

NTUAMS Radiocarbon Dating Application Form

Assign one ID to each sample. Enter up to 10 samples per form.

Use a separate form for each sampling location.

Submitted by: _____

Application date: _____

YYYY / MM / DD

Affiliation: _____

Supervisor signature: _____

No.	Applicant sample ID	NTUAMS No. (laboratory use only)
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

Purpose: ☐ Research project ☐ Student thesis ☐ Private testing ☐ Other

Payment: ☐ MOST-approved instrument usage funding ☐ Paid by applicant

Sampling location: _____

Longitude: Latitude:

Sample description: _____

e.g., charcoal fragments, shells, or bulk material from a lake sediment core

Approx. weight: _____ mg ☐ Dry ☐ Wet

Sampling date: _____

Estimated age: Holocene: ☐ Late ☐ Middle ☐ Early

☐ Late Pleistocene

Backup sample: ☐ Available mg ☐ Not available

Does the sample contain foreign material or have geological factors that may result in an anomalous age (e.g., grass or root intrusion, dissolution, or prolonged surface exposure)? ☐ Yes ☐ No

Could carbon contamination have occurred during sampling or transport? ☐ Yes ☐ No

Additional pretreatment fees may apply to samples requiring complex preparation. The laboratory will notify the submitter in advance.

C/N ratio for organic carbon samples, including bones (+NT\$1,500)? ☐ Yes ☐ No

$\delta^{13}\text{C}$ and $\delta^{18}\text{O}$ values (+NT\$3,000)? ☐ Yes ☐ No

$\delta^{15}\text{N}$ value (+NT\$3,000)? ☐ Yes ☐ No

If using MOST-approved instrument usage funding, are you willing to acknowledge this laboratory when publishing the data? ☐ Yes ☐ No

Additional remarks:

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