

# Pacific Science Snapshot: New Species, Ancient Mysteries, and Celestial Events

Science · Answer Key · 12 Questions

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**1. In May 2026, what type of moon phase will be visible as the first Full Moon of the month, and what is its traditional name?**

- A) Full Moon (Micromoon) - Flower Moon**
- B) Full Moon (Supermoon) - Harvest Moon
- C) New Moon - Hunter's Moon
- D) Full Moon (Blue Moon) - Blood Moon

**2. Recent deep-sea research in the Pacific's Clarion-Clipperton Zone has identified a significant number of new species. How many new amphipod species were discovered, including a rare new superfamily?**

- A) 24**
- B) 10
- C) 50
- D) 100

**3. Archaeological research in Samoa's Falefa Valley has revealed ancient structures dating back between 600 and 900 years. What technology was crucial in uncovering these hidden structures beneath dense jungle foliage?**

- A) LiDAR (Light Detection and Ranging)**
- B) Ground-penetrating radar
- C) Satellite imagery
- D) Sonar mapping

**4. In May 2026, what is the forecasted average daytime maximum temperature expected in Vanuatu?**

- A) 28°C**
- B) 20°C
- C) 35°C
- D) 15°C

**5. Fiji has made a commitment to manage a significant portion of its waters and designate areas as marine protected areas. By what year does Fiji aim to have 30% of its waters designated as marine protected areas?**

- A) 2030**
- B) 2035
- C) 2040
- D) 2025

**6. A significant archaeological discovery was made in American Samoa, revealing prehistoric tools within an ancient structure. What type of stone tools were found?**

- A) Stone adzes**
- B) Obsidian blades
- C) Flint knives
- D) Granite axes

**7. In May 2026, the To'aga Archeological Site on Ofu in Samoa is noted for its continuous record of human occupation. Approximately how many years does this record span?**

- A) Nearly 3,000 years
- B) Over 500 years**
- C) About 1,000 years
- D) Exactly 5,000 years

**8. Scientists have identified a new superfamily of amphipods in the Pacific. What is the name of this newly identified superfamily?**

- A) Mirabestioidea**
- B) Abyssalia
- C) Pacificidae
- D) Deepwateria

**9. The Vanuatu Meteorology and Geo-hazards Department (VMGD) has provided a seasonal outlook for tropical cyclones. How many tropical cyclones are forecast for the Vanuatu region between November 2025 and April 2026?**

- A) 2-4**
- B) 1-2
- C) 5-7
- D) 8-10

**10. What is the primary focus of the newly designated Pacific Reef Research Coordination Institute at the University of Hawai'i, established in April 2026?**

- A) Coral reef conservation**
- B) Volcanic activity monitoring
- C) Tsunami warning systems
- D) Marine mammal research

**11. In May 2026, what is the expected coral bleaching outlook for Vanuatu's waters, indicating the status of sea surface temperatures in relation to coral health?**

- A) No Stress**
- B) Moderate Stress
- C) High Stress
- D) Severe Bleaching

**12. The recent discovery of 24 new deep-sea species in the Pacific's Clarion-Clipperton Zone has revealed new branches of life. What type of small crustaceans were discovered?**

- A) Amphipods**
- B) Copepods
- C) Krill
- D) Barnacles