and dancing, and lights, and sweet sweet sound of a silver lute. bosom, and whose voice was like the God.

flowers; and I saw young, happy spangled slipper glittered upon her faces, and beautiful women, richly foot; but she moved as one that dressed, and sparkling with jewels; treadeth upon the air, and the divine but none that I knew; until one beauty of holiness had so glorified her passed me, whose dress was of simple face, that I felt, as I gazed upon her, white, with only a rosebud on her that she was indeed as an angel of

DEW.

are constantly radiating heat, and their says: temperatures can only remain constant by their receiving from other objects as many rays of heat as they emit. temperature of a substance situated so as to radiate a greater number of calorific rays than it receives, must fall; such is mosphere to exchange rays with them. the state of the evening. If a thermometer be placed upon a grasswhose heat is dissipated.

The form of moisture known as dew sequently dew is usually deposited upon arises from the deposition of water pre- them, but rarely upon smooth stones or viously existing in the atmosphere as sand, for two reasons-firstly, because aqueous vapour which is deprived of its they are not good radiators; and secondvapourous shape by contact with colder ly, because some of the heat lost by Grass and leaves arrive at a radiation is restored by their contact lower temperature than the circumjacent with the earth. Thin clothes are also air in the following manner. All bodies good radiators; and Campbell correctly

The dew on his robe was heavy and chill;

For his country he sighed when at twilight repairing

To wander alone by the wind-beaten

the condition of grass, leaves, and sub- As the most copious deposit of dew takes stances of this sort, on the surface of the place when the weather is clear and earth; on a clear evening, their rays of serene, the poet, when using the epithet beat are emitted into the air, and lost in "wind-beaten," refers, no doubt, to the space, as nothing is present in the at-general character of the hill, and not to

At the time aqueous vapour is being plot, on a clear balmy evening, it will condensed or converted into dew, it comfrequently indicate a temperature from municates to the body effecting the conten to fifteen degrees lower than that of version the whole of its latent heat, the surrounding air.; but the thinnest which is so very considerable, that it cambic handkerchief held stretched above would be sufficient to raise nine hundred it will, by exchanging rays of heat with and fifty times the weight of water conthe adjacent grass, cause the thermom- densed into dew one degree of Fahrenheit, eter to mark an increase of temperature. or more than five times the weight of The passage of a thick cloud over the water from the freezing-point to the boilspot will be followed by the same result. ing-point. Incredible as this may seem, But on a clear evening, as the calorific it must actually happen, and the whole rays of grass and leaves become dissipate of this vast amount must be dissipated ed, their temperature necessarily dimin by the substances upon which any dew is ishes, and falls below that of the sur-deposited ere the deposition can proceed. rounding air, and some of the aqueous This enables us to form some conception vapour therein is converted into water of the prodigious powers of radiation posby contact with the grass or other bodies sessed by dew-condensing plants. It also presents water to us as a sort of what may Grass, wood, leaves, and filamentous be termed a heat or caloric regulator, for substances are good radiators, and con- when water is converted into vapour or