
14. Black, or Double Spruce,	<i>Niger</i> ,	XLVIII. 8
15. White or Single,	<i>Alba</i> ,	XLVII. 10

Leaves Lateral.

16. Hemlock Spruce,	<i>Canadensis</i> ,	LIII. 10
17. American Silver Fir,	<i>Balsamifera</i> ,	XLVIII. 11

LARCHES.

18. American Larch,	<i>Americana</i> ,	XL. 7
19. Black Larch,	<i>Pendula</i> ,	8

CYPRESS.

1. Common Cypress,	<i>Cupressus Disticha</i> ,	XL. 9
2. White Cedar,	<i>Thoides</i> ,	LI. 8

ARBOR VITÆ.

1. American Arbor Vitæ,	<i>Thuja Occidentalis</i> ,	XXXVIII. 15
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CEDAR.

1. Red Cedar,	<i>Juniperus Virginiana</i> ,	16
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ALTHEA.

1. Wild Althea,	<i>Hibiscus Grandiflorus</i> ,	XLI. 6
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SPIDER WORT.

1. Virginian Spider Wort,	<i>Tradescantia Virginica</i> ,	XXVII. 2
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Drawn by Cap^{tn} Thos. Brown

SARCOPHAGUS CALIFORNIANUS.
CALIFORNIAN VULTURE.

Engraved by Samuel Milne.



CATHARTES AURA.
TURKEY VULTURE.

Engraved by James Heath



CATHARTES ATRATUS.
BLACK VULTURE.

James Sayer del.



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

Engraved by James Turpin.



FALCO.

EAGLES & HAWKS.

- 1 Ring-Tail Eagle. *F. fulvus*. 2 Sea Eagle. *F. ossifragus*.
 3 Marsh Hawk. *F. religiosus*. 4 Cicindella Foruosa.
 5 Stizus Grandis female. 6 Papilio Andromacha.
 7 The Sour Tupelo. 8 Sugar Maple.



E. A. C. C.
 1 White-headed Eagle *F. leuccephalus*
 2 Swallow-tailed Hawk *F. hirundinaceus*
 3 Pigeon Hawk *F. columbarius*
A. P. G. S. Audubon del.



FALCO.
FALCONS.
1. Peregrine Falcon. *F. peregrinus* Vol.
2. Merlin. *F. tinnunculus* M.
3. Goshawk. *F. accipitrinus* L.

ACCIPITER.
HAWKS.
1. Sharp-shinned Hawk. *A. striatus* L.
2. American Goshawk. *A. cooperii* G.

J. Turrey Sculp.



FALCO.
HAWKS.

- 1 Rough-legged falcon *F. Lagopus*
- 2 Broad-winged hawk *L. lutescens*
- 3 Sharp-shinned hawk *F. s. Young female.*

F. Red Oak. C. Coffee Tree.

Eng^d by W. Elliott



FALCO.
HAWKS.

- | | |
|---|-------------------|
| 1 Slate Coloured Hawk. <i>F. Prusyanicus</i> | 5 Long Headed Pnr |
| 2 Red Shouldered D ^o <i>Lineatus</i> | 6 Green Ash |
| 3 Black D ^o <i>Niger</i> | 7 Black Jack Oak |
| 4 D ^o Young . . . <i>De</i> | |



FALCO
HAWKS
 1 White Tailed H. E. Despar. 3. Coopers H. E. Cooperi
 2 Blue H. E. Cyaneus L. 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. - *Spizella monticola* Male.
 3. " " " " Female.
 4. Mississippi Kite. - *Mississippiensis* M.
 5. Laurel Oak. 6. Upland Willow Oak. 7. Cork Oak.



FALCO.
HAWKS.

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

Engraved by R. Scott.



BUTEO VULGARIS
COMMON BUZZARD.



SNOWY OWL.
STRIX NYCTEA.

♂ Male & ♀ Female - American Crab Apple.



STRIA.
D W L S.

- 1 Great Umereous Owl. S. Cuvrea
- 2 Tengnaltus D' - Tengnaltus
- 3 Dalhousie D' - Dalhousie
- 4 Dogwood. 5 Black Gum.



STRIX.
OWLS.

- | | | |
|------------------------------|------------------------|--------------------|
| 1 Hawk Owl. | <i>Strix Hudsonia.</i> | 6 Swamp White Owl. |
| 2 Barred D ^o . | <i>Nebulosa.</i> | 7 Black Ash |
| 3 Barn D ^o . | <i>Flammea.</i> | |
| 4 Little D ^o . | <i>Passerina.</i> | |
| 5 Burrowing D ^o . | <i>Corniculata.</i> | |

Engraved by R. Scott.



STRICK
OWLS

- 1 Great Horned Owl — *N. Virginiana*
- 2 Long Eared — *D. — Ohio*
- 3 Mottled — *D. — Mexico*
- 4 — *D. — Young Female*
- 5 Screech Owl — *Pennsylvanica*



STRIX.
OWLS.

- 1. Short-eared Owl — 5. *Brachyotus* —
- 2. Arctic White Horned Owl — *Arctica* —
- 3. Long-eared Owl — *Megascops* —



CORVUS.
CROWS

1. Raven. 2. Fish Crow. 3. Clerk's Crow. 4. Indian Crow. 5. Clerk's Crow. 6. Indian Crow.



GARRULUS.
JAYS.

- 1. Short-billed Jay. *G. brachyrhynchus.*
- 2. Columbian Jay. *G. bullockii.*
- 3. Magpie. *Pica pica.*



GARRULUS.
JAYS.

- | | | | | | | | |
|---|-------------|---|-----------|---|------------|---|---------------|
| 1 | Stellers J. | 6 | Steller | 3 | Florida J. | 7 | G. Floridanus |
| 2 | Blue J. | | Cristatus | 4 | Canada J. | | Canadensis |

5 *Lycia Beticulatus*. 6 *L. Sarquippornis*. 7 *L. Perlae*. 8 *Papilio Arthemis*. 9 *Small Morpho*. 10 *Yellow Birch*.



BOMBYCILLA.
 WAXWINGS.
 1. Cedar Bird. *B. cedrorum*.
 2. Bohemian Waxwing. *B. bairdii*.
 3. Olive-backed Wax. *B. olivacea*.
 4. Loblolly Bay.



YEPHANTHS.
BALTIMORES.

- | | | |
|---------------------------|------------------------------|--------------------------|
| 1 Orchard Baltimore | Adult Male <i>Y. spurius</i> | 7 Redwing Spassipus |
| 2 D ^o | D ^o 2 Years Old | 8 Lime Berry |
| 3 D ^o | D ^o 1 Year — | 9 White Birch |
| 4 D ^o | Female | 10 Black Alder |
| 5 Catesbys D ^o | Male <i>Y. Baltimore</i> | 11 Common D ^o |
| 6 D ^o | Female | 12 Dwarf Rose Bay |



UTTER'S
TROPICALS.

- | | | |
|-------------------------|---------------------------------------|-------------------------------|
| 1 Yellow Headed Troopid | Male <i>Lichterlephalus</i> | 10 Calandra Tredecim Punctata |
| 2 D ^o | Female | 11 Scela Tredecim |
| 3 Red Winged | 1 ^o Male <i>Phaniceus</i> | 12 D ^o Conhenta |
| 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 |



QUISCALUS.
GRACKLES.

1. Great Crow Grackle, Male. *Q. Major*
 2. " Female. *D.*
 3. Rusty Grackle. *Ferrugineus.*
 4. *Papilio Siccus*. 5. *P. Andromacha.*
 6. *Termea Columba*. 7. *Tidip Poplar.*



QUISCALUS
GRAKLES

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

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

E. M. Mitchell sculp.



STURNELLA, Ludoviciana
MEADOW-LARK Male
Plant Virginian Spider Wort

Painted by Samuel White



MERULA.
 THRUSHES.
 1. Ferruginous Thrush. *M. lutea.*
 2. Hermit Thrush. *- solitaria.*
 3. Cat Bird. *- lincoln.*
 4. Mocking Bird Male. *- polyglotta.*
 5. Robin. *- migratoria.*
 6. Wood Thrush. *- melodia.*
 7. Tawny Thrush. *- australis.*
 8. Plane Tree. *- thucayana.*
 9. Champlain Willow. *- hornbeum.*

Engd by W. L. G. L. L.



MERTULA
THRUSHES.

- | | |
|------------------------------------|----------------|
| 1. Little Tawny Thrush | M. Alpestris |
| 2. Richardson's " D ^o | " Richardsoni |
| 3. Golden-crowned " D ^o | " Arizonae |
| 4. Water " D ^o | " Aquatica |
| 5. Audubon's " D ^o | " Ludovicianae |
| 6. Red Bay 7. Yellow Wood | |



CINCLIS. *MYOTHEBA.*

- 1 Pallas' Dipper: *C. Pallasii.* 2 Rocky Mountain Ant catcher: *M. Obscua.*
- 3 *Dicaeus Violaceus* 6 Cucumber Tree.
- 4 D^o Splendidus. 7 Papaw.
- 5 D^o Sculptus.



**LANIUS,
SHRIKES**

- 1 Greater Northern Shrike — *L. borealis*
 - 2 American Gray Shrike — *Excubitorides*
 - 3 Great American Shrike — *Excubitor*
 - 4 Loggerhead Shrike — *Carolinensis*
- G Common European Sh. 7 Blue Ash
 8 Yellow & Patch Elm



MUSCIVORA,
FLY-CATCHER'S

1	Flycatcher	—	M. Pennsylv.
2	Great Crested	—	C. v. m.
3	Richardson's	—	Richardson's
4	Southern	—	Bonaparte's
5	Acad.	—	Acad.
6	Little Flycatcher	—	Pacific
7	Carolina	—	Carolina & Florida
8	White	—	White
9	Black	—	Black
10	Wild Cherry	—	Wild Cherry



MUSCIVORA

FLY-CATCHERS.

1. Fork-tailed Flycatcher	<i>Muscivora</i>	<i>varians</i>
2. Small Green-capped	<i>do</i>	<i>pyralis</i>
3. Wood-pewee	<i>do</i>	<i>capax</i>
4. Arkansas	<i>do</i>	<i>verticalis</i>
5. Veery	<i>do</i>	<i>maria</i>
6. Scissor-tailed	<i>do</i>	<i>scissura</i>
7. Say's	<i>do</i>	<i>sayi</i>

8. Dendro. 9. *Protonotaria*. 10. *Chondestes*. 11. *Empidonax*. 12. *Salpinctes*. 13. *Empidonax*. 14. *Empidonax*.



SETOPHAGA.
GNAT-CATCHERS.

- | | |
|--------------------------------------|----------------------------|
| 1. Hooded Gnatcatcher. | 5. Nitro. |
| 2. Green Black-capt D ^o . | 6. Pusilla. |
| 3. Yellow-tailed D ^o . | 7. Ruscella. Male. |
| 4. D ^o . | 8. D ^o . Fem. |
| 5. D ^o . | 9. D ^o . Young. |
| 6. Selby's D ^o . | 10. Selby. M. |
| 7. Bonaparte's D ^o . | 11. Bonaparte. |
| 8. Small Blue Gray D ^o . | 12. Carulea. M. |
| 9. D ^o . | 13. D ^o . Fem. |
| 10. Peris Nappa. II. Water Locust. | 14. Wild Pine. |
| | 15. Pitch Pine. |

W. Davis Sculp.



VIREO,
CHATS

- | | |
|------------------------|-------------------------------------|
| 1 Yellow Throated Chat | <i>V. flavivirens</i> |
| 2 Solitary | <i>D^o Solitaria Male</i> |
| 3 | <i>— Female</i> |
| 4 Vigors | <i>D^o Vigorsii</i> |
| 5 Pine Swamp | <i>D^o Sphaerocera</i> |
| 6 Yellow Breasted | <i>D^o Polioptila</i> |
| 7 Red Eyed | <i>D^o Olivacea</i> |
| 8 White Eyed | <i>D^o Vireosomensis</i> |
| 9 Warbling | <i>D^o Virellula</i> |

W. Leach Engr. Magnolia II. Vireo Linn. 12. Umbrella Magnolia. E. S. S. 1850.



Engraved by R.Scott.

SYLVA
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>iceutica.</i> |
| 5 Blackburnian . . . W. <i>Blackburniae.</i> | 10 Yellow Red Pole W. <i>petachiae.</i> |
- 11 Papilio Vanessa. 12 Lycus terminalis.
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>marylandica</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>torus</i> | 12. D ^o Female | |
| 6. Blue Green | <i>laro</i> | 13. Pine Creeping | <i>pinus</i> |
| 7. Palm | <i>palmarum</i> | | |
| 14. Pellicinus Polycastror. | | 15. Common Cane Vine | |
| 16. Nutmeg Hickory Nut | | 17. Mocker Nut Hickory | |
| | | 18. Wild Orange | |



SYZYLLA,
WARBLERS

- | | | |
|-----------------------|---------|-------------------------|
| 1 Prairie | Warbler | <i>S. Atala</i> |
| 2 Blue Winged Yellow | Do | <i>Solitaria</i> |
| 3 Black Throated Blue | Do | <i>Comalensis</i> |
| 4 Golden Winged | Do | <i>Chrysoparia</i> Male |
| 5 | Do | <i>Female</i> |
| 6 Blue Eyed Yellow | Do? | <i>Citrinella</i> |
| 7 Brambling | Do | <i>Eronia</i> |
| 8 Canada | Do | <i>Pardalina</i> |
| 9 Protonotary | Do | <i>Protonotaria</i> |
| 10 Baltimore | Do | <i>Abitaria</i> |
| 11 Black headed | Do | <i>Thryothorus</i> |
| 12 Yellow Throat | Do | <i>Flaviventer</i> |
| 13 Connecticut | Do | <i>Agilis</i> |
| 14 Blue Yellow Back | Do | <i>Psilla</i> |

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



SYLVII.
WARBLERS.

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

Wm. Davis Sculp.



SYLVIA.
WARBLERS.

- | | |
|------------------------------|-----------------------|
| 1. Bachman's Warbler. | 3. Bachman's Warbler. |
| 2. " " " " | 4. " " " " |
| 3. Rabbone's " " | 5. " " " " |
| 4. Carbonated " " | 6. " " " " |
| 5. " " " " | 7. " " " " |
| 6. Roscoe's Yellowthroat " " | 8. " " " " |
| 7. American Larch. | 9. Black Larch. |
| | 9. Cypress. |

S. Mitre Sc.



REGULUS.
KINGLETS.
1. American Kinglet. *R. Americanus*. M.
2. D^o D^o F^{em}.
3. Ruby-crowned D^o *Calendulus*. M.
4. D^o D^o F.
5. Cuvier's D^o *Cuvieri*. M.
6. Wild. Althea. 7. Swamp Oak.

S. Mitbe Sc.



TROGLODYTES.
 WRENS.
 1 Winter Wren *T. hyemalis*.
 2 Marsh Wren *T. palustris*.
 3 House Wren *T. t. t.*
 4 Great Carolina Wren *T. carolinensis*.
 5 Bewick's Wren *T. bewickii*.
 6 Bluetit *T. s. s.* European Warbler.



SIALIA, BLUE-BIRDS.
 1 Arctic Blue Bird. *S. arctica*
 2 Common D^o. *— Wilsoni*
ANTHUS, TITLARKS.
 3 Brown Titlark. *A. ludovicianus* Male
 4 D^o. *— — — — —* Female
 5 Pennine D^o. *— — — — —* *Pyrenaeus*
ALAUDA, LARKS.
 6 Shore Lark. *A. alpestris*
 7 American Lark.

G. Aud. del.
J. G. Leach sculp.



PARTS
TITMICE

- 1 Black Cap Titmouse *T. atricapillus*
 2 Crested do *flaviceps*
 3 Large Leaved Magnolia 4 *Celastrus*



EMBERIZA.
BUNTINGS.

1. Arctic Ground Bunting	E. Arctica	Male.
2. Do	Do	Female.
3. Painted Do	—	Picus.
4. Lapland Long-spurred Do	—	Laponica M.
5. Do	—	Do F.
6. Snow Do	—	Nivalis Summer.
7. Do	—	Do Winter.
8. Henslow's Do	—	Henslowi M.
9. Downy Lin.	10. White Back.	

S. Xline Sculp



TANAGRA.
TANAGERS.

- 1. Summer Red Bird. Male. *T. aestiva*. Male.
- 2. " " Female. *id.* Female.
- 3. Scarlet Tanager. Male. *rubra*. Male.
- 4. " " Female. *id.* Female.
- 5. Louisiana Tanager. *columbianus*.

6. Black-berry. 7. Shama Willow.
8. Tanager. 9. Iron-wood.



LOXIA.
CROSSBILL'S.

- 1. American Crossbill. 2. *C. carolinensis*, Young Male.
- 3. White-winged " 4. " Female.
- 5. " " Male.
- 6. " " Young Male.
- 7. " " Female.
- 8. Red Pine. 9. Yellow Pine. 10. Loblolly Pine.
- 11. White Pine. 12. White Spruce.



PYRRHULA,
BULLFINCHES.

- | | |
|---|------------------------|
| 1 Pine Bullfinch Male - <i>P. Emaleda</i> . | 6 Tall Mountain Pine. |
| 2 Do Young Do | 7 Pond Do |
| 3 Do Female | 8 Black Spruce Do |
| 4 Crimson Headed Male - <i>Frontalis</i> . | 9 American Silver Fir. |
| 5 Do Female | 10 Terres Sericeus. |
| | 11 Do Obsolentus. |



FRINGILLA.

FINCHES.

- | | | | | |
|-----------------------|---------------------|--------------------|---------|--------------------|
| 1. Lazuli Finch. | <i>F. Anserina.</i> | 5. Indigo Finch | Male. | <i>F. Cayana.</i> |
| 2. American Goldfinch | Male. | 6. D° | Female. | |
| 3. D° | Female. | 7. Evening D° | | <i>Tesprotina.</i> |
| 4. Arkansaw Finch. | <i>Crammura.</i> | 8. Rosebreasted D° | Male. | <i>Dukeriana.</i> |
| | | 9. D° | Female. | |

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



FRINGILLA.
FINCHES.

- | | |
|---------------------------------|-----------------------|
| 1. White Crowned Bunting. | <i>F. Leucophrys.</i> |
| 2. Bay Winged " | <i>Graminea.</i> |
| 3. Swamp Sparrow. | <i>Palustris.</i> |
| 4. Savannah D ^o Mde. | <i>Savanna.</i> |
| 5. " " " Female. | |
| 6. Field D ^o | <i>Pusilla.</i> |
| 7. Tree D ^o | <i>Arborea.</i> |
| 8. Chipping D ^o | <i>Sociabilis.</i> |
| 9. Yellow Winged D ^o | <i>Passerina.</i> |
| 10. Fox-coloured D ^o | <i>Ferruginea.</i> |
| 11. Lark Finch. | <i>Graminea.</i> |
| 12. Mossy Cap Oak | |
| 13. Post D ^o | |
| 14. White D ^o | |
| 15. Black Bird. | |
| 16. Rose Flowering Locust. | |



FRINGILLA.
FINCHES.

- 1. Painted Bunting F. *Cris* Male
- 2. " " D^o Female
- 3. Sharp-shinned Finch *Caudacata*
- 4. Lusho Bunting *Exochophthalmus* Male
- 5. " " D^o Female
- 6. Lesser Redpoll *Linaria*
- 7. Snow Bird *Hutsonia*

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

And. Wilson Sculp





FRINGILLA.
FINCHES.

- | | |
|---------------------------|----------------------------|
| 1. White-throated Sparrow | <i>F. Albirostris</i> Male |
| 2. ———— " ———— " | " " Female |
| 3. Song Sparrow | <i>Melospiza</i> M. |
| 4. ———— " ———— " | " " F. |
| 5. Gray-crowned Linnet | <i>Troglodytes</i> |
| 6. Sea-side Finch | <i>Maritima</i> M. |
| 7. Pine Finch | " " F. |

18. Common in Italy. 19. Barren's Sparrow. 20. Red Lin. 21. European Elm. 22. Norway Maple.



FRINGILLA,
FINCHES

- 1 Cardinal Finch — *F. Cardinalis* Male
- 2 — " — *Id.* Female
- 3 Purple Finch — *Purpurea* Male
- 4 — " — *Id.* Young Male
- 5 — " — *Id.* Female
- 6 Blue Finch — *Cerulea*
- 7 Black Throated Finch — *Americana*
- 8 Norway 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 ————— *Erythrophthalmus* Black-billed do
 4. *Rapilio Phalaena*. 5. *Lepidurus Sericeus*. 6. *L. Dorsata*. 7. *Roll Beech*.

J. & A. Johnson, Sc.



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



PICUS,
WOODPECKERS

- | | | |
|-------------------------|-------------------|-----------------|
| 1. Plated Woodpecker | <i>P. albatus</i> | Male |
| 2. " " | " | Female |
| 3. Arctic Three-toed D. | <i>Arcticus</i> | |
| 4. Red-headed " " | <i>Dryobates</i> | <i>hyemalis</i> |



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> |

7. Pierce's Skoppe. 8. Scott's Octo-manulata. 9. Laphria Fabriciana. 10. Syrphus (Stenocranus) T. Gray. 11. Dros. Kirby.



PICTIS.

WOODPECKERS.

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



SITTIL.
NUTHATCH.

- | | |
|-------------------------------|-------------------------|
| 1 White Breasted Black Capped | <i>S. Carolinensis.</i> |
| 2 Red Bellied Black Capped | <i>torus</i> |
| 3 Brown Headed | <i>pygmaea</i> |
- 1. Over Cup White Oak. 2. Scarlet Oak.*



CERTILLA,
 CREBETTERS.

- 1 Brown Creeper — *C. kamoharui*.
- 2 Black & White IP — *Meredula*.
- 3 Large Flowered *Meredula*.



TROCHILUS,
HUMMING BIRDS
 1 Northern Humming Bird *T. Colubris* Male
 2 — D^o — — — — Female
 3 — D^o — — — — Young
 4 Ruff Necked D^o — *Rufus* Male
 5 — D^o — — — — Young D^o
 6 — D^o — — — — Female
 7 — D^o — — — — Young M^o
 8 Mountain Laurel

Engraved by Samuel Mills



ALCEDO,
 KINGFISHERS.
 1. Belted Kingfisher. — *A. alcyon* Swale.
 2. — " — — — *A. montana* Swale.
 3. Black Walnut & Mountain Maple —



CYPSELUS, SWALLOW.

1. Chimney Swallow. C. pelagicus

HIRUNDO, MARTINS.

- 2. Purple Martin. Male. *H. purpurea*. 6. White-bellied Swallow. *Icthyophaga*
- 3. Female. 7. Barn Swallow. *Hirundo*
- 4. Barn Swallow. Male. *Hirundo*. 8. Cliff Swallow. *Hirundo*
- 5. Female. 9. Montepa Brownie. *Agelaius*
- 10. Female. 11. Olive Tree. 12. *Sassafras*.



CAPRIMULGUS.
NIGHT-HAWKS.

- 1. Night Hawk. *C. virginianus*, Male.
- 2. *Do* Female.
- 3. Whip Poor Will. *Caprimulgus*, Male.
- 4. *Do* Female.
- 5. Chalk Hills Wren. *Carolinensis*.
- 6. *Pagoitia luciviridis*, Male. 7. *Do* Female.
- 8. *Ichneumon* Centrotor. 9. White Maple.
- 10. Water Oak.



COLUMBA,
PIGEONS.

- 1. Passenger P. *Migratoria*.
- 2. Band-tailed P. *insculpta*.
- 3. Zenaida Dove. *Zenaida*.
- 4. *Cryptoceryx ornata*. 5. *C. bicinctus*.
- 6. *Smeronthus Guianensis*. 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 obscurus* 7. Water-Bitter nut Hickory 8. Shell-bark Hickory

Engraved by E. M. ...



Inhabits North America, &c. &c.

WILD TURKEY. *Meleagris Gallopavo*. 1. Male. 2. Female. 3. Young.
4. Locust Tree.

3

Wm. Johnston Sc.



MELEAGRIS OCELLATA.
HONDURAS TURKEY.

Eng^d by W. Davis.



OREORTYX.
 QUAILS.
 1. Long-tailed Quail. — *O. pictus*.
 2. Mont-casque Quail. — *O. pictus*.

S. W. S. Sculp.



Inhabit California.

ORTYA
QUAILS.

- | | | | |
|---------------------|---|------------------|---------|
| 1. Douglas's Quail | — | at Douglas's | — |
| 2. California Quail | — | California, Mex. | — |
| 3. — " — " | — | " — " | Female. |

Drawn by Captain Brown

Engraved by W. D. D.



ORTYX
QUAILS.

1. Humpbacked Quail. — *O. capistrata*.
2. Welton's Quail. — *O. wellsoni*.

Inhabit California.

Drawn by Captain Brown.

Scalpe



Drawn by Cap^l Brown.

ORYX PICTA.
PAINTED QUAIL.
1. Male. 2. Female.

Inhabits Coliporata.

W^o Warwick Sc.



TETRAO.
GROUSE.

- 1. Ruffed G. *Capellus* Male.
- 2. Sharp-Tailed G. *Phasianellus* female.
- 3. *Fagelia Argynna* + *Xyloia Naemadites*.
- 5. Stone Pine.



Inhabits State of New York.

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

J. A. Audubon sc.



Male drawn by Cap. Brown
Female — by A. Kistler.

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

Engraved by H. Scott.



TETRAO, GROUSE.

1 Spotted Grouse Male. T. Canadensis. 2 D^o female.
 3 Mantispr Brannca female. 4 D^o Interruptus. 5 American Chestnut. 6 White Beech.



TETRAO RICHARDSONI
RICHARDSON'S GROUSE.

♂ Male. ♀ Female. An Inhabitant of the Rocky Mountains.

♂ Cymophora Tree. ♀ Paphia Galanthus.



LAGOPUS.
GROUSE.
1. White Tailed Grouse. - *L. leucurus.*
2. Rock Grouse. - *R. ripostrix.*

Engraved by W. B. Lewis



LAGOPUS MUTUS.
 1. PARMI GAN.
 1. Male. Winter Plumage.
 2. Female. Summer D^o.

Drawn by Capt. Brown.

Jubahs. Water Island.

Engr^d by S. Mitre.

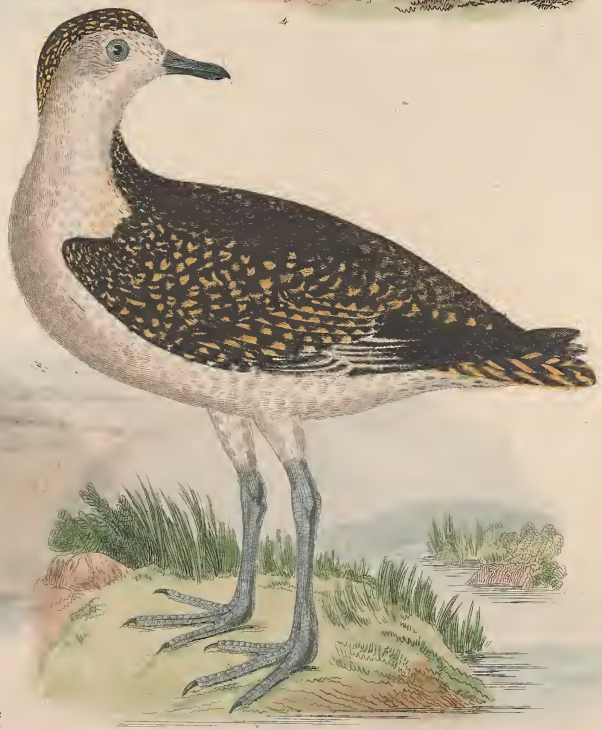
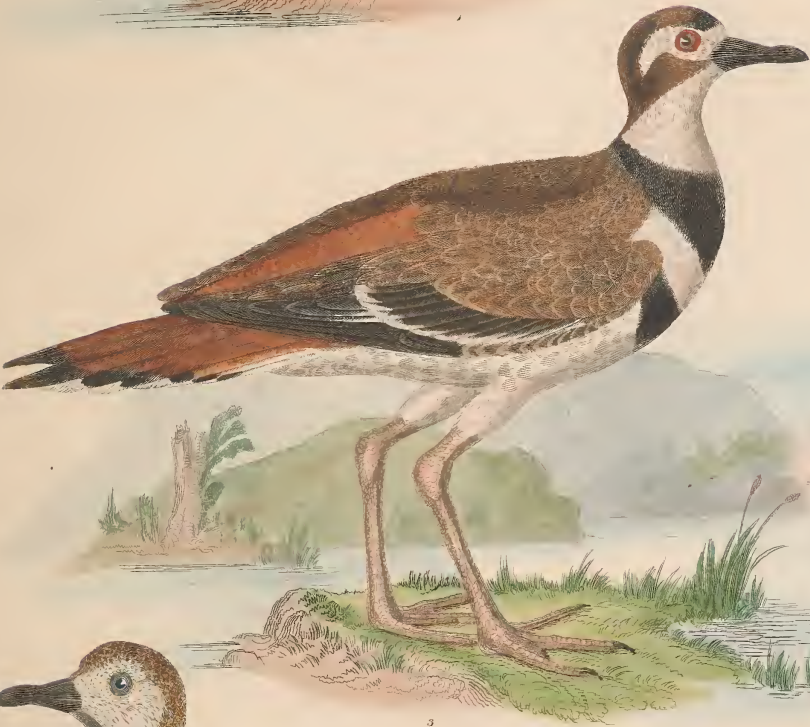
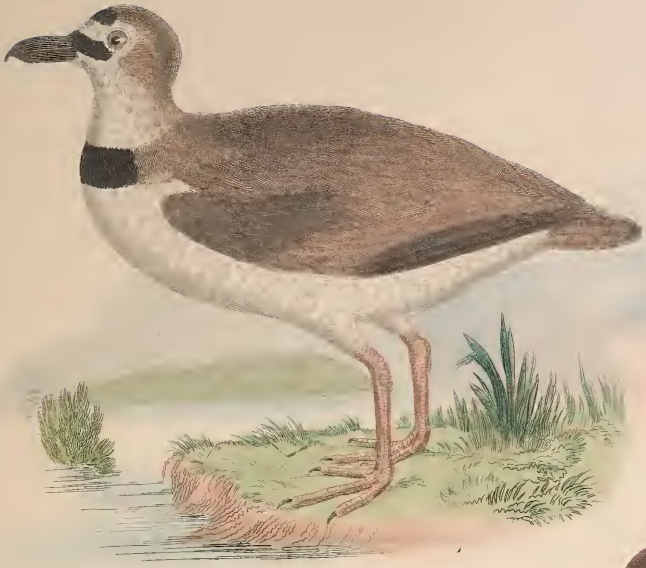


HIMANTOPUS NIGRICOLLIS,
BLACK-NECKED HIMANTOPUS.

James Audubon del.



HEMATOPUS OSTRALEGUS.
PIED OYSTER-CATCHER.



Wilson's Plover
Black-bellied Plover

CHARADRIUS PLOVERS.

- 1 Wilson Plover — C. Wilsonius —
- 2 Ring-billed — C. semipalmatus —
- 3 Ring-billed — C. forsteri —
- 4 Ring-billed — C. melanotos —
- 5 Virginia Plover — C. virginianus —



STREPSILAS INTERPRES.
TURNSTONE.

Engraved by James Turvey.



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

J. Audubon del.



ARDEA.
HERONS.
1. Great Heron *A. Herodias*.
2. Louisiana D^o *A. Louisiana*.
3. Green — D^o *A. Virgata*.



BOTAURUS.
BITTERNS.
1. American Bittern. *B. Minor.* ———
2. Least " *B. Exilis.* ———

James Mayson sculp.



NETTORAK
 NIGHT-HERONS.
 1. Common Night-Heron. N. *cardinalis*.
 2. Do. Do. Do. Do. *young*.
 3. White-crowned Do. N. *violacea*.

Samuel Milne Sculp



EGRETTA.
EGRETS.

1 Great Egret.	<i>E. Leuco.</i>
2 Snowy Egret.	<i>Candidissima.</i>
3 Blue Egret.	<i>Casulea.</i>
4 Downy Egret.	



PHENICOPTERUS RUBER.
RED FLAMINGO.



RECURVIROSTRA AMERICANA.
AMERICAN AVOCET.

Samuel Milne Sculp.



PLATALEA AJAJA.
ROSEATE SPOONBILL.

S. Milne sculp



TANTALUS LOCULATOR.
WOOD IBIS.
Cabbage Tree.

Wm. Warwick Sculp.



IBIS.

1. Scarlet Ibis	Rubra Adul.
2. " " "	Secund. vet.
3. " " "	First D ^o .
4. White Ibis	Alba.



NYMPHUS.
 CURLEWS.
 Long-billed Curlew. *N. Longirostris.*
 Hadsonian D°. *N. Hudsonius.*
 Esquimaux D°. *N. borealis.*

S. Alder Sculp.



TRINGA
SANDPIPERS
 1. Ash-coloured Sandpiper. *T. cinerea*
 2. Red-breasted " *T. erythrorhynchos*
 3. Purple " *T. maritima*
 4. Douglas's " *T. douglasiana*
 5. Diminutive " *T. pusilla*
 6. Semipalmated " *T. semipalmata*
 7. Red-backed " *T. alpina*
 8. " *T. alpina*
 9. Pigeon " *T. alpina*

J. Mayson del.



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

S. Millar Sc.



TATTLERS.
 1 Solitary Tattler. *T. chloropygus*.
 2 Yellow-shank D^o. *Flavipes*.
 3 Telfair. *D^o melanoleuca*.
 4 Scaup-tattler D^o. *Vanpallatus* Sw^o.
 5 *D^o D^o Wm^o*.
 6 Bartram's. *D^o Bartramius*.
 7 Red-shank. *D^o Calidris*.
 8 Spotted. *D^o Macularius*.
 9 White. *D^o Candidus*.

Alc. T. Akman Sculp^t

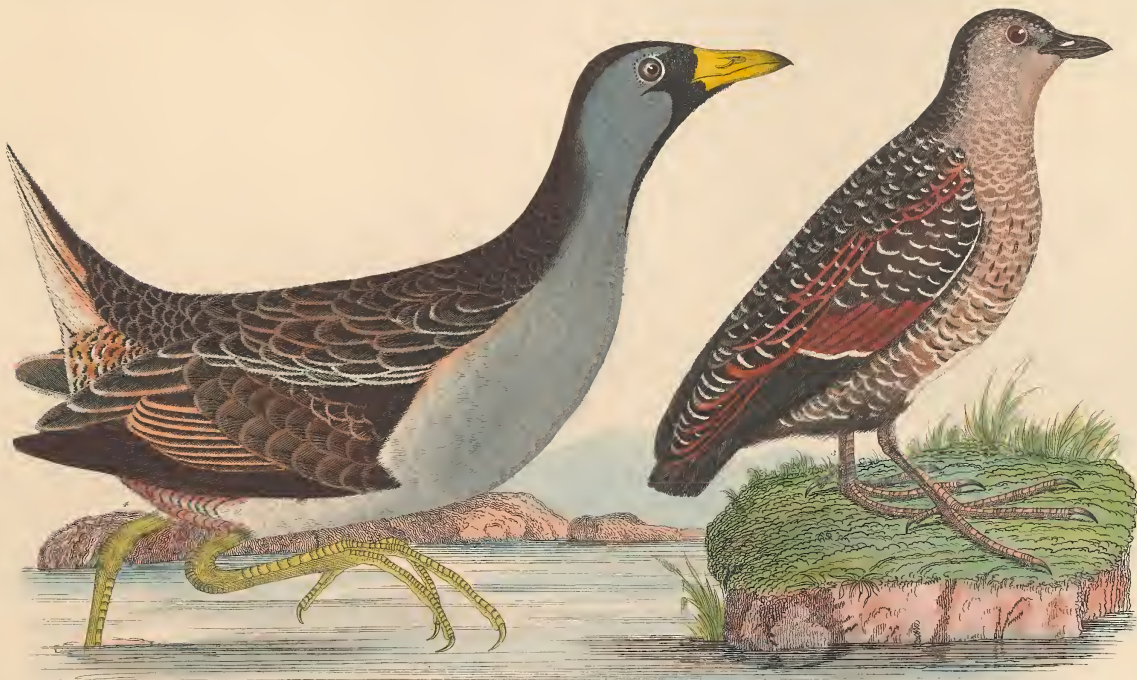


LIMOSA
 GODWITS
 1. Great Mottled Godwit L. Fedot Male
 2. Do. Do. Female
 3. Hudsonian Do. Hudsonian
 4. White Do. Alia

E. Mitchell Sculp

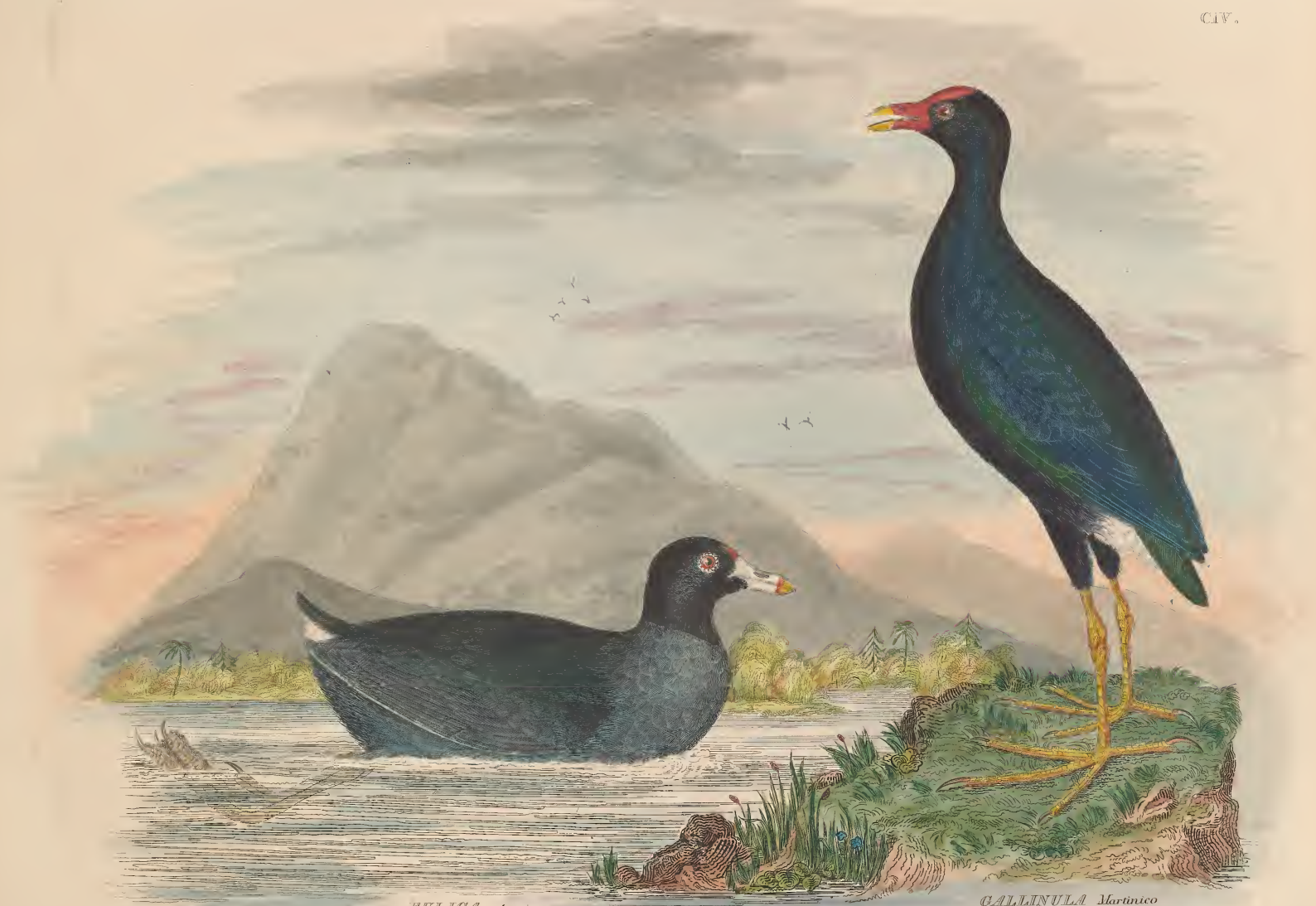


SCOLOPAX.
 1. Red-breasted Scaup. *Scolopax erythrorhynchos*.
 2. Mious Scaup. *Scolopax nigripennis*.
 3. American Woodcock. *Scolopax minor*.



RALLUS.
 RAILS.
 1. Clapper Rail... *R. Coptotis*...
 2. Virginia D^o... *Virginianus*...
 3. Yellow-crowned D^o... *flaviceps*...
 4. Carolina D^o... *Carolinus*...

S. Mearns Sculp^t



Engraved by N. Scott

FULICA americana
Cinnamon Coot

CALLINULA martinica
Martinico Gallinule.



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

Engraved by James Turvey.



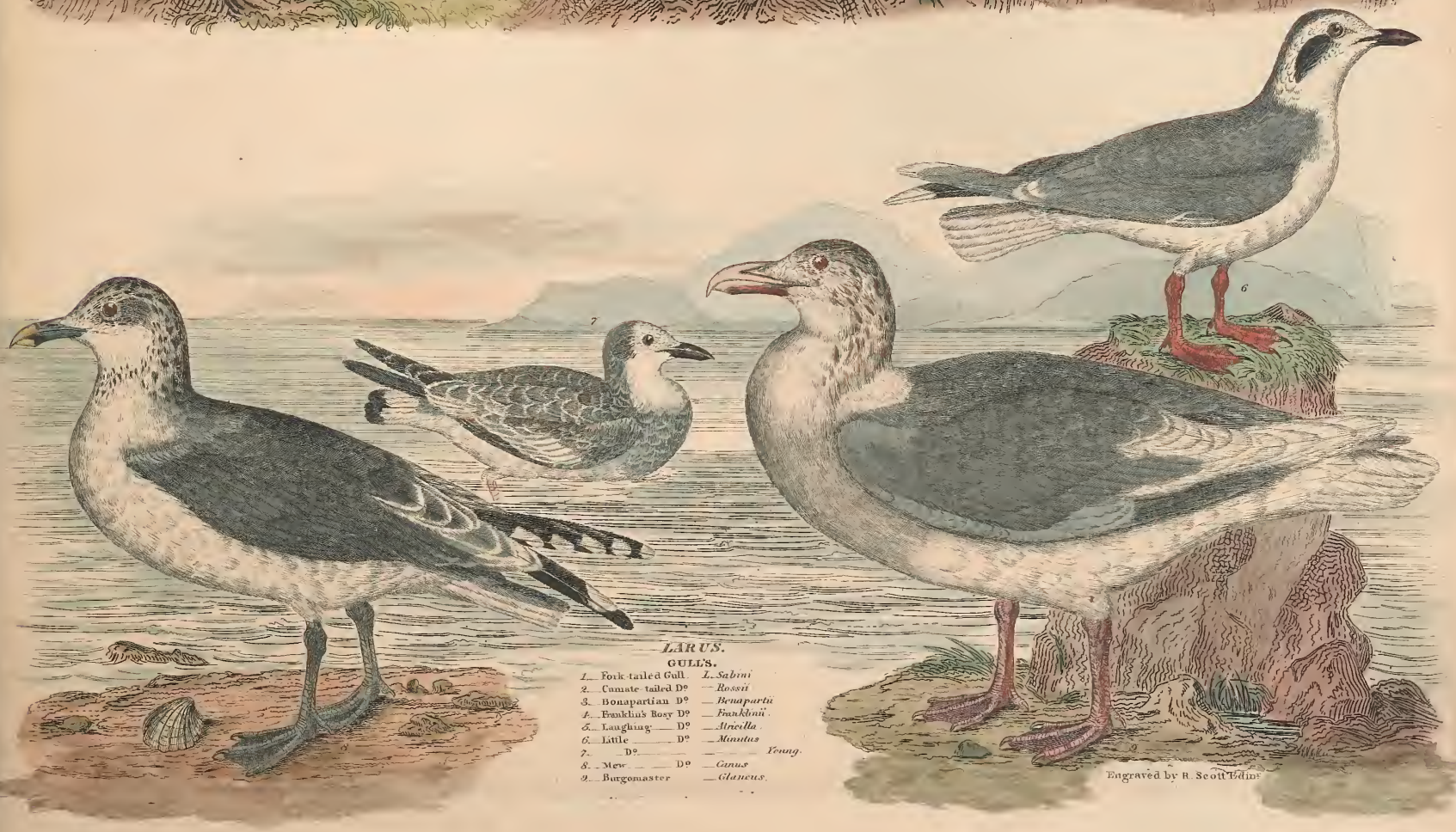
RYNCHOPS NIGRA.
BLACK SKIMMER.

J. Mayson. Sc.



TERNES

- 1. Lesser Tern
- 2. Noddy
- 3. Black Tern
- 4. do
- 5. do
- 6. Masked Tern
- 7. do
- 8. do
- 9. Masked Tern
- 10. do



LARUS.
GULLS.
 1. Fork-tailed Gull. — *L. Sabini*
 2. Cuneate-tailed Gull. — *Bonapartei*
 3. Bonapartian Gull. — *Franklinii*
 4. Franklin's Booby. — *Attedla*
 5. Laughing Gull. — *Minutus*
 6. Little Gull. — *Young*
 7. Mew Gull. — *Canus*
 8. Burgomaster Gull. — *Glaucopterus*

Engraved by R. Scott Edin.



THALASSEIDROMA.
PETRELS.
1. Wilson's Petrel. *T. Wilsoni.*
2. Fork-tailed D^r. *Bullockii.*

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

W. M. Gregor. Sc.



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

W. D. L. V.



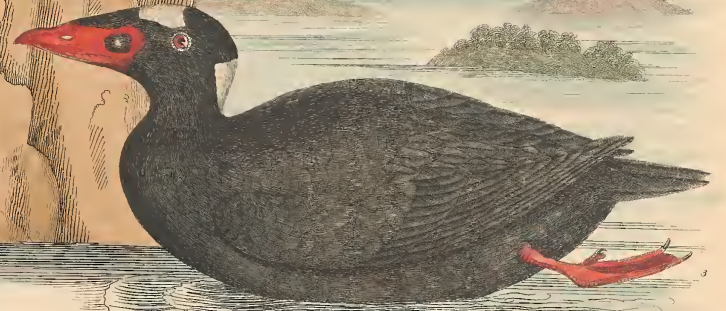
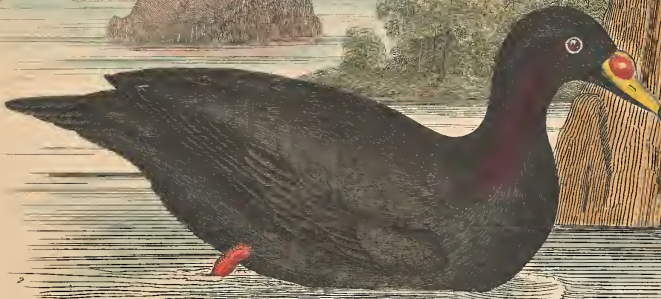
SCOTTERIA.
EIDERS.
 3. King Eider. — *Spectabilis* M.
 4. D^r. — *De* Tem.
 5. Common D^r. — *Molissima* M.
 6. D^r. — *D^r* Tem.

CLAULIODUS STREPERA.
 7. Common Gadwall M.

DENDRONESSA SPONSA.
 2. Summer Wood-duck.

MARECA AMERICANA.
 1. American Widgeon.

W. Davis Sc.



OIDEMLA
SCOTERS.
1. Velvet Scoter. *O. fusca*.
2. American D^o. — *Americana*.
3. Surf D^o. — *Perspicillata*.

S. Wilson Sculp



FULVILLA
 POUGHARDS
 1 Ruddy Pochard. *F. Fulva. Males.*
 2 D^e. *Do. Fem.*
 3 Red-headed D^e. *F. Fulva.*
 4 Ring-necked D^e. *F. Fulva.*
 5 Pied D^e. *F. Fulva.*
 6 Camp D^e. *F. Fulva.*
 7 D^e. *Do. Fem.*
 8 Canvas back D^e. *F. Fulva.*

W. Barwick Sc.



CLANGULA
 GARROTS,
 1 Rocky mountain G. arct. C. Boreas.
 2 Harlequin D. — Alstromeria.
 3 Bull-headed D. — Alcedo Nole.
 4 D. — D. — Fenn.
 5 Golden eye D. — Fulguris F.
 6 D. — D. — F.
 7 Long tailed Harlequin H. chalcid. Y.
 8 D. — D. — D. — Fenn.

W. M. Gregor Sc.



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

S. Wilson Sculp.



A. N. S. R. E.
 G. E. S. E.
 1. Canada Goose *A. Canadensis*.
 2. Snow " *D. Hyperboreus*.
 3. " *D. " Yana*.
 4. Brent " *B. Beringii*.

J. Newton Sc.



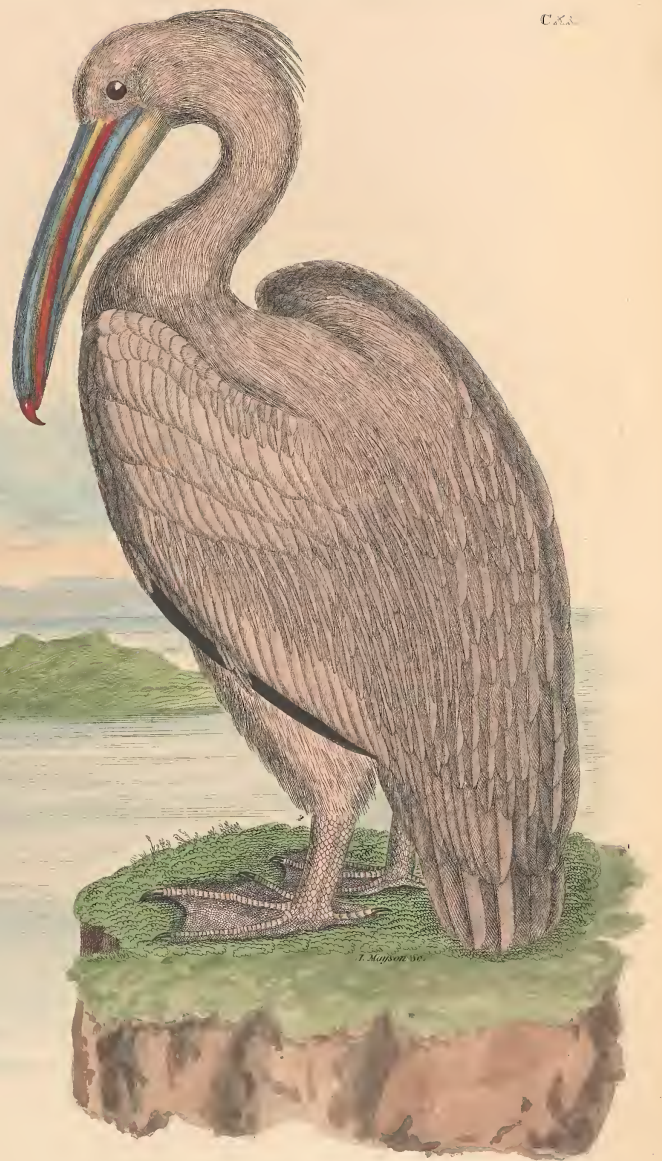
ANSEE.
 GEESE.
 1. Blue-winged Goose. A. Edwards.
 2. Long-tailed Goose. D. Whymps.

J. Atkinson sc.



CYGNUS BEWICKII.
BEWICK'S SWAN.

S. Milne Sc.



PELECANUS.
 PELICANS.
 1. Brown Pelican. *F. fuscus.*
 2. White Do. — *O. crebitalis.*

J. Mason del.



L. Meade Sc.



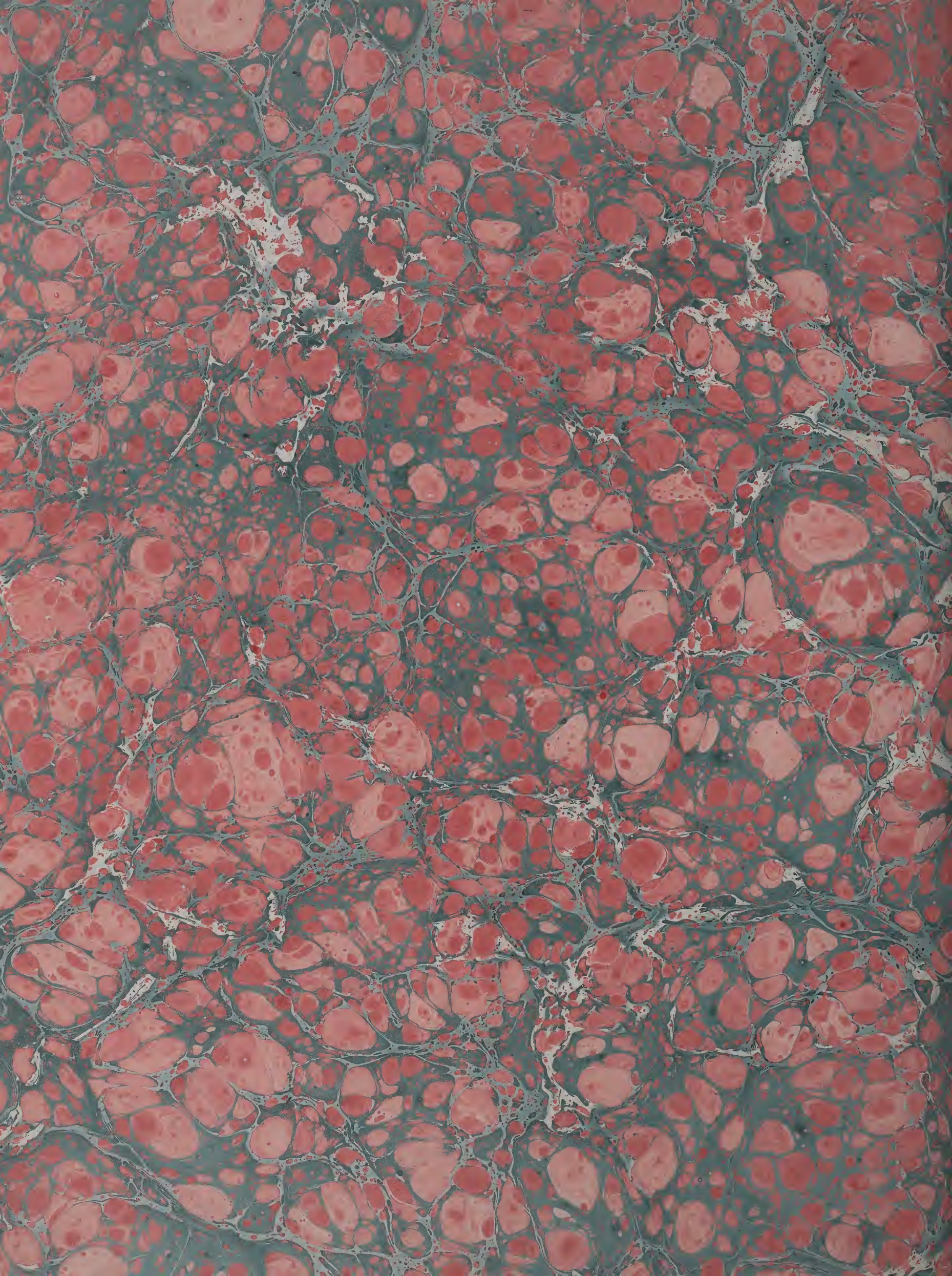
COLYMBUS.
 DIVERS.
 1 Great Northern Diver. *C. glaucoides*.
 2 Red-throated Diver. *C. septentrionalis*.
 3 Black-throated Diver. *C. arcticus*.

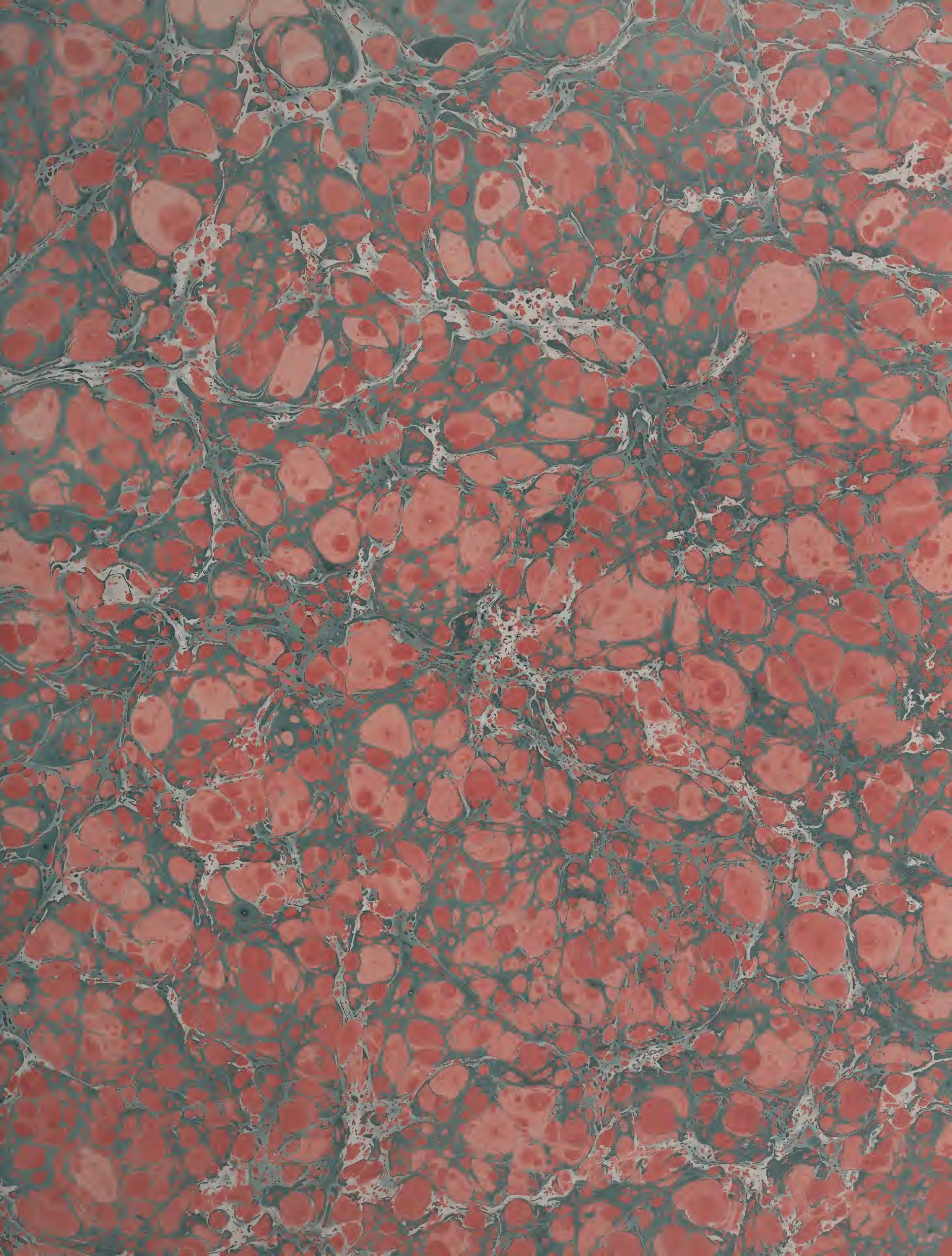
S. Albee Sculp.



U. P. A.
 GUILLEMOTS.
 1. Black Guillemot. *U. grylle*. Summer.
 2. Do. — Do. Winter.
 3. Fulvous. Do. — *U. grylle*. S. —
 4. Do. — Do. W. —
 5. Little. Do. — *U. S.*
 6. Do. — Do. W. —

W. Davis Sculp.





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