

that their absence in the adult eye of *Rhineura* is also due to ontogenic degeneration.

14. The irregularity in the structure and existence of the lens and the great reduction of the vitreous body offer evidence in favor of the idea of the ontogenically and phylogenically earlier disappearance of the ontogenically and phylogenically newer structures.

15. Horizontal nuclei found between the pigment epithelium and the outer limiting membrane are probably derived from the proximal layer of the optic cup.

16. The different layers of the retina have reached a degree of differentiation out of proportion to the great reduction of the dioptric apparatus and general structure of the eye.

ZOÖLOGICAL MISCELLANY.

C. H. EIGENMANN.

1. Portions of a mastodon were found on a sand-bar in the Ohio River, near Rockport, Ind. They have been presented to Indiana University by Karl Cramer.

2. The bones of *Megalonyx jeffersoni*, from the Owen collection, have been mounted in their relative positions and are now on exhibition in Owen Hall.

3. The Museum of the Indiana University finds itself in possession of a collection of birds, made by President Roosevelt at St. Regis Bay and at Oyster Bay, between 1872 and 1877. Most of the specimens bear the original labels written by Mr. Roosevelt, which are examples of explicitness and fulness in labeling. The earliest specimen was collected February 12, 1872, and bears the serial number 4 of his collection. Mr. Roosevelt published a small paper upon the birds of the Adirondacks and another on those of Long Island, based in part on these specimens. The trustees of the University have ordered a dust-proof case to be made, in which they are to be preserved for the future.

There are forty-six birds in all, forty-two species, fifteen less than the number sent here by the National Museum.

The labels read as follows:

<i>Roosevelt Number.</i>	<i>Name.</i>	<i>Date.</i>	<i>Habitat.</i>	<i>Reverse.</i>	<i>I. U. Number.</i>
4A.	Larus.	2-12-1872.	Peninzeah.		860
4A 37.	Mimus rufus ad. ♂.	9-10-1872.	Piermont, N. Y.		1061
2C 5.	Tinnunculus alaudarus ad. ♂.	2-24-1873.	Ramleh, Syria.		586
319.	Corvus americanus ♀.	7-10-1874.	Oyster Bay, L. I.	16.5 34.2 11.6 7.4 1.9 2.3 2.0 1.6. Iris, brown. Bill, black. Legs, black.	1045
354.	Ceryle alcyon ♀.	8-21-1874.	St. Regis L., N. Y.	13.6 22.3. Iris, brown. Bill, black. Legs, slate.	1038
490.	Plotis aninga.	3-10-1875.	Gainesville, Fla.	27.0 39.0. Bill, yellow. Feet, black.	1047
525.	Pipilio erythrophthalmus ♀.	6- 5-1875.	Oyster Bay, L. I.	7.4 10.5. Iris, red. Bill, brown. Legs, yellow.	1054
540.	Icterus spurius ♀.	6-23 -1875.	Oyster Bay, L. I.	6.5 9.8. Iris, brown. Bill, black and slate. Legs, slate.	1046
551.	Cyanospiza cyanea ♂.	7-17-1875.	Oyster Bay, L. I.	5.0 8.5. Iris, brown. Bill, black and white. Legs, brown.	1055

578.	<i>Dendroica maculosa</i> ♂.	8- 7-1875.	St. Regis L., N. Y.	4.5 7.8 Iris, brown. Bill, brown. Legs, brown.	1059
590.	<i>Empidonax Trailli</i> .	8-25-1875.	Oyster Bay, L. I.	5.0 8.0. Iris, brown. Bill, brown and yellow. Legs, brown.	1044
594.	<i>Picus pubescens</i> ♀.	8-28-1875.	Oyster Bay, L. I.	6.6 12.9. Iris, brown. Bill, slate. Legs, slate.	1042
599.	<i>Icterus Baltimore</i> .	9- 3-1875.	Oyster Bay, L. I.	7.2 12.2. Iris, brown. Bill, brown and whitish. Legs, slate.	1050
622.	<i>Zonotrochia melodia</i> ♀.	10-23-1875.	Oyster Bay, L. I.	6.3 7.8. Iris, brown. Bill, brown. Legs, —.	1053
641.	<i>Parus atricillus</i> ♀.	3-24-1876.	Oyster Bay, L. I.	5.2 8.2. Iris, brown. Bill, black. Legs, slate. Cont. crop, insects.	1062

<i>Roosevelt Number.</i>	<i>Name.</i>	<i>Date.</i>	<i>Habital.</i>	<i>Reverse.</i>	<i>I. U. Number.</i>
666.	<i>Helminthophaga ruicapilla</i> ♀.	5-20-1876.	Garrisons, N. Y.	4.6 7.9. Iris, brown. Bill, brown. Legs, brown.	
669.	<i>Dendroica Blackburniae</i> ♂.	5-20-1876.	Garrisons, N. Y.	5.2 8.9. Iris, brown. Bill, brown. Legs, brown.	1060
704.	<i>Tringoides macularius</i> ♀.	7-25-1876.	Oyster Bay, L. I.	7.8 13.8. Iris, brown. Bill, brown and light. Legs, greenish.	1037
708.	<i>Chaetura pelagica</i> ♂.	7-26-1876.	Oyster Bay, L. I.	5.2 12.5. Iris, brown. Bill, brown. Legs, brown. Cont. crop, gnats and flies.	1041
712.	<i>Empidonax acadicus</i> ♂.	7-27-1876.	Oyster Bay, L. I.	6.0 9.8. Iris, brown. Bill, brown, lower mand. yellow. Legs, brown.	1043
741.	<i>Dafla acuta</i> ♂.	3- 5-1877.	New Jersey.	25.6 37.8. Iris, chestnut. Bill, brown. Legs, brown. Cont. crop, veg. substance, gravel.	776

757. <i>Turdus Pallasi</i> ♀.	6-23-1877.	St. Regis L., N. Y.	7.0 11.2. Iris, brown. Bill, brown and yellow. Legs, yellowish. Cont. crop.	11
758. <i>Picus villosus</i> ♀.	6-23-1877.	St. Regis L., N. Y.	9.0 15.0. Iris, brown. Bill, slate. Legs, slate.	1039
761. <i>Vireo solitarius</i> ♂.	6-25-1877.	St. Regis L., N. Y.	5.4 9.3. Iris, brown. Bill, brown. Legs, slate. Cont. crop, small beetles.	1056
770. <i>Sphyrapicus varius</i> ♂.	6-20-1877.	St. Regis L., N. Y.	8.4 15.2. Iris, brown. Bill, brown. Legs, slate.	1040
820. <i>Spizella pusilla</i> .	4-17-1878.	Oyster Bay, L. I.	5.7 7.8. Iris, brown. Bill, pink. Legs, yellow-brown. Cont. crop, beetles, ants and gravel.	1052

The original labels of the following birds are not with the specimens :

<i>I. U.</i>	<i>Name.</i>	<i>Date.</i>	<i>Habitat.</i>
702.	<i>Vanellus cristatus</i> ad. ♂.	2-10-1873.	Beni Hassan.
166.	<i>Vireo noveboracensis</i> ♀.	5-30-1874.	Oyster Bay, Long Island.
57.	<i>Certhia familiaris rufa</i> ♀.	12-30-1874.	Oyster Bay, Long Island.
118.	<i>Dendroeca virens</i> ♀.	5-11-1875.	Oyster Bay, Long Island.
709.	<i>Calidris arenaria.</i>	6-11-1875.	Oyster Bay, Long Island.
426.	<i>Empidonax minimus</i> ♂.	7-19-1875.	Oyster Bay, Long Island.
264.	<i>Poecetes gramineus</i> ♂.	8- 2-1875.	St. Regis, New York.
187.	<i>Tachycineta bicolor</i> ♂.	9- 2-1875.	Oyster Bay, Long Island.
418.	<i>Contopus virens.</i>	6-27-1877.	St. Regis Lake, New York.
124.	<i>Dendroeca discolor.</i>	6-11-1878.	Oyster Bay, Long Island.
121.	<i>Dendroeca pinus</i> ♂.	6-12-1878.	Oyster Bay, Long Island.

The following are undated and arranged according to I. U. number :

<i>I. U.</i>	<i>Name.</i>	<i>Habitat.</i>
243.	<i>Spinis tristis</i> ♂.	Oyster Bay, Long Island.
314.	<i>Passerina cyanea</i> ♀.	Oyster Bay, Long Island.
455.	<i>Picus villosus</i> ♂.	Northeastern United States.
792.	<i>Fulix marila</i> ad. ♂.	Oyster Bay, Long Island.
1036.	<i>Tringoides macularius</i> ♂.	
1048.	<i>Aluco flammeus</i> , ad.	Oyster Bay, Long Island.
1049.	<i>Icterus spurius</i> , juv. ♂.	
1051.	<i>Aegiothus linaria.</i>	Long Island.
1057.	<i>Helminthophaga pinus</i> , ad. ♂.	