



City of Philadelphia

City Council
Chief Clerk's Office
402 City Hall
Philadelphia, PA 19107

RESOLUTION NO. 210758

Introduced September 23, 2021

Councilmember Thomas

RESOLUTION

Honoring and congratulating Champion of the Week and Community College of Philadelphia Alumni, Anais Barnes, for her scientific research and her valuable discoveries of a rare plant and bee species.

WHEREAS, Anais Barnes and her co-adviser and fellow undergraduate student, Maddie Wickers, conducted a research project to find and examine the true distribution of the rare *Heuchera alba* plant and alumroot cellophane bee species; and

WHEREAS, The project was prompted by a recent discovery of the two species in Shikellamy State Park by a Bucknell University botanist, Chris Martine, and his colleagues; and

WHEREAS, Prior to this discovery, the species of bees had not been reported as seen in over a century; and

WHEREAS, Barnes and Wicker collected specimens of the plant at 20 locations across Pennsylvania, and the bee at six, challenging historical perceptions of the prevalence of the species in the state; and

WHEREAS, Barnes says the key objective of their research was to preserve biodiversity, since it is difficult for scientists to tell which species are disappearing and how to preserve them, if they don't know what is there; and

WHEREAS, Barnes co-presented the findings, alongside Wickers, at a national botany conference on July 19, 2021; and

WHEREAS, Barnes grew up in Frankford and graduated from Franklin Towne Charter School; and

WHEREAS, Barnes then completed the first two years of her undergraduate degree at the Community College of Philadelphia, after receiving its 50th Anniversary Promise Scholarship,

City of Philadelphia

RESOLUTION NO. 210758 continued

before receiving a full scholarship to complete her undergraduate studies at Bucknell University;
and

WHEREAS, Barnes is now a biology major and is entering her senior year at Bucknell. She hopes to become a forensic scientist after graduating, and notes that the DNA analysis included in this recent research project would be an invaluable tool going forwards; now, therefore, be it

RESOLVED, BY THE COUNCIL OF THE CITY OF PHILADELPHIA, That we hereby congratulate and honor Anais Barnes for her research on the rare *Heuchera alba* plant and alumroot cellophane bee species, and her valuable discoveries regarding the distribution of the two species in Pennsylvania.

FURTHER RESOLVED, That an Engrossed copy be presented to Anais Barnes, further evidencing the sincere admiration and respect of this legislative body.