

WORD PUZZLE: spell the correct words. What do they mean?

LYHNPOOEG =

(Note: the following word can be written with and without hyphen, and hyphen is not in correct place)

NMG-IUTDSINH =

IDENTIFY IT: in which photos can you see a process controlled by a biological clock?

<p>A Reindeer searching for lichen (photo: Leo Rescia, UiT).</p> 	<p>B Angry Svalbard rock ptarmigan male (photo: Stig Brøndbo, UiT)</p> 
<p>C A bumble bee pollinating a flower (photo: Paul E. Aspholm, NIBIO)</p> 	<p>D Sun setting in the Arctic (photo: Gabriela Wagner, NIBIO)</p> 

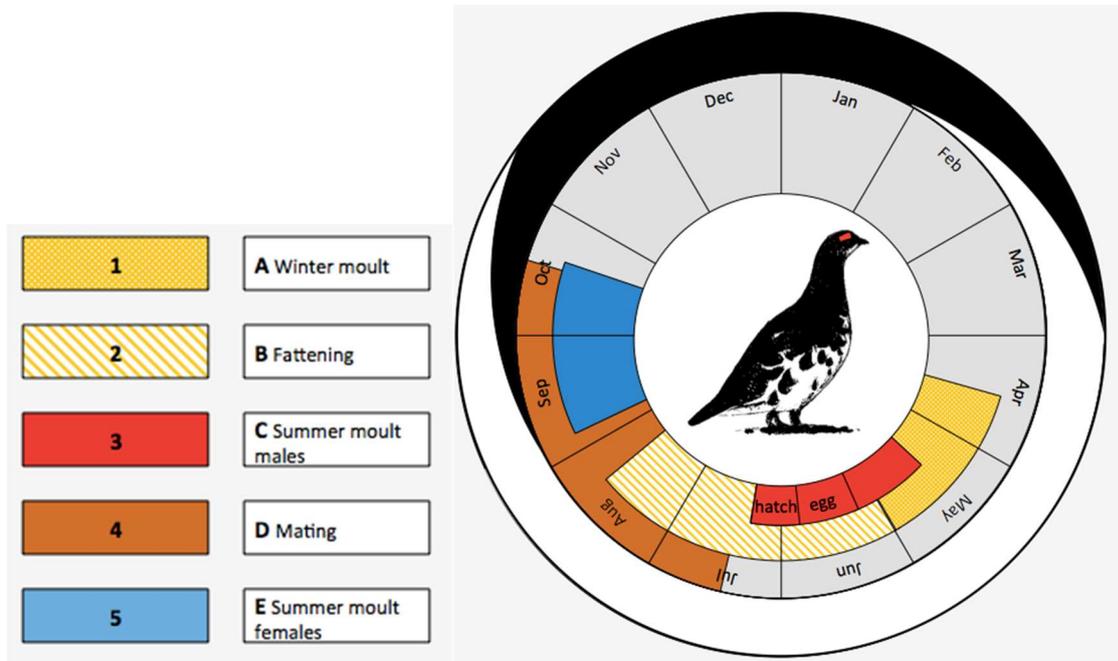
Which hormone tells the body which time of day and year it is?

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The Svalbard rock ptarmigan has a busy year – match the colours in the diagram with the correct seasonal changes.



POLARPEDIA: Connect term (left column) to the correct sentences (right column).

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| 1. Circadian rhythm | A. When the sun does not rise above 6 degrees below the horizon for 24 hours. |
| 2. Polar night | B. A biological rhythm in a living organism with a period of ca. 24 hours, which continues in a constant environment. |
| 3. Polar syndrom | C. When the sun does not sink below the horizon for 24 hours. |
| 4. Midnight sun | D. Seasonal occurence of human sleep disturbance, depression, heightened irritability or similar showing during the winter darkness of polar regions. |