

## MISCELLANEOUS PHENOMENA.

*Zoological*—*Martins* left Bellefontaine, Ohio, 26th. *Grasshoppers* at Richmond, Neb., flying N. on the 2d and 3d, and flying with the wind 26th, 27th, 29th, 30th and 31st. A storm of grasshoppers at Pike's Peak, 11th; swarms of grasshoppers at Yankton, 27th, 28th, 29th, 30th and 31st; numerous at Breckenridge, 10th, 11th and 12th; left, going SE., 13th; appeared again 19th and 23d. First appeared at Pembina, flying NE., 8th and 9th, SE., 11th, 12th, 17th, 20th, and S., 13th; at Virginia City were flying SW. 11th to 20th, and SE. 27th to 31st; much damage done in some localities; at Ft. Sully flying NW., and alighting, 15th; NW., 26th; numerous, 16th, 27th, 28th, 29th, 30th. *Colorado Beetles* numerous on potato vines at Malone, N. Y., 20th; the first potato bug of the "Blue Specie" on the 17th, at Stanley, Kas.; at Auburn, N. H., on potato and tomato vines latter part of month.

*Prairie Fires*.—2d, Breckenridge; 3d, Bismarek; 26th, SE. and SW. of Oregon, Mo.

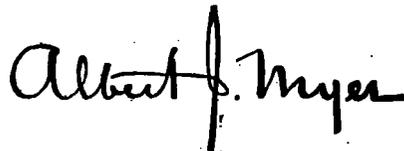
*Forest Fires*.—15th, 16th, 17th, 22d, Eastport. Freehold, N. J., on the 4th, a large fire was started, and continued for some days, destroying crops, timber, &c.

*Polar Bands* were observed on the 8th at Cape Henry, Va.; 11th, 17th, 24th and 27th, Benettsville, Ky.; 15th, Iowa City; 24th, Carthagena, Ohio.

*Meteors*.—These of the 8th and 9th were unusually brilliant, and attracted general attention; that of the 8th passed in a northwesterly direction, the projection of its path being the trace of a vertical plane passing through St. Paul and Louisville and as it passed over a right line joining Cairo and Detroit, it had an altitude of about one hundred and sixty miles. The observer at Cairo reports "the track of this meteor could be traced by a bright line of fire, which was visible for more than an hour after the meteor disappeared;" the observer at Detroit reports "the meteor first appeared as a star of small magnitude, but became elongated and more brilliant as it pursued its course; it broke, giving off an intense blue light, which was succeeded by a less brilliant greenish light, and this, in turn, succeeded by a white light; the track of the meteor was visible for more than half an hour after the explosion;" the observer at Port Huron reports "this meteor appeared to be about one-fourth the size of the full moon, and illuminated the entire heavens for fully half an hour." The meteor of the 9th, observed generally in the Middle Atlantic and New England States, had the same general course, to the northwest, but its altitude cannot be determined from the reports received.

Meteors, chronologically arranged, were observed as follows: 4th, Tybee Island; 7th, Dubuque; 8th, Port Huron, Cairo, Sandy Hook, Logansport, Grand Haven, Evanstown, Indianapolis, Hennepin, Riley, Lyndon, Carbondale and Friendsville, Ill.; Bloomington, Spiceland and Rising Sun, Ind.; Muscatine, Iowa; Benettsville, Ky.; Detroit, Grand Rapids, Litchfield, Traverse City and Hudson, Mich.; Waterburgh, N. Y.; Bellefontaine, Urbana, Kenton, Jacksonburg and Ringgold, Ohio; York Sulphur Springs, Pa.; Rockwood, Tenn.; Bloomfield, Rocky Run, Manitowoc and Utica, Wis.; 9th, Morgantown, New London, Sandwich and Carbondale, Ill.; Vevay and Wabash, Ind.; Fallston, Md.; Somerset and Fall River, Mass.; Trenton, South Orange and New Germantown, N. J.; Ardenia, Waterburgh, Wappinger's Falls and New York, N. Y.; Carthagena, Ohio; Hanover, Pa.; Spartanburg, S. C.; Rockwood, Tenn.; 10th, Dubuque and Afton, Iowa; Corning, Mo.; 11th, Lyndon, Ill.; Corning, Mo.; 12th, Smithville, Newport and Mayport, Fla.; Corning, Mo.; 13th, Evanstown; 15th, Newport, Dodge City, Jacksonville; 16th, Jacksonville; Evanstown; Cresco, Iowa; 17th, Davenport; Lyndon, Ill.; 18th, Smithville; 19th, Davenport; Lyndon, Ill.; 20th, Evanstown, Lyndon, Ill.; Smithville, McMinnville, Tenn.; 21st, Newport; Jacksonville; Utica, Wis.; 22d, Ephrata, Pa.; 24th, Evanstown; Vevay, Ind.; 25th, Davenport; Auburn, N. H.; 26th, Smithville, Davenport; 28th, Dodge City, Jacksonville, Smithville; Ellinwood, Kan.; 29th, Point Pleasant, La.; 30th, Carbondale, Ill., Wooster, Ohio.

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